

## SASD School Administrators & School Counselors

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## **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](http://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.

### **Transcripted Credit**

Select high school courses may be taken for transcripted (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

**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](http://www.act.org)  
[www.collegeboard.org](http://www.collegeboard.org)

### WHY TAKE THE ACT AND/OR SAT?

Some 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 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 WEBSITES

#### *4-Year College Information*

[www.uwhelp.wisconsin.edu](http://www.uwhelp.wisconsin.edu)  
[www.wisconsinprivatecolleges.org](http://www.wisconsinprivatecolleges.org)

#### *Wisconsin Technical College System*

<https://www.wistechcolleges.org/>

#### *Testing Tips & Information*

[www.ets.org](http://www.ets.org)  
[www.act.org](http://www.act.org)  
[www.collegeboard.org](http://www.collegeboard.org) (SAT information)

#### *Financial Aid*

[www.fastweb.com](http://www.fastweb.com)  
[www.finaid.org](http://www.finaid.org)  
[www.fafsa.ed.gov](http://www.fafsa.ed.gov)

#### *Counseling Center Websites*

<https://www.sheboygan.k12.wi.us/north-high/students/student-services>  
<https://sites.google.com/sasd.net/sheboygan-south-counseling-cen/home>

## 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)	Advanced CAPP Composition (North only)	Pre-Calculus 1 & 2	AP Microeconomics
CAPP Biology 3 & 4 (North only)	Classical Humanities 1 & 2 (North only)	AP Calculus 1 & 2	AP Macroeconomics
Anatomy & Physiology 1 & 2 (North only)	Honors Humanities 1 & 2 (South-Honors Humanities 2 only)	AP Statistics 1 & 2 (North only)	Sociology 1
AP/CAPP Physics 3 & 4 (North only)	AP English Literature & Composition (North only)	Honors Calculus 1 & 2 (North only)	Sociology 2
CAPP Physics 3 & 4 (South only)	English 5 & 6 CAPP	AP Calculus 3 & 4 (North only)	AP US History 1 & 2
AP Chemistry 3 & 4	English (North only)		AP Government & Politics: U.S. (CAPP at South)
Independent Study – AP	Composition – Dual Credit (South only)	<b>TECHNOLOGY ED</b>	AP Psychology 1 & 2
Physics C5 (North only)	CAPP Modern Literature (South only)	House Construction	Philosophy 1 & 2 (North only)
Independent Study - AP		Capstone Automotive	AP World History 1 & 2 (AP/CAPP South only)
Physics C6 (North Only)	<b>BUSINESS EDUCATION</b>	Capstone Drafting Communications	AP European History (North only)
Independent Study - Science	CAPP/Accounting	Capstone Metals Production	Comparative Eastern Religions (North only)
PLTW-Human Body Systems (HBS)	Accounting 3 & 4 TC	Capstone Graphic Design	Comparative Western Religions (North only)
PLTW Med Interventions 1 & 2 (South only)	CAPP/Business Management	PLTW-Civil Engineering & Architecture	CAPP US History 1 & 2 (North only)
Physics 1A & 2A (South only)	CAPP/Personal Finance	PLTW-Principles of Engineering	
	Microsoft Office Specialist		
	INCubatorEDU	<b>FINE ARTS</b>	
		AP Studio Art (North only)	
<b>FAMILY &amp; CONSUMER EDUCATION</b>		Drawing Painting I	
Hospitality Foods 5 & 6 (South only)		Advanced Drawing/Painting II	<b>WORLD LANGUAGES</b>
Hospitality Foods 6 & 7 (South only)	<b>PHYSICAL EDUCATION</b>	Chamber Orchestra (South only)	Spanish 3A & 3B, 4A & 4B, 5A & 5B
	Lifeguard Training	Jazz Ensemble	French 3A & 3B, 4A & 4B, 5A & 5B
<b>EDUCATION</b>	Weight Training Conditioning Honors Strength Training (South only)	Concert Choir	German 3A & 3B, 4A & 4B, 5A & 5B
Introduction to Education		Portfolio 1	Chinese 3A & 3B, 4A & 4B, 5A & 5B
Medical Terminology	<b>COMPUTER SCIENCE</b>	Northern Lights (North only)	
Hospitality Foods 5 & 6 (South only)	Programming Introduction	Symphonic Band	<b>INDEPENDENT ELECTIVES</b>
Human Diseases	Web Development 1	Concert Orchestra (North only)	Emergency Management
Educational Psych	Advancements in Web Design and Development	Concert Band (North only)	Innovator Fellowship
	Web Development 2	High School Art Gallery	
	Web Development 3	Advanced Acting (North only)	
		Internship (North only)	
		Digital Artistry (North only)	
		South High Singers (South only)	

## 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 1<sup>st</sup> Honors - 4.667 and above

South/North: Quarter GPA 2<sup>nd</sup> 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

1. All grades earned by students are fully included in the weighted grade calculation which is based on a 6-point scale.
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+

## 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

See your school counselor for more information.

## PARENTING LAB

## Central High School

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

Prerequisites: Juniors and seniors who are credit deficient. A contract is in accordance with district policies.

Semester Course - 120 Hours Work/Semester = ½ credit

Maximum total credits (2 semesters & summer) = 1.5 credits per year

This program provides work experience to 11<sup>th</sup> and 12<sup>th</sup> 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.

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.

### **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

Prerequisites: Permission of parent, school  
and work mentors.

½ - 3 credits per year

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

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 or two-year program

3 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.

### **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



**ACADEMIC SEMINAR**

Grades 9 &amp; 10

Semester Course – ½ 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 &amp; 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 &amp; 12

Semester Course – ½ 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 experiences and studio practices through varied processes and media. Students develop an appreciation for art. Students express themselves through their own art and artistic voice.

Creating, Presenting, Responding and Connecting state art standards promote effective habits that cultivate curiosity, stimulate imagination, inspire creativity, empower originality and develop critical thinking. Opportunities will be offered to further develop student interests such as artist lectures and artist-in-residencies. These are focused key areas for being college and career ready.

**3801-3802 ART FOUNDATIONS 1 & 2**

Grades 9, 10, 11 &amp; 12

Prerequisites: Art Foundations 1 required  
before taking Art Foundations 2

Year Course - 1 credit

Regular

Art Foundations 1 & 2 is a year-long course that provides a background in two and three-dimensional design. This course will focus on composition stressing the fundamentals of materials and concepts used in art (Elements and Principles of Design). Course work is based on state and national art standards. First semester will cover two-dimensional work: drawing, color theory, and painting. Second semester will cover three-dimensional work such as sculpture, ceramics, art metals, and printmaking. Students will be expected to keep an active sketchbook, handouts assigned, and note taking. Students should expect to be assessed on techniques, art vocabulary and concepts. Students will participate in self and group critiques.

**3803-3804 ART FOUNDATIONS 3 & 4**

Grades 10, 11 &amp; 12

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

Year Course - 1 credit

Regular

The second year of Art Foundations will provide the student with 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 concepts used in art (Elements and Principles of Design). Course work is based on state and national art standards. Possible areas explored: painting, textiles, drawing, mixed media, collage, printmaking, sculpture, and ceramics. Students will be expected to keep an active sketchbook, handouts assigned and note taking. Students should expect to be assessed on techniques, art vocabulary and concepts. Students will participate in self and group critiques.

**3805 DRAWING INTENSIVE**

Grades 11 &amp; 12

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

Semester Course - ½ credit (can be offered both semesters)

Regular

Drawing Intensive offers the student an in-depth approach to various drawing techniques and processes. Drawing will be used as a tool for diagramming ideas and mark making 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 national art standards. Students will develop an increased art vocabulary for creating, presenting, responding and making connections to class discussions. Students will explore new media and hone drawing technical skills. Possible media explored: pencil, chalk, charcoal, pen and ink, color pencil, and ink washes. Students will be required to keep an active sketchbook. Students should expect to be assessed on techniques, art vocabulary and concepts. Students will participate in self and group critiques.

**3806 THREE-DIMENSIONAL DESIGN**

Grades 11 &amp; 12

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

Semester Course - ½ credit (can be offered both semesters)

Regular

Three-Dimensional Design offers the student an opportunity to explore and refine concepts, principles, processes, and techniques that deal with three-dimensional compositions. Course work is based on state and national art standards. Course work includes developing 3-dimensional compositions that stress problem solving and experimentation. Media explored: ceramics, art metals, sculpture, wood, paper mâché, and mixed media. Students will be expected to keep an active sketchbook, handouts assigned, and note taking. Students should expect to be assessed on techniques, art vocabulary and concepts. Students will participate in self and group critiques. Artist and individual research are required.

**3807 DRAWING/PAINTING I**

Grades 11 &amp; 12

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

Semester Course - ½ credit (can be offered both semesters)  
Regular

Drawing/Painting I offers the opportunity to work with advanced concepts in drawing and painting techniques in conte crayon, pastels, pencil, pen & ink, and oil paint as well as a place for exploration, development, and expression of own individual artistic style. Course work is based on state and national art standards. Active sketchbooks and artist research will address compositions that deal with landscape, still life, portraits, nature and abstraction. Students will develop an increased art vocabulary for participating in class and self-critiques. Students should expect to be assessed on techniques, art vocabulary and concepts.

**3808 ADVANCED DRAWING/PAINTING II**

Grade 12

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

Semester Course - ½ credit (Can be offered both semesters)  
Regular

Advanced Drawing/Painting II offers the opportunity for further exploration in drawing and painting media as well as a place for further exploration, development, and expression of own individual artistic style. Course work will address painting problems concerning representational and nonrepresentational issues. Course work is based on state and national art standards. Compositions will include a broad range of materials and techniques with instruction geared for individual artistic exploration. Active sketchbooks and artist research is required. Students will develop an increased art vocabulary for participating in class and self-critiques. Students should expect to be assessed on techniques, art vocabulary and concepts.

**3809 DRAWING/PAINTING I HONORS**

Grades 11 &amp; 12

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

Semester Course - ½ 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 nurtures creativity, expression, and voice. The student must complete two major assignments that meet instructor approval outside of class each semester. Students will be required to keep an active sketchbook. Students should expect to be assessed on techniques, art vocabulary and concepts. Students will participate in self and group critiques. Also, to respond to current art exhibits and submit work for exhibitions.

**3810 ADVANCED DRAWING/PAINTING II**

Grade 12

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

Semester Course - ½ 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 nurtures creativity, expression, and voice. The student must complete two major assignments that meet instructor approval outside of class each semester. Students will be required to keep an active sketchbook. Students should expect to be assessed on techniques, art vocabulary and concepts. Students will participate in self and group critiques. Also, to respond to current art exhibits and submit work for exhibitions.

**3811-3812 SENIOR ART 1 & 2**

Grade 12

Prerequisites: None

Year Course - 1 credit

Regular

This is an introductory course designed for Seniors who have not had the opportunity to experience the enjoyment of making art and who would like to develop a basic background of art concepts designed to help in understanding and appreciating art. Course work may include drawing, painting, sculpture, ceramics, art metals, and sculpture. Course work is based on state and national art standards. **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. The curriculum is the same as Art Foundations 1 & 2. This course is not recommended if student has taken a previous art course.**

**3813-3814 PORTFOLIO I**

Grades 11 &amp; 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 12 works of art using a variety of media, techniques, and subject matter. Emphasis is placed on drawing from observation, color theory, and design principles. Understanding of the fundamentals of two and three-dimensional design is recommended. This course provides the opportunity for students to participate in a rigorous art course in which they create a portfolio of artworks.

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,  
Art Foundations 3 & 4, Drawing Intensive,  
Portfolio and consent of instructor

**North High School only**

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 15 works of art that are unified by an underlying idea that has visual coherence.

This course provides the opportunity for advanced art students to participate in an accelerated and rigorous 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 Two-Dimensional Design. There is a fee associated with this course when submitting the portfolio to the AP College Board for scoring. AP Studio Portfolios are submitted in early May. 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** **North High School only**  
 Grades 11 & 12  
 Semester Course - ½ credit (can be offered both semesters)  
 Prerequisites: Art Foundations 1 & 2, Honors  
 Art Foundations 3 & 4, Drawing Intensive and  
 consent of instructor

Introduction to Digital Artistry offers the student an opportunity to integrate digital media into their artworks. Students will explore their interests, develop their digital skills, and express their artistic voice using Wacom Tablets. Course work is based on state and national art standards. Course work will focus on developing a strong portfolio for college admission. Active sketchbooks and artist research will address compositions that deal with appropriation, juxtaposition, re-contextualization, layering, and interaction of text and image. Students will develop an increased art vocabulary for participating in class and self-critiques. Students will be required to keep an active sketchbook. Students should expect to be assessed 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 Google Meet.

#### **INDEPENDENT STUDY**

Grade 12  
 Semester Course - ½ credit  
 Prerequisites: Art Foundations, 1 & 2, Regular  
 Art Foundations 3 & 4, Drawing Intensive,  
 Three-Dimensional Design and consent of instructor

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. Students must be able to dependent, have effective time management skills, think creatively, 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  
 Semester Course - ½ credit  
 Prerequisites: Art Foundations 1 & 2, Honors  
 Art Foundations 3 & 4, Drawing Intensive,  
 Three-Dimensional Design, Drawing/Painting I and consent of instructor

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. Students must be able to dependent, have effective time management skills, think creatively, 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	X	
Semester	½	Business Management 2	H	5683		X	X	X	X
Year	1	CAPP/Accounting	H	5637-5638			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	X
Semester	½	Web Development 1	H	5655	X	X	X	X	
Year	1	INCubatorEDU	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 Semester Course - ½ credit  
 Prerequisites: None 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 on a class project.

**5576-5577 MICROSOFT OFFICE SPECIALIST 1 & 2**  
 Grades 9, 10, 11 & 12 Semester/Year Course – ½ or 1 credit  
 Prerequisites: None Honors

If you read almost any job listing, the ability to use Microsoft Office is listed as a desired skill. This course is for students interested in pursuing college or any post-secondary plan that involves using a computer. Students receive a chance to gain Microsoft Office Specialist industry certifications.

**5631-5635 BUSINESS/MARKETING CO-OP**  
 Grades 11 & 12 Year Course - ½ - 3 credits  
 Prerequisites: Concurrent enrollment in CAPP/Business Management or instructor consent with an upper level business class 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 Semester Course ½ 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. 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 10, 11 & 12 Semester Course – ½ 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. CAPP/Business Management provides students with an introduction to the management principles for a career in management. Students will learn about planning, organizing, leading, controlling and staffing resources. Students will create a business plan or complete a project which takes into consideration all elements of business management.

**This course is transcribed with UW-Oshkosh for college credit. Students may participate in this at their discretion.**

**5683 BUSINESS MANAGEMENT 2**  
 Grades 10, 11 & 12 Semester Course – ½ Credit  
 Prerequisites: CAPP/Business Management 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 CAPP/ACCOUNTING**

Grades 11 &amp; 12

Prerequisites: None

Year Course - 1 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 learn the principles and theories of accounting. In addition, students will learn the accounting cycle and how to maintain financial records for the business. This is a must class for anyone considering a college degree in business.

**This course is transcribed with UW-Oshkosh for college credit. Students may participate in this at their discretion. This course is also a ½ math equivalency credit. At least two of the three math credits must be taught by the mathematics department.**

**5709-5710 ACCOUNTING 3 & 4 TC**

Grades 11 &amp; 12

Prerequisites: CAPP/Accounting

Year Course - 1 credit

Honors

This course is a continuation of the studies completed in CAPP/Accounting. 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 &amp; 12

Prerequisites: None

Semester Course - ½ 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 1 computer science course.

**5801-5802 MARKETING 1 & 2**

Grades 10, 11 &amp; 12

Prerequisites: None

Year Course - 1 credit

Regular

This course is a study of marketing concepts and principles and their practical application. Students will examine risks and challenges marketers face to establish a competitive edge through study, activities, projects and work in the school store. Subject matter includes marketing foundations/functions with emphasis on selling, promotion, product/service management, pricing and distribution.

**5583 PROGRAMMING INTRODUCTION**

Grades 9, 10, 11 &amp; 12

Prerequisites: Successful completion of Algebra 1 &amp; 2 or equivalent

Semester Course – ½ credit

Honors

Students will learn about the concepts of variables, data types, making decisions in code, loops, program scope, functions 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 and taught by SASD instructors.**

**5655 WEB DEVELOPMENT 1**

Grades 9, 10, 11 &amp; 12

Prerequisites: None

Semester Course – ½ credit

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 taught by a SASD instructor and students will work with the instructor daily. **This course is transcribed with Lakeshore Technical College for college credit and taught by SASD instructors.**

**5725-5726 INCubatorEDU**

Grades 10, 11 &amp; 12

Prerequisites: None

Year Course – 1 credit

Honors

Through the INCubatorEDU program, students ideate, develop and iterate an actual product or service startup in an attempt to gain actual investment dollars from real investors. Think “Shark Tank” for high school students.

Real entrepreneurs and business experts serve as 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 mistakes, take risks and learn to pivot based on market need.

**This course is transcribed with Lakeland University for college credit. Students may participate in this at their discretion.**

**INDEPENDENT STUDY**

Grades 9, 10, 11 &amp; 12

Prerequisites: Permission of instructor

Semester Course - ½ 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**

Grade 11 &amp; 12

Prerequisites: Permission of instructor

Semester Course - ½ credit

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	Intro to Computer Science	R	5580	X	X	X	X	
Semester	½	Programming Introduction	H	5583	X	X	X	X	X
Semester	½	Digital Web Design	R	5729	X	X	X	X	
Semester	½	Web Development 1	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	
Semester	½	Web Development 3	R	5687		X	X	X	X
Year	1	Object Oriented Programming 1 & 2	R	5688-5689			X	X	X
Semester	½	Mobile Device Development 1	R	5690			X	X	X
Semester	½	Mobile Device Development 2	R	5691			X	X	X
Year	1	Advanced Programming & Game Development	H	5692-5693		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
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 for students interested in pursuing college or any post-secondary plan that involves using a computer. Students receive a chance to gain Microsoft Office Specialist industry certifications.

### **5580 INTRO TO COMPUTER SCIENCE**

Grades 9, 10, 11 & 12

Semester Course – ½ credit

Regular

This course begins with an introduction to the various fields of computer science, as framed within the broader pursuit of solving problems. Students gain basic familiarity with coding principles such as variables, functions, conditionals, and loops at a gentle pace. Students will create interactive programs throughout the course. These projects are intended to help beginners become familiar with coding basics in an engaging way.

### **5583 PROGRAMMING INTRODUCTION**

Grades 9, 10, 11 & 12

Prerequisites: Successful completion of Algebra 1/2 or equivalent

Semester Course – ½ credit

Honors

Students will learn about the concepts of variables, data types, making decisions in code, loops, program scope, functions 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 and taught by SASD instructors.**

**5729 DIGITAL WEB DESIGN**

Grades 9, 10, 11 &amp; 12

Prerequisites: None

Semester Course - ½ 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 1 computer science course.

**5655 WEB DEVELOPMENT 1**

Grades 9, 10, 11 &amp; 12

Prerequisites: None

Semester Course – ½ credit

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 and taught by SASD instructors.**

**5685 ADVANCEMENTS IN WEB DESIGN AND DEVELOPMENT**

Grades 9, 10, 11 &amp; 12

Prerequisites: Web Development 1

Semester – ½ credit

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 and taught by LTC instructors online.**

**5686 WEB DEVELOPMENT 2**

Grades 10, 11 &amp; 12

Prerequisites: Programming Introduction &  
Web Development 1

Semester – ½ credit

Honors

This course, taught by LTC instructors, introduces the student to the JQuery JavaScript framework for developing dynamic client-side Web pages. **This course is transcribed with Lakeshore Technical College for college credit and taught by LTC instructors online.**

**5687 WEB DEVELOPMENT 3**

Grades 10, 11 &amp; 12

Prerequisites: Programming Introduction,  
Web Development 1 and Intro to Database  
Design & Development

Semester – ½ credit

Honors

This course, taught by LTC instructors, introduces the student to PHP, MySQL, PHP frameworks, content-managed Websites and Web server architecture. **This course is transcribed with Lakeshore Technical College for college credit and taught by LTC instructors online.**

**5688-5689 OBJECT ORIENTED PROGRAMMING 1**

Grades 11 &amp; 12

Prerequisites: Web Development 3

Year – 1 credit

Honors

This course, taught by LTC instructors, introduces students to the Java programming language and object-oriented programming (OOP) concepts. **This course is transcribed with Lakeshore Technical College for college credit and taught by LTC instructors online.**

**5690 MOBILE DEVICE DEVELOPMENT 1**  
 Grades 11 & 12 Semester – ½ credit  
 Prerequisites: Web Dev 2 & Advancements Honors  
 In Web Design & Development

Students build hybrid mobile applications using HTML, CSS and JavaScript, specifically JQuery mobile frameworks with an LTC Instructor. **This course is transcribed with Lakeshore Technical College for college credit and taught by LTC instructors online.**

**5691 MOBILE DEVICE DEVELOPMENT 2**  
 Grades 11 & 12 Semester – ½ credit  
 Prerequisites: Mobile Device Development 1 Honors

This course, taught by LTC instructor, builds upon skills learned in Mobile Device Development 1 by building advanced hybrid mobile applications. **This course is transcribed with Lakeshore Technical College for college credit and taught by LTC instructors online.**

**5692-5693 ADVANCED PROGRAMMING AND GAME DEVELOPMENT**  
 Grades 10, 11 & 12 Year – 1 credit  
 Prerequisites: Successful completion of Honors  
 Programming Introduction

Students learn to use the Unity programming engine to create their own games: managing player movement, basic game mechanics, user interfaces and animations. Students will also be exposed to more advanced concepts in programming including recursion, OOP programming and 2D arrays. Optionally, students will be able to take the AP Computer Science A exam for college credit.

**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 credits at Lakeland.

**6227-6228 PLTW COURSE SCIENCE PRINCIPLES 1 & 2**  
 Grades 10, 11 & 12 Year Course – 1 credit  
 Prerequisites: 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** **South High School only**  
Grades 10, 11 & 12 Semester – ¾ credit  
Prerequisites: Computer Programming in C++, Honors  
Computer Science & Software Engineering  
1 & 2-PLTW

This course will cover such high interest topics such as cyber stalking, malware, cyberspace spying, cyber terrorism and more. Dual-credit through Lakeland University.

**INDEPENDENT STUDY**

Grades 9, 10, 11 & 12 Semester Course - ½ 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 12 Semester Course - ½ 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.**

**MULTILINGUAL LEARNER - ML**

Classes in ML 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.

### FAMILY AND CONSUMER SCIENCES EDUCATION – SOUTH HIGH SCHOOL ONLY

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	Child Development 1	H	5072		X	X	X	
Semester	½	Child Development 2	H	5073			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)	H	5111-5121			X	X	X
Year	½-3	Hospitality Foods 7 & 8 (Co-op)	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 TC	H	5178	X	X	X	X	
Semester	¾	Medical Terminology TC	H	5186			X	X	
Semester	¾	Human Diseases for the Health Profession	H	5188		X	X	X	X
Semester	¾	Intro to Ed:EDU100	H	5191			X	X	
Semester	¾	Intro to Ed Tech:EDU140	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 – NORTH HIGH SCHOOL ONLY

Course Length	Credit	Name of Course	Level	Course Number	9	10	11	12	Prerequisite
Semester	½	ECE: Child Development TC	H	5069		X	X	X	
Semester	½	Child Development 2	H	5073			X	X	X
Year	1-3	ECE: Foundations of Education TC	H	5153			X	X	X
Semester	½	ECE: Infant and Toddler Development TC	H	5193		X	X	X	X
Semester	½	ECE: Health, Safety & Nutrition in Childcare TC	H	5194		X	X	X	X
Semester	½	Housing & Interior Design	R	5075	X	X	X	X	
Semester	½	Interior Design II TC	H	5077	X	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	Textiles TC	H	5083		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
Semester	½	Culture of Healthcare TC	H	5178	X	X	X	X	
Semester	¾	Medical Terminology TC	H	5186			X	X	
Semester	½	Digital Literacy for Healthcare TC	H	5176		X	X	X	X
Semester	½	EDUC 208: Concepts, Issues and Field Experience in Education TC	H	5190			X	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 9<sup>th</sup> – 12<sup>th</sup> grade career maps for Education and Human Services, Fashions, Textiles & Clothing, Food Service, Health Care, and Interior Design at the following SASD web site: <https://www.sheboygan.k12.wi.us/programs/academic-career-planning>

### Possible Career Pathways:



**5060 PERSONAL AND FAMILY FINANCE**  
Grades 10, 11 & 12  
Prerequisites: None

**South High School only**  
Semester Course - ½ credit  
Regular



This course meets the Wisconsin Model Academic Standards for Personal Financial Literacy. Imagine your financial future in a new light! In the 21<sup>st</sup> 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



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.

**5069 ECE: CHILD DEVELOPMENT TC**  
Grades 10, 11 & 12  
Prerequisites: None

**North High School only**  
Semester Course - ½ credit  
Honors



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 Abusive Head Trauma. 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. A student who successfully completes this class with a "C-" or better will be eligible to receive college credit in area technical colleges. **Successful completion of this course is a prerequisite for enrolling in Child Development 2. This course qualifies for credit with FVTC.**

**5072 CHILD DEVELOPMENT 1**  
Grades 10, 11 & 12  
Prerequisites: None

**South High School only**  
Semester Course - ½ credit  
Regular



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 Abusive Head Trauma. We will also examine how attitudes about childhood, parents 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.**

**5073 CHILD DEVELOPMENT 2 (DPI ACCT Certifying Course)**

Grades 11 & 12

Semester Course - ½ credit

Prerequisites: ECE: Child Development (North)  
Child Development 1 (South)

Honors



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 ECE: Child Development/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 or an ECE elective at the are technical colleges. 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).

**5153 ECE: FOUNDATIONS OF EDUCATION TC  
CHILD SERVICES CO-OP**  
**DPI Cert. Available**  
Grades 11 & 12

**North High School Only**  
Year Course – 1-3 credits  
Honors



Prerequisite: Passing grade in previous Family & Consumer Education class related to their job interest and teacher approval as well as ECE: Child Development & Child Development II

This course fulfills the requirements for the WI Child Care Teacher Cooperative Education Certification. Students are introduced to the early childhood profession through 480 hours paid work experience in a licensed child care center as well as course assignments. Course competencies include: explore the concepts of diversity, cultural responsiveness, and anti-bias as it relates to early childhood education, investigate the history of early childhood education, examine regulatory requirements for early childhood programs in Wisconsin, summarize types of early childhood education settings., identify the components of a quality early childhood education program, summarize responsibilities of early childhood education professionals, explore early childhood curriculum model and examine the critical role of play as it relates to developmentally appropriate practice. **This course qualifies for credit with FVTC.**

**5193 ECE: INFANT & TODDLER DEVELOPMENT TC - North High School only**  
Grades 10, 11 & 12  
Prerequisites: ECE: Child Development

Semester Course – ½ credit  
Honors



This course covers infant and toddler development as it applies to an early childhood education setting. Course competencies include: integrate strategies that support diversity, cultural responsiveness, and anti-bias perspectives, analyze the development of infant and toddler (Conception to thirty-six months) correlate prenatal and postnatal conditions with development, summarize child development theories, analyze the role of heredity and the environment, examine culturally and developmentally appropriate environments for infants and toddlers, examine the brain development in early learning (conception through thirty-six months).

Examine caregiving routines as curriculum and examine developmental and environmental assessment strategies for infants and toddlers. **Students can earn an extra certification in Infant and Toddler through WI State DPI. Successful completion of ACCT (Child Development 2) along with 10 extra hours will allow for Infant and Toddler Certification.**

**This course qualifies for credit with FVTC.**

**5194 ECE: HEALTH, SAFETY & NUTRITION IN CHILDCARE TC (Technical College Teacher's Aide Cert)**

Grades 10, 11 & 12

Prerequisites: ECE: Child Development

North High School Only

Semester Course – ½ credit



This course, combined with ECE: Child Development, meets the requirements towards Fox Valley's Teacher's Aide Certification. Students will examine the topics of health, safety and nutrition within the context of the early childhood educational setting. Course competencies include: integrate strategies that support diversity, cultural responsiveness and anti-bias perspectives, examine governmental regulations and professional standards as they apply to health, safety and nutrition, plan a safe early childhood environment, plan a healthy early childhood environment, plan nutritionally sound menus, examine child abuse and neglect issues and mandates, describe Sudden Infant Death Syndrome (SIDS) risk reduction strategies, describe strategies to prevent the occurrence of Abusive Head Trauma (AHT), incorporate health, safety and nutrition concepts into the children curriculum. **This course qualifies for credit with FVTC.**

**5075 HOUSING AND INTERIOR DESIGN**

Grades 9, 10, 11 & 12

Prerequisites: None

**North High School only**

Semester Course – ½ credit

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.

**5077 INTERIOR DESIGN II TC**

Grades 9, 10, 11 & 12

Prerequisites: Housing and Interior Design

**North High School only**

Semester Course – ½ credit

Honors



This second course of Interior design reviews the basic elements, materials and mathematics of interior design with further exploring topics such as furniture arranging and the treatment of windows, walls and floors. **This course qualifies for credit with FVTC.**

**5080 FASHION, FABRICS & CONSTRUCTION 1**

Grades 9, 10, 11 & 12

Prerequisites: None

**North High School only**

Semester Course - ½ credit

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 & CONSTRUCTION 2**

Prerequisites: Fashion, Fabrics and Construction 1

**North High School only**

Semester Course - ½ credit

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

Prerequisites: None

**North High School only**

Semester Course - ½ credit

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.



**5083 TEXTILES TC**  
Grades 10, 11 & 12  
Prerequisite: Textiles and Fiber Arts or  
Instructor recommendation

**North High School only**  
Semester Course – ½ credit  
Honors



Study textiles as they appear in interiors, taking the student from fiber to fabric. Topics include fibers, yarn, fabric construction, finishes and decorating techniques. Emphasis is on selection, care, use and textile legislation as related to the field of interior design. **This course qualifies for credit with FVTC.**

**5101 CULINARY ARTS 1 (Foundations of Culinary Arts)**

Grades 9, 10, 11 & 12  
Prerequisites: None

Semester Course - ½ credit  
Regular



In this course, students will learn food preparation and nutrition through “hands-on” experiences. Students will also have opportunity to explore the nutritional aspects of food while expanding their food preparation skills. Some units covered are: kitchen tools and utensils, safety and sanitation, reading recipes, measurements, nutrition, proper equipment use, knife skills, as well as cooking and baking terminology.

**5102 CULINARY ARTS 2**

Grades 9, 10, 11 & 12  
Prerequisites: Foundations of Culinary Arts  
or concurrently enrolled

Semester Course - ½ credit  
Regular



In this course, students will learn basic baking fundamentals and 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, pudding and mousses.

**5103 CULINARY ARTS 3**

Grades 9, 10, 11 & 12  
Prerequisites: Foundations of Culinary Arts  
or concurrently enrolled

Semester Course - ½ credit  
Regular



In this course, students will concentrate on cooking methods and food production as applied to individual meal components. Students will also learn about gourmet cooking and entertaining principles when it comes to American regional cuisine. Units covered are: stocks, sauces, soups, fruits, and vegetables, garnishing, pastas and grains, eggs and dairy meal planning. Wisconsin regional cuisine, and United States regional cuisine.

**5104 CULINARY ARTS 4**

Grades 9, 10, 11 & 12  
Prerequisites: Foundations of Culinary Arts  
or concurrently enrolled

Semester Course - ½ credit  
Regular



In this course, students will learn about the production and plating of full meals. Emphasis is given to the preparation of entrees based on meat, poultry and seafood. This course also covers global cuisine by country. Some of the units that are covered are: international cuisine, seasonings, meat preparation, plating and design, table settings, food science and current culinary world.

**5175 INTRODUCTION TO MEDICAL OCCUPATIONS - South High School only**

Grades 9, 10, 11 & 12  
Prerequisites: None

Semester Course - ½ credit  
Regular



This course prepares students for making a career decision in a healthcare 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 healthcare 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 healthcare worker are also discussed. Students will also be required to participate in activities that require written and oral communication.

**5178 CULTURE OF HEALTHCARE TC**  
**WTCS Healthcare Customer Service Cert**  
 Grades 9, 10, 11 & 12  
 Prerequisites: None  
 North: FVTC/South: LTC

Semester Course - ½ credit  
 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. **This course qualifies for credit with LTC and FVTC.**

**5186 MEDICAL TERMINOLOGY TC**  
**WTCS Healthcare Customer Service Cert**  
 Grades 11 & 12  
 Prerequisites: None  
 North: FVTC/South: LTC

Semester Course – ½ credit  
 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. **This course qualifies for credit with LTC and FVTC.**

**5188 HUMAN DISEASES FOR THE HEALTH PROFESSION – South High School only**  
 Grades 10, 11 & 12  
 Prerequisites: Medical Terminology

Semester Course – ¾ credit  
 Honors



This course focuses on the common diseases of each body system as encountered in all types of healthcare 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.

**5176 DIGITAL LITERACY FOR HEALTHCARE TC - North High School only**  
**WTCS Healthcare Customer Service Cert**  
 Grades 10, 11 & 12  
 Prerequisites: Culture of Healthcare

Semester Course – ¾ credit  
 Honors



Digital Literacy focuses on the use of technology in healthcare. Learners use common business software applications, including word processing, presentation, spreadsheet and databases. Communications methods using technology are addressed. Learners gain experience with using the electronic health record (E.H.R) security issues, social media use, and digital healthcare resources are examined. This course, taken with Culture of Healthcare and Medical Terminology, leads to an industry certificate called Healthcare Customer Service Representative Certification. **This course qualifies for credit with FVTC.**

**5190 EDUC 208: CONCEPTS, ISSUES AND FIELD EXPERIENCE IN EDUCATION TC - North High School only**  
 Grades 11 & 12  
 Prerequisites: Standard GPA of 3.0/4.0 scale or teacher recommendation, an interest in the Education Career Pathways positions

Semester Course - ½ credit  
 College course fee: \$300 total (\$100 per credit/3 credits)  
 Honors



This course teaches the practical skills and dispositions needed to work effectively with children, teachers, staff and administrators in the K-12 settings. Through extensive fieldwork students learn the necessary behaviors needed to develop successful relationships with K-10<sup>th</sup> graders, and experience early classroom involvement and individual interactions. The course will not teach you how to teach. Rather, it will help you begin thinking in new and informed ways about teaching and learning.

<b>5191</b>	<b>IN TO ED: EDU100</b> Grades 11 & 12 Prerequisites: None	<b>South High School only</b> Semester Course – $\frac{3}{4}$ credit Honors
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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.

<b>5192</b>	<b>INEDTECH:EDU140</b> Grades 11 & 12 Prerequisites: None	<b>South High School only</b> Semester Course – $\frac{3}{4}$ credit Honors
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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 Prerequisites: Permission of instructor	Semester Course - $\frac{1}{2}$ credit Regular
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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 Prerequisites: Permission of instructor	Semester Course - $\frac{1}{2}$ 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.**

#### **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.

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

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

## 5151-5152 RELATED OCCUPATIONS 1 & 2 (Co-op)

Grades 11 & 12

Prerequisites: Passing grade in previous Family and Consumer Education class related to their job interest and teacher approval

Year Course - ½ - 3 credits

Regular



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. Students have 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

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 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 the work site and LTC campus. A mentor is assigned to the student at the job site.

### ##### LODGING MANAGEMENT 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 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	

**3331 HEALTH**  
 Grades 10, 11 & 12  
 Prerequisites: None

Semester Course - ½ Credit  
 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.

## 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	½	Emergency Medical Technician Part 1	H	5213		X	X	X	
Semester	½	Photography (North only)	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	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:**

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

**North High School only**  
 Semester Course – ½ credit  
 Regular

This course involves the study of digital photography, digital manipulation, camera modes/settings and light control. Students will learn how to take better pictures using rules of composition, how to manipulate a picture, correct its color, heal imperfections, and more, all while learning the industry leading photography software applications of Adobe Lightroom and Photoshop. If a student has access to their own digital camera at home, it is highly recommended that they bring in the camera for this course. Ultimately, students will learn through hands-on experiences, how to take a great picture, edit it, prep it and print it to a variety of materials.

**7151-7152 SPANISH FOR SPANISH SPEAKERS** **South High School only**  
 Grades 9, 10, 11 & 12 Semester Course – ½ credit  
 Prerequisite: Native Spanish Speaker, LEP 1, 2 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 Year Course – 1 credit  
 Prerequisite: None 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 & 11 Year Course - 1 credit  
 Prerequisites: Consent of instructor 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.

**YOUTH TUTORING YOUTH**  
 Grades 11 & 12 Semester Course - ½ credit  
 Prerequisites: Parental 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 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 Semester Course – ½ credit  
 Prerequisites: None 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. 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	Advanced English 3 & 4	R	2260-2261		X			X
Year	1	English 5 & 6	R	1161-1162			X		X
Year	1	Advanced English 5 & 6 (North only)	R	1163-1164			X		X
Year	1	English 5 & 6 CAPP (North only)	H	1165-1166			X		X
Year	1	English 5 & 6 CAPP: Introduction to Critical Thinking (South only)	H	1092(10)-1092(20)			X		X
Semester	½	Career English Skills (North only)	R	1063			X	X	
Semester	½	Composition/Written Communication (South only) TC	H	1067				X	X
Semester	½	Creative Writing	R	1069			X	X	
Semester	½	Advanced (CAPP) Composition (North only)	H	1073				X	X
Semester	½	Exploring Literature (North only)	B	1091			X	X	X
Semester/Year	½ or 1	AP Literature (North only)	H/AP	1095-1096				X	X
Semester	½	Science Fiction	R	1100		X	X	X	
Semester	½	Sports Literature (North only)	R	1105			X	X	
Semester	½	CAPP Modern Literature (South only)	H	1111				X	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	Multimedia Communications 1 & 2	R	1256-1257		X	X	X	
Year	1	Broadcasting 1 & 2 (South only)	R	1131-1132	X	X	X	X	
Year	1	Social Media 1 & 2 (North only)	R	1133-1134			X	X	X
Year	1	Composition for Publications	R	1135-1136		X	X	X	
Semester/Year	½ or 1	Honors Humanities 1 & 2	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.

**2260-2261 ADVANCED ENGLISH 3 & 4**

Grade 10  
Prerequisites: Successful completion of English 1 & 2 with an A grade, plus teacher recommendation

**North High School only**

Year Course – 1 credit  
Regular

Advanced English is designed to challenge students who already have a strong foundation in the essential English Language Arts skills. Advanced reading, writing, and analytical skills are central to the Common Core State Standards. Students will refine the advanced skills necessary for both college and career readiness. Students will engage in reading literature, reading informational text, writing evidence-based arguments, presenting formal and informal speeches, and continue developing proper language usage. *This rigorous course explores texts through a wide variety of world literature and other readings from early times to the present-day. This course is intended as a bridge to other honors/CAPP/AP courses within the department.*

**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 ADVANCED ENGLISH 5 & 6**

Grade 11  
Prerequisites: Completion of English 3 & 4 earning a C+ OR BETTER BOTH SEMESTERS.

**North High School only**

Year Course – 1 credit  
Regular

Advanced English 5 and 6 continues the 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 3/4 at North &amp; South

A or B in Advanced English 3 &amp; 4 or A in English 3/4 and teacher's recommendation.

Standardized test scores and reading test scores.

Requirements set by Lakeland University will be taken into consideration for the students wanting to take this course.

**North High School only**

Year Course – 1 credit

Honors

The CAPP English 5-6 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 from the Pre-Colonial to the Postmodern era. Some authors studied within CAPP English 5-6 include John Winthrop, Herman Melville, Stephen Crane, William Faulkner, Gertrude Stein and Toni Morrison. This course will offer more in-depth analysis and discussion, as well as more extensive writing activities and ACT preparation equivalent to the university course. Students will earn one honors credit of English for the year.

**1092(10)- ENGLISH 5 & 6 CAPP****1092(20) Introduction to Critical Thinking**

Grade 11

Prerequisites: Junior standing

Completion of English 1-4 at South High, at A or B level

Standardized test scores, school reading 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.

**South 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 focuses on the skills of critical thinking as they apply to research, writing, speaking, and listening. Students enrolled in the class will learn advanced research methods and information literacy, logical reasoning and rhetorical analysis, as well as reflective judgement skills. Students who successfully complete both semesters will earn one honors credit of English for the year.

**1063 CAREER ENGLISH SKILLS**

Grades 11 &amp; 12

Prerequisites: Junior/Senior Standing

\*No admission for students enrolled in any honors English courses.

**North High School only**

Semester Course – ½ credit

Regular

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/WRITTEN COMMUNICATION**

Grades 12

Prerequisites: Students taking this course must meet the criteria for the university granting the credit. In addition, students must have successfully completed either English 5-6 or with a C or higher.

**South High School only**

Semester Course – ½ credit

Honors/Dual Credit

**Phases 4, 5.** Composition/Written Communication is a composition course for college-bound students to earn ½ honors credit for high school graduation while earning three college credits through Lakeshore Technical College. Upon successful completion of the course, students will receive the same transcripts from LTC as for students taking classes on the college campus. This course is taught by instructor's holding Master's degrees and approved by Wisconsin's Higher Learning Commission for teaching college level courses in the high school setting.

With its emphasis on academic writing, skills 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.

**1069 CREATIVE WRITING**

Grades 11 &amp; 12

Prerequisites: None

Semester Course – ½ credit

Regular

**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 - ½ credit

Honors/CAPP

**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. The course is limited to 25 students per section. To be eligible for university credit, students must meet the course entry requirements of the credit granting university, and must pass the course. 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 any costs.

**1091 EXPLORING LITERATURE**

Grades 11 &amp; 12

Prerequisite: Junior/senior standing  
No admission for students currently enrolled in any English Honors course.

**North High School only**

Semester Course - ½ credit

Basic

**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.

**1095-1096 AP LITERATURE 1 & 2**

Grades 12

Prerequisite: Teacher recommendation and/or

English 5-6 CAPP or Advanced English 5 &amp; 6 with A/B

**North High School only**

Semester/Year Course - ½ or 1 credit

Honors/Advanced Placement

**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.

Note: AP Literature 1 and 2 are two separate courses and each is worth 1/2 of honors language art credit. Students can take one or the other or both courses. Students who intend to take just one semester are encouraged to take the fall semester, but the classes can be taken independently of each other.

**1100 SCIENCE FICTION**

Grades 11 &amp; 12

Prerequisite: None

Semester Course - ½ credit

Regular

**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 &amp; 12

Prerequisites: None

**North High School only**

Semester Course - ½ 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 *Concussion*. 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 CAPP MODERN LITERATURE**

Grade 12

Prerequisites: Students taking this course must meet the criteria for the university granting the credit. In addition, students must have a successfully completed English 1-6 with a B or higher

**South High School only**

Semester Course - ½ credit

Honors/CAPP

**Phases 4, 5.** CAPP Modern Literature is a literature course for college-bound students to earn ½ 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.

In this course students read, study, discuss, and write about selected 20<sup>th</sup> and 21<sup>st</sup> 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.

To be eligible for university credit, students must meet the course entry requirements of the credit granting university, must pass the course and must pay tuition for three undergraduate credits to Lakeland University.

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

**1113 MYTHOLOGY AND LEGEND**

Grades 11 &amp; 12

Prerequisites: None

Semester Course - ½ 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 &amp; 12

Prerequisites: None

Semester Course - ½ 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. Research-based writing is a required part of this course.**

**1122 SPEECH**

Grades 9, 10, 11 &amp; 12

Prerequisites: None (9<sup>th</sup> 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 &amp; 12

Prerequisites: None

**North High School only**

Semester Course - ½ credit

Regular

**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 &amp; 12

Prerequisites: None

**North High School only**

Semester Course - ½ credit

Regular

**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

**1256-1257 MULTIMEDIA COMMUNICATIONS 1 & 2 North High School only**

Grades 10, 11 &amp; 12

Prerequisites: None

Year Course - 1 credit

Regular

Multimedia Communications 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 will discover a world of emerging technologies and will assume ownership over individual and group audio/video projects. Projects will develop higher order thinking skills, 21<sup>st</sup>-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.

**1131-1132 BROADCASTING 1 & 2**

Grades 10, 11 &amp; 12

Prerequisites: None

**South High School only**

Year Course – 1 credit

Regular

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 21<sup>st</sup> 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 project 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, 21<sup>st</sup> 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 SOCIAL MEDIA 1 & 2**

Grades 11 &amp; 12

Prerequisites: Starting with the 2022/23 school

Year - Multimedia Communications 1 &amp; 2

**North High School only**

Year Course - 1 credit

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 21<sup>st</sup> century citizen. Students enrolled in this course will also have the opportunity to produce content for the North High School social media pages.

**1135-1136 COMPOSITION FOR PUBLICATIONS**

Grades 10, 11 &amp; 12

Year Course – 1 credit

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 the 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 & 2**

Grade 12

Prerequisites: Successful completion of

Advanced English 5 &amp; 6 or English 5 &amp; 6 CAPP

Semester/Year Course - ½ or 1 credit

Honors

Honors Humanities 1 and 2 are two separate courses and each is worth ½ of honors language art credit. Students can take on or the other or both courses. Students who intend to take just one semester are encouraged to take the fall semester, but the classes can be taken independently of each other.

**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.

*South High Only:* Honors Humanities is offered for one semester only (Honors Humanities 1), focusing on the literature and visual arts of the Western world, from the Middle Ages through Modern era. The fundamental questions of the nature and goal of the human experience will be explored critically and collaboratively with research, writing and reading.

**1157-1158 ADVANCED ACTING**

Grades 11 & 12

Prerequisites: Completion of Intro to Theater and Acting

**North High School only**

Year Course - 1 credit

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

Prerequisites: None

**North High School only**

Semester Course - ½ credit

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

Prerequisites: Permission of instructor

**South High School only**

Semester Course - ½ 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.

## MATHEMATICS

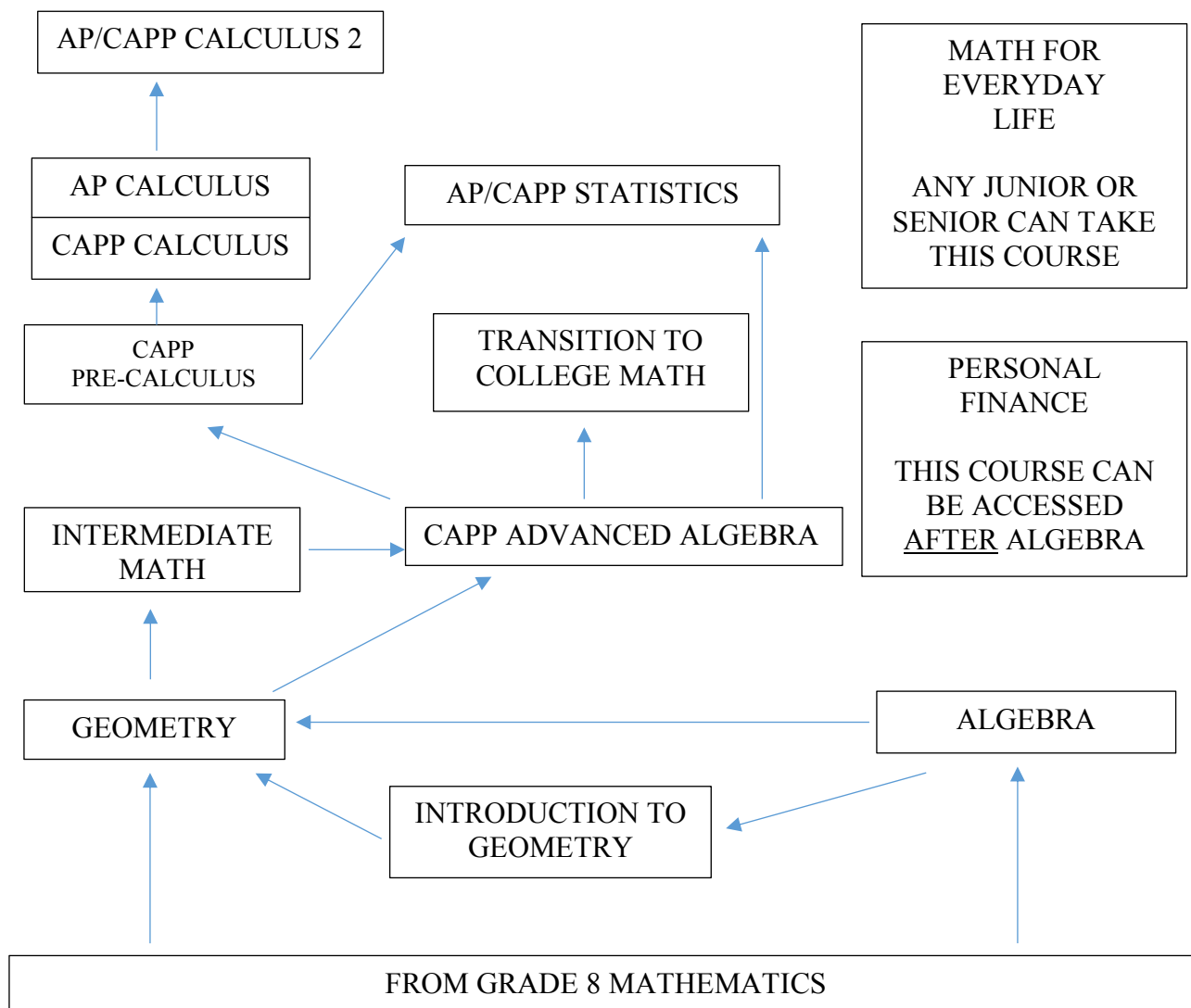
Course Length	Credit	Name of Course	Level	Course Number	9	10	11	12	Prerequisite
Year	1	Intermediate Math	R	1551-1552		X	X	X	X
Year	1	Mathematics for Everyday Life 1 & 2	B	1555-1556			X	X	
Year	1	Algebra 1 & 2	R	1563-1564	X	X	X	X	
Year	1	Geometry 1 & 2	R	1571-1572	X	X	X	X	X
Year	1	Transition to College Math & Statistics 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 (South Only)	R	1581-1582	X	X	X	X	X
Year	1	CAPP Advanced Algebra 1 & 2 (North Only)	H	1647-1648	X	X	X	X	X
Year	1	AP/CAPP Statistics 1 & 2 (North only)	H/AP	1587-1588			X	X	X
Year	1	CAPP Pre-Calculus 1 & 2 (North only)	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 (North only)	H	1597-1598			X	X	X
Year	1	AP/CAPP Calculus 3 & 4 (North only)	H/AP	1596-1599			X	X	X
Year	1	Personal Finance (North only)	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 &amp; 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 &amp; 12

Prerequisites: None

Year Course - 1 credit

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 &amp; 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 &amp; 12

Prerequisites: Algebra 1 &amp; 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 & STATISTICS 1 & 2**

Grade 12

Prerequisites: Advanced Algebra 1 &amp; 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 &amp; 12

Prerequisites: Algebra 1 &amp; 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 &amp; 12

Prerequisites: Geometry 1 &amp; 2

**South High School only**

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.

**1647-1648 CAPP ADVANCED ALGEBRA 1 & 2**

Grades 9, 10, 11 &amp; 12

Prerequisites: Geometry 1 &amp; 2

**North High School only**

Year Course – 1 credit

Honors

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/CAPP STATISTICS 1 & 2**

Grades 11 &amp; 12

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

**North High School only**

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 &amp; 12

Prerequisites: Advanced Algebra 1 &amp; 2

**North 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.

**1593-1594 AP CALCULUS 1 & 2**

Grade 11 &amp; 12

Prerequisites: Pre-Calculus 1 &amp; 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

**North High School only**  
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/CAPP CALCULUS 3 & 4**  
Grade 11 & 12  
Prerequisites: Calculus 1 & 2

**North High School only**  
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

**North High School only**  
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 - ½ 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 - ½ credit

Regular

This course meets the Wisconsin Model Academic Standards for Personal Financial Literacy. Imagine your financial future in a new light! In the 21<sup>st</sup> 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 ½ 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 applications will be used for data entry. This is a must-class for anyone considering a college degree in 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  
Prerequisites: None

Year Course - 1 credit  
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  
Prerequisites: None

Year Course - 1 credit  
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	Honors Symphonic Band	H	3555-3556			X	X	X
Year	1	Jazz Ensemble	R	3557-3558		X	X	X	X
Year	1	Honors Jazz Ensemble	H	3559-3560			X	X	X
Year	1	Raider Band	R	3561-3562	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	Honors Concert Orchestra	H	3573-3574			X	X	X
Year	1	Mixed Choir	R	3583-3584	X	X	X	X	
Year	1	Concert Choir	R	3601-3602	X	X	X	X	X
Year	1	Honors Concert Choir	H	3603-3604			X	X	X
Year	1	Northern Lights	R	3621-3622	X	X	X	X	X
Year	1	Honors Northern Lights	H	3623-3624			X	X	X
Year	1	Raider Band & Mixed Choir	R	3629-3630	X				X
Semester	½	Piano Lab	R	3700	X	X	X	X	
Semester	½	Independent Study	R		X	X	X	X	X
Semester	½	Independent Study	H				X	X	X

### **3551-3552 CONCERT BAND**

Grades 10, 11 & 12

Year Course - 1 credit

Prerequisites: Successful completion of Raider Regular

Band or permission of high school band 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

Year Course - 1 credit

Prerequisites: Successful completion of

Regular

Concert Band and instructor approval

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 HONORS SYMPHONIC BAND**

Grades 11 &amp; 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 weekly private lessons, either at school or in the community. In addition, honor level students are expected to choose and complete a major project 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 &amp; 12

Year Course – 1 credit

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

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 HONORS JAZZ ENSEMBLE**

Grades 11 &amp; 12

Year Course – 1 credit

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

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

Year Course - 1 credit

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

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 festivals. 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.**



**3565-3566 HONORS CONCERT BAND**

Grades 11 &amp; 12

Prerequisites: Successful completion of  
Concert Band - Regular Credit

Year Course - 1 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 weekly private lessons, either at school or in the community. In addition, honor level students are expected to choose and complete a major project 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 &amp; 12

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

Year Course - 1 credit

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 &amp; 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 HONORS 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. Those include completing an extensive review of a fine arts event and one major project each semester, approved in advance by the instructor. Honors Concert Orchestra students who are also required to perform at least one event at the annual district solo/ensemble music festival and 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 beginning high school singers. 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. **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.**

### 3601-3602 CONCERT CHOIR

Grades 9, 10, 11 & 12

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

Year Course - 1 credit

Regular

This choir of advanced 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 and B. 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 HONORS CONCERT CHOIR

Grades 11 & 12

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

Year Course - 1 credit

Honors

This choir meets as part of Concert Choir. In addition to the regular requirements for this course, students will be expected to complete one major project along with other smaller additional requirements. "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 9, 10, 11 & 12

Year Course - 1 credit

Prerequisites: **Audition required**;

Regular

simultaneous enrollment in Concert Choir,

Concert Orchestra, or Symphonic or Concert Band is required

Northern Lights is a premier Performing vocal ensemble of 12-20 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 performances, about 25–35 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.**

Cost: The purchase of dress shoes/character shoes is required. The director will give further details as the new school year commences.

### 3623-3624 HONORS NORTHERN LIGHTS

Grades 11 & 12

Year Course - 1 credit

Prerequisites: **Audition required**; simultaneous

Honors

enrollment in Concert Choir, Concert Orchestra,

or Symphonic or Concert Band is required

This choir meets as part of Northern Lights. In addition to the regular requirements for this course, students will be expected to complete one major project along with other smaller additional requirements. “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

Year Course - 1 credit

Prerequisites: Middle school band experience

Regular

or approval of high school band director

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. **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

Prerequisites: None

Semester Course -½ credit

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 \$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

Prerequisites: Permission of instructor

Semester Course - ½ credit

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

Prerequisites: Permission of instructor

Semester Course - ½ 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 courses in the subject area.**

## 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	Honors Symphonic Band	H	3555-3556			X	X	X
Year	½	Jazz Ensemble	R	3557-3558	X	X	X	X	X
Year	½	Honors 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	Honors 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	Honors Concert Choir	H	3603-3604			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	½	Independent Study	H				X	X	X

### **3551-3552 CONCERT BAND**

Grades 10, 11 & 12

Prerequisites: Successful completion of  
Redwing Band or instructor approval

Year Course - 1 credit

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.**

### **3555-3556 HONORS SYMPHONIC BAND**

Grades 11 & 12

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

Year Course - 1 credit

Honors

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. 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.**

### **3557-3558 JAZZ ENSEMBLE**

Grades 9, 10, 11 & 12

Prerequisites: Must be simultaneously  
enrolled in Symphonic, Concert  
or Redwing Band

Year Course - ½ credit

Regular

This group is organized for students playing music of class "C" to "B" in difficulty. Jazz Ensemble II 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 Tuesday and Friday and scheduled Resource Mods by the instructor.

**3559-3560 HONORS JAZZ ENSEMBLE**

Grades 9, 10, 11 &amp; 12

Year Course - ½ credit

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

Honors

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.

**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 &amp; 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.**

**3577-3578 HONORS CHAMBER ORCHESTRA**

Grades 10, 11 &amp; 12

Year Course - 1 credit

Prerequisites: Approval of instructor required

Honors

Chamber Orchestra is open to sophomores 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.**

**3581-3582 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. Cost: \$10.00 for uniform cleaning.

**3591-3592 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. Cost: \$10.00 for uniform cleaning.

**3603-3604 HONORS CONCERT CHOIR**

Grades 11 & 12  
Prerequisites: Audition required; enrollment only with permission of instructor

Year Course – 1 credit  
Honors

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. Cost: \$10.00 for uniform cleaning.

**3613-3614 SOUTH HIGH SINGERS**

Grades 10, 11 & 12  
Prerequisites: Audition required, simultaneous enrollment in Concert Choir is required

Year Course – ½ credit  
Honors

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. Cost: \$10.00 for uniform cleaning.

**INDEPENDENT STUDY**

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

Semester Course - ½ 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 - ½ 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 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	Individual Activities (North only)	R	3112		X	X	X	X
Semester/Year	½	Lifetime Fitness	R	3138		X	X	X	X
Semester/Year	½	Raider Strength 1 & 2 (North only)	R	3145-3146	X	X	X	X	X
Semester	½	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

Prerequisites: Completed 1 credit towards

PE Graduation Requirement

(MAX CLASS SIZE - 36 due to equipment availability)

Semester Course - ½ credit

Regular

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.**



<b>3092</b>	<b>FITNESS FOUNDATIONS</b>	<b>North High School only</b>
	Grade 9	Semester Course - ½ 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.**

<b>3102</b>	<b>INTRAMURALS</b>	<b>North High School only</b>
	Grades 10, 11 & 12	Semester Course - ½ 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.**

<b>3112</b>	<b>INDIVIDUAL ACTIVITIES</b>	<b>North High School only</b>
	Grades 10, 11 & 12	Semester Course – ½ 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, badminton, pickleball, golf, rollerblading, snowshoeing, swimming (water aerobics, lap swims, snorkeling) and group fitness activities (yoga, tabata and other aerobic activities). Most activities are individual based, however team sports will be done periodically throughout the semester.

**\*\*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.**

<b>3138</b>	<b>LIFETIME FITNESS</b>	
	Grades 10, 11 & 12	Semester/Year Course - ½ 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. Example activities: Raider Strength, yoga, pound, zumba, spinning, step aerobics, tabata, swimming (water aerobics, paddle-boarding, fitness swim) and other strength training activities, etc.

**A \$5.00 fee is required for this course.**

**3145-3146 RAIDER STRENGTH 1 & 2**

Grades 9, 10, 11 &amp; 12

Prerequisites: None-for Raider Strength 1

Prerequisites: Pass Fitness Foundations and Pass Raider Strength 1

**North High School only**

Semester/Year Course - ½ 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 &amp; 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 &amp; 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 &amp; 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 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 &amp; 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 &amp; 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 &amp; 12

Semester Course - Non-credit

Prerequisites: Certified Lifeguard (Red Cross) Regular

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 <sup>th</sup> Grade	Wellness 1	½	Semester	Regular	3091	None	*Fulfills graduation requirement
	Women's Wellness 1	½	Semester	Regular	3116	None	*Fulfills graduation requirement
9-12 Grades	Strength Training	½	Semester	Regular	3135-3136	None	Grad Requirement or Elective
9-12 Grades	Strength Training for Women	½	Semester	Regular	3129	None	Grad Requirement or Elective
10-12 Grades	Advanced Strength Training	½	Semester	Regular	3131-3132	Wellness 1 or Women's Wellness 1 AND Strength Training	Grad Requirement or Elective
ELECTIVE ONLY	Honors Strength Training	½	Semester	Honors	3133-3134	Strength Training and Advanced Strength Training	ELECTIVE ONLY
"CHOICES" 10-12 Grades	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	\$25 Bowling Fee
	Blended Physical Education	½	Semester	Regular	3087	Wellness 1 or Women's Wellness 1 and one CHOICE class (1 full credit of PE)	Pre-approval required NOT for Elective Credit
	Women's Wellness 2/3	½	Semester	Regular	3117	Wellness 1 or Women's Wellness 1	
	Individualized PE	½	Semester	Regular	3148-3149	None	Pre-approval required
Elective Only Options	Lifeguard Training	½	Semester	Honors	3195	See Course Description	
	Lifeguarding (for classes)	½	Semester	Regular	9151-9152	See Course Description	
	Adventure Education (11 <sup>th</sup> & 12 <sup>th</sup> graders) (Spring class)	½	Semester	Regular	3193	Wellness 1 or Women's Wellness 1 and one CHOICE class (1 full credit of PE)	
	PE Aide (11-12 Grade)	½	Semester	Regular	3211	PE Application B+ PE Average	
	Independent Study	½	Semester	Regular	3196	See Course Description	

SHS Graduation Requirements MUST PASS:	
Wellness 1/Women's Wellness 1	0.5 Credit (1 class)
2 Choice or Strength classes:  ***One ½ towards graduation requirement allowed per year (state law). Additional classes can be taken as elective credit.	1 Credit (2 classes)

### **9<sup>th</sup> Grade Options**

1. Wellness 1
2. Woman's Wellness 1 (same time as Wellness 1)
3. Strength Training (Elective ONLY)

### **10<sup>th</sup>-12<sup>th</sup> 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

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

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 STRENGTH TRAINING FOR WOMEN**  
Grades 9, 10, 11 & 12  
Prerequisites: None

**South High School Only**  
Semester Course - ½ credit

A section of strength training only intended for women. Only students with a sincere interest in working hard daily should enroll (would be a great step to follow summer Redwing Way). This course will provide a solid lifting experience introduction. Students will learn technique, vocabulary and a process for successfully creating overload to increase strength by monitoring the process weekly. A large focus will be on proper lifting techniques for free weights and other resistances. The goal is to create a level of comfort in any facility worldwide so that you can continue exercise for a lifetime. Weekend homework up to 20 minutes is required as well as printing (school or home).

**\*Students earning a failing grade will need to wait one full semester before re-enrolling\***

**3135-3136 STRENGTH TRAINING**

Grades 9, 10, 11 &amp; 12

Prerequisites: None

**South High School only**

Semester Course - 1/2

Regular

**Only students with a sincere interest in working hard daily should enroll** (would be a great step to follow summer Redwing Way). This course will provide a solid lifting experience introduction. Students will learn technique, vocabulary and a process for successfully creating overload to increase strength by monitoring progress weekly. A large focus will be on proper lifting techniques for free weights and other resistances. The goal is to create a level of comfort in any facility worldwide so that you can continue exercise for a lifetime. Weekend homework up to 20 minutes is required as well as printing (school or home).

**\*Students earning a failing grade will need to wait one full semester before re-enrolling.**

**3131-3132 ADVANCED STRENGTH TRAINING**

Grades 10, 11 &amp; 12

Prerequisites: Wellness 1 or Women's

Wellness 1 &amp; Strength Training

Semester Course - 1/2 credit (may be repeated)

Regular

**Only students with a sincere interest in working hard daily should enroll.** This course builds upon the Strength Training course where you will design your own program based on research as well as learned advanced lifts and theory. Early semester work includes writing this program then updates will be required weekly. Weekend homework to be approximately 20 minutes or less and printed. This course can be repeated as often as you'd like. **\*Students earning a failing grade will need to wait one full semester before re-enrolling.**

**3133-3134 HONORS STRENGTH TRAINING**

Grades 10, 11 &amp; 12

Prerequisites: Students must pass Strength Training AND Advanced Strength Training

Semester Course – ½ credit

Honors

This is an honors level of Strength Training and is recommended for those students who have successfully completed Advanced Strength Training with a B- or better. The additions in this class include REQUIRED: food/nutrition tracking, research and some speed/agility training. You must be self-disciplined because the additional requirements are to be completed as homework.

**“CHOICE” CLASSES****3114 BASIC TEAM ACTIVITIES**

Grades 10, 11 &amp; 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. This course also has a required swim component. A \$5.00 fee is required for this course.

**3194 HIGHLY COMPETITIVE TEAM SPORTS**

Grades 10, 11 &amp; 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 also has a required swim component. A \$5.00 fee is required for this course.

<b>3115</b>	<b>RACKETS/PADDLES/NETS</b> Grades 10, 11 & 12 Prerequisites: Wellness 1 or Women's Wellness 1	<b>Spring class only</b> Semester Course – ½ credit Regular
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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. A \$5.00 fee is required for this course.

<b>3130</b>	<b>REC GAMES</b> Grades 10, 11 & 12 Prerequisites: Wellness 1 or Women's Wellness 1	Semester Course – ½ credit Regular
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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 also has a required swim component. A \$5.00 fee is required for this course. \*Course will have additional \$25 fee for bowling.

<b>3087</b>	<b>BLENDED PHYSICAL EDUCATION (May be offered as an Independent Study Class)</b> Grades 10, 11 & 12 Prerequisites: Wellness 1 or Women's Wellness 1 and one "CHOICE" class (1 full credit of PE) Pre-approval from the teacher is required	
	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 online 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 or Women's Wellness 1 and a "CHOICE" class **with a B or higher average in prior physical education classes.** This class **MAY NOT** be taken as an elective unless approved by the teacher.  
A \$5.00 fee is required for this course.

<b>3117</b>	<b>WOMEN'S WELLNESS 2/3</b> Grades 10, 11 & 12 Prerequisites: Wellness 1 or Women's Wellness 1	Semester Course – ½ credit Regular
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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: Pre-approval 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.

### **ELECTIVE ONLY OPTIONS**

#### **3193 ADVENTURE EDUCATION**

Grades 11 & 12

Prerequisites: Wellness 1 or Women's

Wellness 1 and "CHOICE" class

(1 full credit of PE)

Semester Course - 1/2 credit

Regular

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 with a cost up to \$300 (fundraising options exist).

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

#### **3195 LIFEGUARD TRAINING**

Grades 10, 11 & 12

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.

Semester Course - 1/2 credit

Honors

The Red Cross 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 fee required by the Red Cross for Certification. That fee is adjusted each year. Currently, the fee to be certified is \$40 for 2021.

#### **9151-9152 LIFEGUARDING**

Grades 10, 11 & 12

Prerequisites: Certified Lifeguard (Red Cross)

Semester Course - Non-credit

Regular

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.



**3211 PE AIDE**

This course is for 11 & 12 grade 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. Students need to apply by contacting a PE instructor prior to registration. The PE Department will then review the list of candidates for final approval and notify students and school counselors accordingly.

**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 canceled 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	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 (North only)	R	2091-2092		X	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	Plant Biology 1 & 2 TC	H	2107-2108			X	X	
Year	1	AP Chemistry 3 & 4	H/AP	2131-2132			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	¾	Natural Hazards	H	2157		X	X	X	X
Semester	¾	People, Resources & the Biosphere	H	2158			X	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

(9<sup>th</sup> & 10<sup>th</sup> 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

(9<sup>th</sup> & 10<sup>th</sup> grade only by consent of instructor)

Prerequisites: None

Semester Course – ½ credit

Regular

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

Prerequisites: If you take Biology 1 2061,  
you must also take Biology 2 2062

Year Course - 1 credit

Regular

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.

**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 a related field of study. Students taking this course will step into the role of a biologist, investigating concepts such as: biochemistry, cellular biology, heredity and gene expression, evolution and ecology. Students taking this course have the option to sign up for the Advanced Placement Test, which is given in the second semester (May). This test determines a student's proficiency in biology or may be used to determine placement in college courses. Students will also have the option to apply for CAPP credit through Lakeland University or University of Wisconsin – Oshkosh. See instructor for further details. Lab materials fee of \$15.

**2081-2082 AP/CAPP BIOLOGY 3 & 4**

Grades 11 & 12

Prerequisites: If you take AP/CAPP

Biology 3, you must also take 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. Students can earn CAPP credit through Lakeland University or the University of Wisconsin-Oshkosh.

**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 & 2**  
Grade 10, 11 & 12  
(10<sup>th</sup> grade only by consent of instructor)  
Prerequisites: Successful completion of  
Biology 1 & 2

**North High School only**  
Year Course - 1 credit or Semester Course – ½ 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.

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**  
Grades 11 & 12  
Prerequisites: 2098 Human Body Systems  
preferred. Students without prior completed PLTW -  
biomed courses may be accepted via consent of instructor.  
If you take 2093 Medical Interventions 1-PLTW, you must also  
take 2094 Medical Interventions 2-PLTW.

**South High School only**  
Year Course – 1 credit  
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 11<sup>th</sup> or 12<sup>th</sup> grade students. Lab materials fee of \$15.

**2095-2096 PRINCIPLES OF BIOMEDICAL SCIENCE  
1 & 2 PLTW**  
Grades 9, 10, 11 & 12  
Prerequisites: If you take Principles of  
Biomedical Science 1-PLTW, you must take  
Principle of Biomedical Science 2-PLTW.

**South High School only**  
Year Course – 1 credit  
Regular

Students taking this course will step into the role of various medical professionals, investigating a variety of medical interventions involved in the prevention, diagnosis and treatment of disease as they follow the lives of members of a fictitious family. The course explores maintaining overall health and homeostasis in the human body. Students will explore how to prevent and fight infection; screen and evaluate code in human DNA; prevent, diagnose and treat various diseases, including cancer; and prevail when organs of the body begin to fail. Through these scenarios, students are exposed to a wide range of interventions related to immunology, surgery, genetics, pharmacology, biomedical engineering and diagnostics. This course is designed for 11<sup>th</sup> or 12<sup>th</sup> grade students. Lab materials fee of \$15.

**2097-2098 HUMAN BODY SYSTEMS 1&2-PLTW**

Grades 10, 11 &amp; 12

Prerequisites: If you take Human Body Systems 1-PLTW, you must also take

Human Body Systems 2-PLTW

Sophomores must take Principles of Biomedical Science prior to Human Body Systems

**South High School only**

Year Course - 1 credit

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 a minimum score on the end of course exam is attained. Lab materials fee of \$15.

**2101-2102 CHEMISTRY 1 & 2**

Grades 10, 11 &amp; 12

Prerequisites: Successful completion of Biology 1 &amp; 2, C or better in 1 year of Algebra or consent of instructor

Year Course - 1 credit

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.

**2107-2108 PLANT BIOLOGY 1 & 2**

Grades 11 &amp; 12

Prerequisite: None

**South High School only**

Year Course - 1 credit

Honors

Plant Biology 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.

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.

**2131-2132 AP CHEMISTRY 3 & 4**

Grades 11 &amp; 12

Prerequisites: Chemistry 2

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

Year Course - 1 credit

Honors/Advanced Placement

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

**2141-2142 PHYSICS 1 & 2**

Grades 10, 11 &amp; 12

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

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 &amp; 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.

**2157 NATURAL HAZARDS**

Grades 10, 11 &amp; 12

Prerequisites: Teacher approval for  
Grade 10**South High School only**Semester Course  $\frac{3}{4}$  credit

UWGB Course: Geo Sci 102. Explores the dynamic character of the Earth System by characterizing and understanding the causes and consequences of natural hazards. Hazards considered will include earthquakes, tsunamis, volcanic hazards (local, regional, global scales), meteorological hazards (hurricanes, tornadoes, flooding, coastal erosion) and landslides.

Meets the following requirements for UW-Green Bay General Degree Requirements (GDR)

**2158 PEOPLE, RESOURCES & THE BIOSPHERE South High School only**

Grades 11 &amp; 12

Semester Course  $\frac{3}{4}$  creditPrerequisites: Must have at least a 2.0 Cumulative  
GMA or Top 50% of class with 24 or higher ACT.

UWSP Course: NRES 150. Introduces and explores sustainability of social-ecological systems. Will explore ecological dimensions of natural resources (ex. energy, water, wildlife); social dimensions of natural resources (ex. diversity, ethics, values, environmental justice); paradigms for resource management & economic activity, governance & policymaking, personal lifestyle choices, food production & climate change; examines interconnections & interactions between ecological, social & economic domains; and explore challenges & opportunities faced by natural resources professionals.

**2491-2492 INDEPENDENT STUDY**

Grades 9, 10, 11 &amp; 12

Prerequisites: Permission of instructor

Semester Course - 1/2 credit

Regular

Occasionally a student will request a class, which will be canceled 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	½	World History 3 (South only)	R	2569		X			
Year	1	United States History 1 & 2	R	2571-2572			X		
Semester	½	AP/CAPP United States History 1 & 2	H/AP	2579-2580				X	X
Semester	½	American Economics (South only)	R	2581		X			
Semester	½	AP Macroeconomics	H/AP	2583		X	X	X	
Semester	½	AP Microeconomics	H/AP	2584		X	X	X	
Year	1	AP/CAPP World History 1 & 2 (South only)	H/AP	2587-2588	X	X	X	X	
Year	1	US History 1 & 2 (Blended Ed/Online/North only)	R	2589-2590			X		
Semester	½	Social Issues 1 (South only)	R	2591			X	X	
Semester	½	Social Issues 2 (South only)	R	2592			X	X	
Semester	½	American Civics (South only)	R	2594		X			X
Semester	½	Cultural Anthropology (North only)	R	2597		X	X	X	
Semester	½	Archaeological Anthropology (North only)	R	2598		X	X	X	
Semester	½	Psychology 1	R	2601		X	X	X	
Semester	½	Psychology 2 – 2 <sup>nd</sup> semester only	R	2602		X	X	X	X
Semester	½	AP/CAPP Psychology 1 – 1 <sup>st</sup> semester only	H/AP	2603			X	X	
Semester	½	AP/CAPP Psychology 2 – 2 <sup>nd</sup> semester only	H/AP	2604			X	X	
Semester	½	World Geography Today (South only)	R	2610		X	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	X	
Semester	½	Comparative Western Religions (North only)	H	2625		X	X	X	
Semester	½	Sociology 1	H	2631			X	X	
Semester	½	Sociology 2	H	2632			X	X	X
Semester	½	AP/CAPP Government & Politics: United States 1 & 2	H/AP	2641-2642		X	X	X	
Year	1	AP European History 1 & 2	H/AP	2643-2644			X	X	X
Semester	½	CAPP Gov US 1 & 2 (South only)	H	2649-2650		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 or AP/CAPP World History 1 & 2 – Grade 9
- American Economics or AP Economics & American Civics or CAPP US Government & Politics – Grade 10
- US History 1 & 2 or APUSH – 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 20<sup>th</sup> 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 20<sup>th</sup> 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/CAPP UNITED STATES HISTORY 1 & 2**

Grade 12

Prerequisites: United States History 1 & 2  
or with instructor consent

Semester Course – ½ 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 18<sup>th</sup> 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 20<sup>th</sup> 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 ECONOMICS**

Grade 10

Prerequisites: None

**South High School only**

Semester Course – ½ credit

Regular

This course is designed for students who want answers to important and relevant economic questions that face a citizen on a daily basis. It will explore both macroeconomic and microeconomic concepts to give students a basic understanding of how our economy works. Also included is personal finance to give students financial literacy in topics such as budgets, credit cards, interest rates, taxes, and other pertinent topics. In addition, students will learn about current trends in scams, frauds, and identity theft.

## **2583 AP MACROECONOMICS**

Grades 10, 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 10, 11 & 12

Prerequisites: None

Semester Course - 1/2 credit

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/CAPP WORLD HISTORY 1 & 2**

Grades 9, 10, 11 &amp; 12

Prerequisites: None

**South High School only**

Year Course - 1 credit

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.

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.

**2589-2590 US HISTORY 1 & 2 (Blended Ed/Online)**

Grade 11

Prerequisites: None

**North High School only**

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 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 &amp; 12

Prerequisites: None

**South High School only**

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: 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 &amp; 12

Prerequisites: None

**South High School only**

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.

<b>2594</b>	<b>AMERICAN CIVICS</b> Grade 10 Prerequisites: World History 3	<b>South High School only</b> Semester Course - ½ credit Regular
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*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.

<b>2597</b>	<b>CULTURAL ANTHROPOLOGY</b> Grades 10, 11 & 12 Prerequisites: None	<b>North High School only</b> Semester Course – ½ credit Regular
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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. The semester will focus on cultural and linguistic anthropology. Students will engage with concepts foundational to understanding human culture, past and present, with an emphasis on the holistic nature of anthropology. The course will explore key questions about human diversity in the past, present and future.

Special Note: Students at North High School can receive college credit for this course through Lakeland University. Questions about these options can be directed to the course instructor or the school counselor.

<b>2598</b>	<b>ARCHAEOLOGICAL ANTHROPOLOGY</b> Grades 10, 11 & 12 Prerequisites: None	<b>North High School only</b> Semester Course – ½ credit Regular
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This course is a continuation to the study, applications, and methods of anthropology. Semester subfields will include physical anthropology and archaeology. Students will engage with the concepts foundational to understanding human culture, past and present with an emphasis on the holistic nature of anthropology. The course will explore key questions about human diversity in the past, present and future.

Special Note: Students at North High School can receive college credit for this course through Lakeland University. Questions about these options can be directed to the course instructor or the school counselor.

<b>2601</b>	<b>PSYCHOLOGY 1</b> Grades 10, 11 & 12 Prerequisites: None	Semester Course - 1/2 credit Regular
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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.**

<b>2602</b>	<b>PSYCHOLOGY 2</b> Grades 10, 11 & 12 Prerequisites: Psychology 1	Semester Course - 1/2 credit Regular
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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/CAPP PSYCHOLOGY 1**

Grades 11 &amp; 12

Prerequisites: None

Semester Course - 1/2 credit

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 High School can receive college credit for this course either through Lakeland University or by 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/CAPP PSYCHOLOGY 2**

Grades 11 &amp; 12

Prerequisites: AP Psychology 1

Semester Course - 1/2 credit

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 High School can receive college credit for this course either through Lakeland University or by 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 &amp; 12

Prerequisites: None

**South High School only**

Semester Course - 1/2 credit

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.

**2621 PHILOSOPHY 1**

Grades 11 &amp; 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 &amp; 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 10, 11 & 12 Semester Course - 1/2 credit  
 Prerequisites: None Honors

Students will study the historical background and role of religion in shaping Eastern society. Students then examine the major tenants 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 10, 11 & 12 Semester Course - 1/2 credit  
 Prerequisites: None Honors

Students will study the historical background and role of religion in shaping Western society. Students then examine the major tenants 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.

**2632 SOCIOLOGY 2**  
 Grades 11 & 12 Semester Course - ½ 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 AP/CAPP GOVERNMENT & POLITICS: UNITED STATES I**  
 Grade 10, 11 & 12 Semester Course – ½ credit  
 Prerequisites: None CAPP/Honors/Advanced Placement

The purpose of the course is for students to better understand the foundations of American government. 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 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 exam in mid-May.

**Special Note:** Students at North and South High School can receive college credit for this course through Lakeland University. Students at North or South also have the option of 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.

<b>2642</b>	<b>AP/CAPP GOVERNMENT &amp; POLITICS: UNITED STATES II</b>
Grade 10, 11 & 12	Semester Course ½ credit
Prerequisites: None	CAPP/Honors/Advanced Placement

The purpose of the course is for students to better understand how the current American government works. Students will develop the ability to think critically about 1) the constitutional applications of governmental institutions, 2) the recent political beliefs and behaviors of our citizens, 3) the role of modern political parties, interest groups and the media in the political process, and 4) how specific policies influence citizens at the local, state and national level. 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 exam in mid-May.

**Special Note:** Students at North and South High School can receive college credit for this course through Lakeland University. Students at North or South also have the option of 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.

<b>2643-2644</b>	<b>AP EUROPEAN HISTORY 1 &amp; 2</b>
Grade 11 & 12	Year Course – 1 credit
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 exam in mid-May.

<b>2649-2650</b>	<b>CAPP GOV US 1 &amp; 2</b>	<b>South High School only</b>
Grades 10, 11 & 12		Semester Course – ½ credit
Prerequisites: None		Honors/CAPP

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.

**Special Note:** Students can receive college credit for this course either through Lakeland University or by 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.

<b>INDEPENDENT STUDY</b>	
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.



## TECHNOLOGY EDUCATION

Course Length	Credit	Name of Course	Level	Course Number	9	10	11	12	Prerequisite
Semester	½	Computer Modeling for Robotics	R	6050	X	X	X		
Semester	½	Computer Modeling for Architecture	R	6051	X	X	X		
Year	1	Cisco IT Essentials	R	6055-6056	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
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 (North only)	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
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 9<sup>th</sup>-12<sup>th</sup> grade career maps for Automotive Technician, Automotive Transportation, Electricity & Electronics, Engineering & Architecture, Graphic Communications, Metals & Manufacturing, Woodworking & Construction at the following SASD web site: <http://www.sheboygan.k12.wi.us/schools/hscourses.html>

### 6050

### COMPUTER MODELING FOR ROBOTICS

Grades 9, 10 & 11

Semester Course - 1/2 credit

Prerequisites: None

Regular

Students will explore robotics through the mindset of a mechanical design engineer. They will explore elements of Computer Aided Design such as sketching, extrusions, sculpting, assemblies, technical drawing, rendering and animations. By the end of the class, students will be able to create a complete CAD model of a robot as well as a physical robot that can complete competitive tasks. There are also small elements of programming that are included in this course to allow the robot to complete the necessary tasks.

**6051 COMPUTER MODELING FOR ARCHITECTURE**

Grades 9, 10 &amp; 11

Prerequisites: None

Semester Course - 1/2 credit

Regular

Students will explore architecture through model making and 3D modeling of small structures and homes. We will dive into elements of architectural design such as framing, roofing, fenestrations, interior design, and MEP systems. Students will design a model Tiny Home, 3 bedroom home, and a commercial building within this class.

**6055-6056 CISCO IT ESSENTIALS**

Grades 9, 10, 11 &amp; 12

Prerequisites: None

Year Course - 1 credit

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 &amp; 12

Prerequisites: None

Semester Course - 1/2 credit

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 &amp; 11

Prerequisites: None

Semester Course - 1/2 credit

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. **There is a \$5 shop fee to pay for student project materials.**

**6060 PHOTOGRAPHY**

Grades 9, 10, 11 &amp; 12

Prerequisites: None

**North High School only**

Semester Course - 1/2 Credit

Regular

This course involves the study of digital photography, digital manipulation, camera modes/settings and light control. Students will learn how to take better pictures using rules of composition, how to manipulate a picture, correct its color, heal imperfections, and more, all while learning the industry leading photography software applications of Adobe Lightroom and Photoshop. If a student has access to their own digital camera at home, it is highly recommended that they bring in the camera for this course. Ultimately, students will learn through hands-on experiences, how to take a great picture, edit it, prep it, and print it to a variety of materials.

**6100 POWER MECHANICS**

Grades 9, 10, 11 &amp; 12

Prerequisites: None

Semester Course - 1/2 credit

Regular

Power Mechanics is an introduction to the 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. Alternative energy sources and electric motor control will also be introduced. 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 engines. There is a \$5 shop fee.**

**6101-6102 ADVANCED POWER MECHANICS 1 & 2**

Grades 10, 11 &amp; 12

Prerequisites: Successful completion of Power Mechanics with a C- or above or instructor's permission

Year Course – 1 credit

Regular

It is designed for the student who has demonstrated above-average ability in Power Mechanics. The course includes service work in the care, theory, repair, and overhaul of engines and electrical systems of outdoor power equipment. **There is a \$5 shop fee.**

**6103 AUTOMOTIVE & ELECTRO-MECHANICS 1**

Grades 10, 11 &amp; 12

Prerequisites: None

Semester Course - 1/2 credit

Regular

An introductory automotive and electro-mechanical training course that covers shop safety, tools and equipment, the fundamental principles of operation, common maintenance and service 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 will be responsible for the cost of all repair parts and supplies used on personal vehicles. Students interested in the "Consumer Auto" type course should sign-up for this course. **There is a \$5 shop fee.**

**6104 AUTOMOTIVE & ELECTRO-MECHANICS 2**

Grades 10, 11 &amp; 12

Prerequisites: Automotive &amp; Electro-Mechanics 1

Semester Course - 1/2 credit

Regular

A continuation of 6103, providing more automotive and electro-mechanical training that covers additional topics and systems of the vehicle. The fundamental principles of operation, common maintenance and service procedures, and basic diagnostic procedures of the systems will be the focus of the semester. 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 will be responsible for the cost of all repair parts and supplies used on personal vehicles. **There is a \$5 shop fee.**

**6105-6106 ADVANCED AUTOMOTIVE & ELECTRO-MECHANICS 1 & 2**

Grades 11 &amp; 12

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

Year Course - 1 credit

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 will be responsible for the cost of all repair parts and supplies used on personal vehicles. **There is a \$5 shop fee.**

**6111-6112 CAPSTONE AUTOMOTIVE MECHANICS 1**

Grade 12

Prerequisites: Advanced Auto Transportation with a "C-" or above (Recommended) or completion of Auto Trans 1 &amp; 2 with a "B" or above and instructor's permission. Driver's license is required.

Year Course – 1 credit

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.

## **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.	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.

## **6131-6132 PLTW - PRINCIPLES OF ENGINEERING®**

Grades 10, 11 & 12	Year Course - 1 credit
Prerequisites: PLTW – IED or Teacher Approval/Recommendation	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 &amp; 12

Year Course - 1 credit

Prerequisites: None

Regular

Engineers make a world of difference! Students are introduced to the engineering design process, applying math, science, and engineering standards to identify and design solutions to a variety of real problems. They work both individually and in collaborative teams to develop and document design solutions using engineering notebooks and 3D modeling software. Are you ready to design the future? **(PLTW college credit possible)**

**6153-6154 PLTW - DIGITAL ELECTRONICS®**

Grades 10, 11 &amp; 12

Year Course - 1 credit

Recommended Prerequisite:

Regular

PLTW – IED &amp; POE or CEA or CSP

From smartphones 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 &amp; 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 &amp; 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 &amp; 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. In this class you will have the opportunity to get certified in an adobe product.

**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. In this class you will have the opportunity to get certified in an adobe product.

**6227-6228 PLTW – COMPUTER SCIENCE & SOFTWARE ENGINEERING (North High School only)**

Grades 10, 11 &amp; 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 &amp; 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 &amp; 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.**

**6301-6302 WOODS PRODUCTION**

Grades 10, 11 &amp; 12

Prerequisites: None

Year Course - 1 credit

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 &amp; 12

Prerequisites: None

Year Course - 1 credit

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 &amp; 12

Prerequisites: Construction Trades,  
instructor's permission, on pace to graduate

Year Course - 2 credits

Honors

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 &amp; 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 &amp; 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. 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 to 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

Two year program/4 credits per year

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.

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

One year program/4 credits per year

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.

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

One year program/4 credits per year

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.

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/4 credits per year

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.

Honors

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/4 credits per year

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.

Honors

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 &amp; 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 &amp; 12

Prerequisites: French 1A &amp; 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 &amp; 12

Prerequisites: French 2A &amp; 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 every day 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 &amp; 12

Prerequisites: French 3A &amp; 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 &amp; 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 &amp; 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 &amp; 12

Prerequisites: German 1A &amp; 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 &amp; 12

Prerequisites: German 2A &amp; 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 &amp; 12

Prerequisites: German 3A &amp; 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 20<sup>th</sup> 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 &amp; 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 &amp; 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 &amp; 12

Prerequisites: Spanish 1A &amp; 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 &amp; 12

Prerequisites: Spanish 2A &amp; 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 &amp; 12

Prerequisites: Spanish 3A &amp; 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 CAPP SPANISH 5A & 5B\***

Grade 12

Prerequisites: Spanish 4A &amp; 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 (**North High School only**) 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 &amp; 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 &amp; 12

Prerequisites: Chinese 1A &amp; 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 &amp; 12

Prerequisites: Chinese 2A &amp; 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 &amp; 12

Prerequisites: Chinese 3A &amp; 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 &amp; 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 &amp; 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 &amp; 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

### Phoenix rise EMPOWERED, RESILIENT, and TOGETHER!

**Vision:** *Students who desire a real-world approach to learning will experience a blend of innovative and diverse educational opportunities.*

**Mission:** *Central High School, in partnership with community resources, will provide students with supported, personalized learning pathways focused on academic, personal, and social growth.*

- Pro Skills- integrated into everyday curriculum as we practice effective habits
- MentorU program in partnership with Big Brother Big Sisters to provide students the opportunity to connect with community members to learn more about themselves, careers and make post-secondary plans.
- Trimester Schedule
- Class size of 18 or fewer
- Over 13 Industry Recognized Certificates offered to support student ACP goals
- Early College Model- LTC courses offered on site and on LTC campus
  - Onsite College and Career Liaison to support students
- Work Experience program for students ready to take the next step in their post-secondary planning
- Edmentum Online Learning which provides expanded career exploration opportunities
- TeenAge Parenting Program (TAPP) and Parenting Lab- offering pregnant and parenting student support, academics and instructional parenting lab
- Attendance and behavior interventions
- Capstone program- offering accelerated credit recovery using independent courses
- GED Option 2 program
- Leadership Counsel
- Intramural Athletics
- Summer and Night School credit recovery with independent courses

*\*\*Central believes in flexibility related to trauma informed care and equity\*\**



**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.

### Our 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.



## Mastery Transcript Description & Overview

Starting in the 2021-2022 school year, Étude High School will be moving to a new reporting model using the Mastery Transcript. The Mastery Transcript is a portfolio-based transcript that is widely accepted by colleges and universities in Wisconsin UW- Madison, UW - Milwaukee, Lakeland University, and across the United States. This system allows students greater flexibility in how they show their learning. For students, the Mastery Transcript is an evidence-based portfolio that clearly shows their achievements through examples of their projects and helps them define a personalized pathway through their education toward college and career goals. For higher education and employers, the Mastery Transcript is a picture of the 21st Century Skills, content knowledge, interests, strengths, and more of what makes a learner unique. For Étude specifically, the Mastery Transcript allows us to leverage the expertise of our staff to offer courses that are relevant, interdisciplinary, and shaped by the community.

### Credit Areas

There are five major credit areas within the Mastery Transcript. Each course has standards that students need to show mastery of in order to work toward earning foundational or advanced credit in that area. While some of the credit areas are content specific, others, such as habits of professionalism, are present across multiple disciplines. Each interdisciplinary course has two credit areas listed. Other courses are organized by credit area below. Here are the five major credit areas assessed within the Mastery Transcript:

- **Humanities** (English & Social Studies)
- **Science & Technology**
- **Mathematical Reasoning**
- **IDEA** (Creative Thinking)
- **Habits of Professionalism**

### Interdisciplinary Courses

Étude High School offers interdisciplinary courses that allow students to earn academic credit while forming connections with related art or engineering concepts. The interdisciplinary courses are team-taught by teachers who are experts in their content area. This provides students with the unique opportunity to learn new academic knowledge and skills and create, perform, or respond to their learning through the arts or engineering within the course of a semester-long class. Here are the upcoming interdisciplinary course offerings:

#### **A Small Place**

Credit Areas: Humanities and IDEA | Subjects: English & Movement

Course Description: *A Small Place* is an interdisciplinary course inspired by the controversial nonfiction novel, *A Small Place* by Jamaica Kincaid, about Antigua—the lasting effects of British colonialism, criticism of the tourist industry and corruption of Antiguan government. Throughout this course, Étudians will research and analyze a wide variety of multimedia texts about Antigua, Sheboygan, and Native American history in Wisconsin; focused on the themes of tourist and native, colonialism and gentrification, and the cultural importance of movement.

## **US History + Folk Music**

Credit Areas: Humanities and IDEA | Subjects: Social Studies & Music

Course Description: This course examines the development of the United States from the colonial period through the Post-Civil War Era through the exploration of diverse cultural groups and individual perspectives in order to understand how changes in government and human rights also led to musical movements such as: Nationalism, Songs of War, Field Songs, the Blues, Protest Music, and Rock N Roll. Creation of our current form of government, the rationale of its structure, and the overall effectiveness of it provides an ongoing platform for discussion into current events in the U.S. and music's role in shaping the message of the American People.

## **Drama of Cells**

Credit Areas: Science & Technology and IDEA Credit | Subjects: Biology & Drama

Course Description: Dramatics usually focuses on the conflicting goals of human beings. However, rather than asking "Why is this human at odds with that human?" This class simply asks "Why is this human?" Students will study organisms on a microscopic level, from cell division to genetics, and learn about and tell the little stories that make us who we are.

## **Great World Text**

Credit Area: Humanities | Subjects: English (advanced) & Social Studies (advanced)

Great World Text is an advanced English and Social Studies course sponsored by the University of Wisconsin's Center for Humanities. This semester will consist of *The Autobiography of an Ex-Colored Man*, the landmark 1912 novel by James Weldon Johnson. Known only as the "Ex-Colored Man," the protagonist in Johnson's novel is forced to choose between celebrating his African American heritage or "passing" as an average white man in a post-Reconstruction America that is rapidly changing. The course will encounter themes of racial passing, multiracial families, and African-American music traditions.

## **The Afghanistan Project**

Credit Areas: Humanities | Subjects: English & Social Studies

Course Description: The story of Afghanistan is in many ways a very tragic one. Afghanistan is one of the most impoverished nations of the world. It is one of the most war-torn, most ravaged, and most beleaguered of nations. It is a nation that has been beset by invasion, external pressure and internal upheaval since before the time of Alexander the Great. Its people are a people who have endured more than most of us can ever imagine. In fact, for many Afghans, all that has changed in the last one thousand years are the weapons which have been used against so many of them.

## **MicroPlastics**

Credit Areas: Science +Technology and IDEA Credit | Subjects: Science & Engineering

Course Description: Students will be creating a standardized method of collecting microplastics in conjunction with community science members. A mobile application will be created to quantify the amount of microplastics throughout the Great Lakes.

## **Synecdoche, WI**

Credit Areas: Humanities Credit & IDEA | Subjects: English & Drama

Course Description:

syn·ec·do·che

/sə'nekdəkē/

noun

1. a figure of speech in which a part is made to represent the whole or vice versa  
Wisconsin is often considered “flyover country,” a place to ignore on your way from one exciting place to another. Purposeful examination reveals that it’s actually a state rich with rewarding opportunities and experiences, captivating natural history and human history. It is a place with many parts that can be observed, experienced, reflected upon to better understand it as a whole. This class will look beyond the cheese and cows to rethink our state using the professional models of Wisconsin. Together we will create a final interactive Wisconsin experience that captures new images of the place we call home.

## **Applied Physics**

Credit Areas: Science & Technology and IDEA Credit | Subjects: Science & Engineering

Course Description: Applied physics is the application of physics to solve scientific or engineering problems. In this course, students will learn about the fundamental forces and laws that govern the physical world through the design and construction of experiments to discover, study, and utilize said forces and laws. Topics covered will include Dynamics, Electricity and Magnetism, Waves and Wave Energy, and Optics.

## **Human Anatomy & Physiology**

Credit Areas: Science + Technology Credit and IDEA | Subjects: Science & Movement

Course Description: What do we need to understand about our bodies in order to live healthy, happy lives? Why and how does information about health change? Human Anatomy and Physiology employs a systems analysis approach to the structure and function of the human body. This laboratory science course will analyze relationships between body systems and study physiology from the cellular to the systemic level. Yoga will be incorporated, specifically investigating the skeletal, muscular, respiratory, circulatory and nervous systems through postures and breath work. Knowledge from the course will be identified and explored through yoga practices. This course is recommended for those pursuing a career in or related to the health science field and has a substantial laboratory component.

## **US History + Rock Band**

Credit Areas: IDEA and Humanities Credit | Subjects: Music (Advanced Credit) & Social Studies (Advanced Credit)

Course Description: This course examines the development of the United States from the Progressive Era through the post Vietnam War Era through the exploration of diverse cultural groups and individual perspectives in order to understand how changes in government and human rights also led to musical movements. Evolution of our current government and political culture, and the overall effectiveness of these provides an ongoing platform for discussion into current events in the U.S. and music’s role in shaping the message of the American People. The course looks to connect previous eras of music, culture, and historical events that led to the development of the “American Rock Band” sound. Music skills developed will be on a variety of instruments (including: guitar, bass, drums, vocals, and keyboard) as well examining lyrical content, writing strategies, and stylistic practices needed to learn, and create music within the “Rock Band style”.

### **The Sixth Extinction**

Credit Areas: Humanities and Science & Technology | Subjects: English & Science

Course Description: There have been five great die-offs in history—Ordovician-silurian, Devonian, Permian-triassic Triassic-jurassic and Cretaceous. These past die-offs have been caused by drastic changes in climate, asteroid strike, and volcanic eruptions. Humans are now causing great change to the world we know, could we be influencing the next great extinction? This course will research the five great die-offs in history while reading the novel *The Sixth Extinction* by Elizabeth Kolbert, which considers our current evolutionary state.

### **Statistics & Scientific Investigation**

Credit Areas: Science & Technology, Mathematical Reasoning | Subjects: Science and Mathematics

Course Description: Scientists use statistics to make sure they don't get fooled by their own data when they are looking for a pattern or cause and effect relationship in a set of data. Students will learn the basic concepts and goals of statistical reasoning using data from other scientists as well as data they collect in the Sheboygan outdoor environment.

### **Theatrical Production**

Credit Area: IDEA | Subjects: Drama & Movement

Course Description: So, you think you can dance - but can you MAKE dance? Can you use that dance to tell a story? This course will encourage you to use all of your available skills in movement and dramatics, collaborating with your peers to create an original theatrical production. You will use the creative process of automatism to influence movement, character and dialogue. Students will be inspired by each other and various movement forms and theatrical styles- becoming more articulate, dynamic, and daring. Come ready to be inspired!

### **Broadcasting**

Credit Areas: IDEA | Subjects: Drama & Music

Course Description: For a period of time, public airwaves were finite and managed by gatekeepers. Modern digital culture has taken the shackles off, and audiences are hungry for content. This course requires students to create a steady supply of media for publication. All participants will develop a foundation of "writing copy" and using audio engineering techniques, but will be able to specialize in their areas of interest. Are you going to share your music? Star in a radio drama? Host your own radio show? Or be the on-air personality that ties it all together?

### **Now Reporting**

Credit Areas: Humanities & IDEA | Subjects: Social Studies & Drama

Course Description: There is a world of activity happening in your own community. Current media allows students to use their voice to report stories and to reach authentic audiences. Local reporting is a powerful form of civic engagement. This course creates opportunities for students to join conversations that are important to them by learning about current events in the local, state and national scene, and developing the skills to communicate with digital media.

### **Game Design**

Credit Areas: IDEA Credit | Subjects: Drama & Engineering

Course Description: How could gaming structures be used to create your new favorite game? In this course, students will consider what a game is by analyzing the elements that make up all games. Once those elements are identified, students will also make decisions about how to balance those elements for an enjoyable game experience. Students will work collaboratively to design a game from scratch. Student games will be playable, and also have design elements to attract and engage potential consumers.

### **JMKAC Collaboration**

Credit Areas: IDEA and other subjects depending on residencies | Subjects: TBD

Course Description: Collaborate with residences visiting the John Michael Kohler Arts Center. Create new works of art, utilizing a variety of mediums and disciplines. Work with community partners. Share final creations.

### **Disciplinary Courses by Credit Area**

The following courses focus on one subject, academic or seminar, and address a specific credit area. There are no courses designated specifically for the Habits of Professionalism Credit, however students will be working to show mastery in this credit area throughout each of their courses as well as advisory. Here are the courses organized by credit area:

#### **Humanities Credit Area**

##### **Writing Seminar**

Subject: English

Course Description: Writing Seminar is an introductory writing course within the Étude High School scholarly community. Students explore original ideas about the world through written communication. Each student will create and develop a digital writing portfolio that will be utilized throughout their career at Étude High School, in order to document the ways they change as a writer, thinker, innovator.

##### **Dystopian Literature**

Subject: English

Course Description: This course investigates the flawed elements of an ideal society in order to better understand topics relevant in our current society. We will read one dystopian novel as a group and then each student will select a second dystopian novel to analyze individually. We will break down the five characteristics of dystopian literature and research how those characteristics might already be happening in the world around us—government control, environmental destruction, technological control, survival, and loss of individualism.

Prereq: Mead Library Card

##### **The Hero's Journey**

Subject: English

Course Description: What do Harry Potter, Katniss Everdeen, and Percy Jackson have in common? They are all young adults seeking to fulfill their personal legacies on a hero's quest. This course will explore the characteristics of the hero's journey by investigating professional models in young adult fantasy series.

##### **Freshmen Social Studies**

Subject: Social Studies

Course Description: 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 and assignments will heighten the Social Geographers' awareness of perspective. The texts are also aligned with historical studies and social behavior lessons aimed at investigating human nature and societal norms in order to better understand the world at large.

## **Civics & Social Perspectives**

Subject: Social Studies

Course Description: This course is designed to build upon students' practical knowledge and understanding of government and its direct connection to its citizens. In order to analyze how the rights and responsibilities of citizens in Sheboygan are realized, students will engage with a variety of texts, explore various social perspectives, and initiate hands-on experiences with government and non-government organizations in the Sheboygan community. This course will explore the question *What does it mean to be a citizen of Sheboygan?* by engaging as a citizen outside of the classroom. The community is the classroom. Strong Habits of Professionalism required.

## **Science & Technology**

### **Biology**

Subject: Science

Course Description: Our natural world is composed of matter and energy in both living and nonliving things. This course will focus on gathering and analyzing evidence for how the interaction of organisms with their environment has in the past and continues to affect: the heredity of genetic traits in individuals and species, the change in organisms on Earth over time, and the flow of matter and energy through Earth's ecosystems. With the understanding of how organisms and species survive and change, we then investigate some aspects of the impact of human activities on populations and ecosystems.

### **Human Anatomy & Physiology**

Subject: Science

Course Description: What do we need to understand about our bodies in order to live healthy, happy lives? Why and how does information about health change? Human Anatomy and Physiology employs a systems analysis approach to the structure and function of the human body. 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 or related to the health science field and has a substantial laboratory component.

### **Data Science**

Subject: Engineering/Computer Science

Course Description: We live in the Information Age - a time where access to, and creation of information is rapidly increasing. In these data-driven times, the ability to think critically about and with data is more important than ever. This course introduces statistical, computational, and graphical tools for reasoning about the world. Students will learn to generate hypotheses, collect data, fit statistical and mathematical models to data, and evaluate how well these models fit reality.

### **Responsible AI for Computational Action**

Subject: Engineering/Computer Science

Course Description: The field of Artificial Intelligence is so much more than computer science. It encompasses ethics, natural sciences, art, and humanities. This course uses a curriculum developed by educators and researchers at MIT to give students the tools for responsible AI creation. In each module, students learn AI and ethics topics (and supporting computational thinking skills) by researching, ideating, prototyping, and revising a project. These projects vary from chatbots to interactive public art.

## **Mathematical Reasoning**

### **Algebra**

Subject: Math

Course Description: Algebra serves as an introduction into the mathematical world, taking students from the foundations of basic operations and moving toward algebraic problem solving. Algebra focuses on foundational algebraic skills, such as solving equations, factoring, and utilizing properties of functions. By focusing on solving real- world problems through mathematical expression, students will develop a core set of skills that apply beyond the classroom setting.

### **Geometry**

Subject: Math

Course Description: Utilizing Euclidean Geometry as its base, but expanding into both algebra and trigonometry, this year-long course focuses on developing mathematical thought through physical and visual means of expression. Topics covered include the language of geometry (points, lines, planes and angles), reasoning and proofs (paragraph, two column, coordinate), parallel and perpendicular lines, congruent triangles, applications of congruent triangles, quadrilaterals, similarity, right triangles and trigonometry, circles, polygons and area, surface area and volume, coordinate geometry, and transformations.

### **Advanced Algebra**

Subject: Math (Advanced)

Course Description: Advanced Algebra is designed to strengthen foundational algebra skills, as well as delve into higher level concepts. Through the exploration of polynomials, complex numbers and higher level functions, students will develop a theoretical mathematical skill set necessary for all areas of advanced mathematics.

### **Precalculus**

Subject: Math (Advanced)

Course Description: 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. Students will explore a variety of higher-level mathematical skills including high level graphing, linear algebra, limits and more. 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.

## **IDEA (Creative Thinking)**

### **Voice**

Subject: Music

Course Description: The human voice is one of the strongest musical tools that we possess. It allows us to communicate messages, meaning, and expression to text. This seminar is for students who are interested in exploring their voice, and what it can do in a musical context. This will involve traditional singing, in a group or through individual development. Students will learn the mechanics of using their voice and develop their ability to vocalize a variety of styles and musical genres. The seminar is for beginners to advanced.; all you need is to bring your voice; let's find out what it can do.

## **Cinematic Language**

Subject: Drama

Course Description: During Cinematic Language, students must consider film as a visual medium in order to answer the question, "How do we use cinema as a visual language?" Tasks include creating storyboards during pre-production, practicing cinematography in production, and editing with professional software in post-production. Throughout all of this, students must use images, rather than words, to communicate their story.

## **Contemporary Dance**

Subject: Movement

Course Description: Contemporary dance is a deconstruction of ballet and modern. However, the methods of both disciplines produce the foundation. The students will be encouraged to discover versatility, while exploring the movement traditions that drove dance to break new boundaries. We will play with the concept of everyday movement, using experimental forms, and testing the effects of gravity on ourselves as we train our bodies as tools of expression.

## **African & Hip Hop Dance**

Subject: Movement

Course Description: 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. Hip Hop dance refers to street dance styles primarily performed to hip hop music or that have evolved as part of hip hop culture. It includes a wide range of styles primarily breaking, locking, and popping which were created in the 1970's and made popular by dance crews in the United States.

## **Broadway Inspired Dance**

Subject: Movement

Course Description: This class introduces forms found in musical theatre [such as tap and jazz]. We will explore Broadway-style choreography, performing sequences inspired by the musical Hamilton. Don't throw away your shot! Every level of dancer is welcomed.

## **Project Block**

Subject: Dependent on Student Interest

Course Description: Project Block focuses strongly on developing critical thinking and 21st century skills in students through project-based and experiential learning. Throughout the semester, students conduct research, synthesize information, write, revise, and create. Students have the opportunity to explore disciplines of interest as well as make a lasting impact on pressing issues affecting the community and the world at large. Exhibitions of Learning are the culmination of months of intensive thinking and making.

## **College Course Programs and Internships**

Many students at Étude take advantage of the free college courses available to them while in high school. This allows students to take advanced courses we may not offer or dive into an area of interest they have for their future career. In addition, students who have earned the majority of their credits by junior or senior year have the option to take an internship within the school in their area of interest. Here are the different options available to students:



### **Early College Credit Program**

The ECCP allows public high school juniors and seniors who meet certain requirements to take post-secondary courses at a UW System college or university, a Wisconsin tribally controlled college, or a Wisconsin private, nonprofit college or university. The program provides opportunities for high school students to get a head start on an associate or bachelor's degree, to learn more about a field or career of interest, and/or to develop specific skills for entering the workforce immediately after high school graduation.

### **Start College Now**

Start College Now is a program designed to introduce high school students to the world of higher education at a Wisconsin technical school. In addition to getting a first-hand view of the college experience, you can earn both high school and college credit at the same time.

### **Youth Apprenticeship**

Youth Apprenticeship provides training based on Department of Workforce Development youth apprenticeship curriculum guidelines, endorsed by business and industry. In the program, high school students receive instruction from qualified teachers and skilled worksite mentors. Students are simultaneously enrolled in academic classes to meet high school graduation requirements, in a youth apprenticeship related instruction class and are employed by a participating employer under the supervision of a skilled mentor.

### **Étude Studios**

Étude Studios is the home of our student interns. It is a place for students to work independently in a way that both gives back to our Étude community and builds a personal work portfolio. Students that are ready to take on the responsibilities outlined in the [intern descriptions](#) must go through an application process with final approval given by Étude educators based on prior Habits of Professionalism experience. Some of the positions include but are not limited to:

- Visual Media
- Publications + Social Media
- Audio Production
- Greenworks
- Events

Director: Ted Hamm

Phone: 920-459-0950

Location: 834 Virginia Avenue, Sheboygan, WI 53081

Website: [www.etudegroup.org](http://www.etudegroup.org)

School Hours: 7:55am– 3:05pm Monday, Tuesday, Thursday, Friday & 7:55am–2:00pm 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.



830 Virginia Avenue  
Sheboygan, WI 53081  
920-459-0945  
Jason Duff, Principal

### *PERSONAL – FLEXIBLE – IMMERSIVE*

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 a student's unique learning style, interests, aptitudes and schedule. This high school concept combines personalized projects, career and college readiness, immersive face-to-face learning, and online coursework to create a flexible curriculum based on each student's academic and career plan.

### **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, talents, and academic strengths. The plan incorporates various instructional methods, allowing the team to create a challenging and exciting plan for the student's coursework and post-high school plans.

#### **Career & College Readiness**

A key component of the George D. Warriner High School curriculum is incorporation of the Career and College Readiness Curriculum. Students work with their advisor and counselor to ensure that they are Career and College Ready by the time they graduate.

#### **College Credit Opportunities**

**RISING PHOENIX** is a groundbreaking collaboration between Warriner High School and UW-Green Bay, providing students with a future-proofing blend of dual enrollment, ongoing student success coaching and an opportunity to earn a high school diploma and an Associate of Arts and Sciences degree while still in high school, all at no cost to students and their families. Once completed, students receive automatic admission to any UW school. Warriner students apply for admission during their 10th grade year.

For those students seeking to start college without a commitment to a full Associate's degree, the **EARLY COLLEGE CREDIT PROGRAM** allows students to take up to 18 college credits at a public or private Wisconsin college or university at no cost to students and their families.

Many Warriner High students take advantage of **START COLLEGE NOW**, a program that enables students to take courses at LTC during their 11th and 12th grade years at no cost to students and their families. Be the next in a line of Warriner High students to earn an Associate's Degree from LTC by the time you graduate from high school!

Warriner High School's **flexible schedule** allows students to take full advantage of these college credit programs.

**GEAR UP** (Gaining Early Awareness and Readiness for Undergraduate Programs)

GEAR UP assists low-income and first-generation students in obtaining a high school diploma and preparing for and succeeding in college. The program provides one-on-one advising, college visits, personalized mentoring through the first year of college, and eligibility for a college scholarship.

**Maywood Environmental Park**

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, Art, and Math).

**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.

**Online and Blended Classes**

Warriner High School students have the option to take a variety of blended and online courses. through the Wisconsin eSchool Network (WEN). Warriner’s WEN membership provides our students with access to a wide variety of high-quality online classes, including over 20 AP courses. Please see below for a comprehensive listing of fully online or blended classes that students are able to take.

**Graduation Requirements**

Warriner High School students need to complete the same number of credits (23) as students graduating from any SASD High School. However, Warriner requires only one credit of Physical Education. Students also have the flexibility of completing interdisciplinary projects, college classes, and work-based learning for credit.

**Enrollment Procedure and Deadlines**

Students and parents interested in enrolling at Warriner should complete a School Choice Application. The priority window is December 1 and February 8. All other applications are dependent upon available space.

**School Hours and Schedule**

Warriner High School is open from 7:30 a.m. - 3:30 p.m. daily. Students can choose from a variety of schedules, including fully in-person, fully online, or a mix of both. Our in-person schedule mirrors a typical college schedule with classes meeting either M/W/F or T/TH. The M/W/F schedule is a traditional 7-period day, while the T/TH schedule includes longer blocks for courses at either Maywood or our downtown campus.



## HIGH SCHOOL COURSES

Courses offered may vary based on teacher availability or student interest. To view a current listing of courses, go to <a href="https://wen.geniussis.com/publicstudentcourselist.aspx?id=65">https://wen.geniussis.com/publicstudentcourselist.aspx?id=65</a>					
Face to Face Classes	WEN Math	WEN Social Studies	WEN Electives	WEN Electives cont.	WEN Health & Fitness
Face to Face classes	Algebra 1.1 & 1.2 + H	US History 1.1 & 1.2 + H	Intro to Military Careers	Child Development	Personal Fitness
English 1.1 & 1.2	Algebra 2.1 & 2.2 + H	World History 1.1 & 1.2 + H	Human and Social Services	Family and Consumer Science	Adaptive Personal Fitness
English 2.1 & 2.2	Geometry 1.1 & 1.2 + H	World Religions	Careers in Criminal Justice 1.1 & 1.2	Early Childhood Education	Exercise Science
Creative Writing	Liberal Arts 1.1 & 1.2	African American History	Health Careers	Intro to Culinary Arts 1.1 & 1.2	Fitness Fundamentals 1.1 & 1.2
Critical Thinking	Consumer Math 1.1 & 1.2	Criminology	Career Planning	Fashion Design	Fitness Lifestyle Design
Public Speaking 1.1 & 1.2	Pre-Calc 1.1 & 1.2 H	Social Problems 1.1 & 1.2	Cosmetology: 1.1 & 1.2	Interior Design	Health & Personal Wellness
Biology 1.1 & 1.2	AP Calc AB 1.1 & 1.2 H	Personal Psychology	Career Exploration in Finance	<b>Peer Counseling</b>	Health Science 1.1 & 1.2
Chemistry 1.1 & 1.2	AP Calc BC 1.1 & 1.2 H	Intro to Women's Studies	Career Exploration in Dentistry	Hospitality and Tourism: Traveling the Globe 1.1 & 1.2	Medical Terminology
Forensic Science 1.1 & 1.2	Calc Part A & B H	Human Geography	Construction: Fundamentals and Careers	Intro to Manufacturing	Health 1: Life Management
Science for Life 1.1 & 1.2	AP Statistics 1.1 & 1.2H	AP Human Geography 1.1 & 1.2H	Spanish 1.1, 1.2, 2.1, 2.2, 3.1, 3.2, 4.1, 4.2H	Workplace and Internship Readiness	Life Skills (health)
Applied Science 1.1 & 1.2	Trigonometry 1.1 & 1.2H	AP US Govt and Politics H	French 1.1, 1.2, 2.1, 2.2, 3.1, 3.2, 4.1, 4.2H	Family Living	Running
Personal Psychology	Calculus 1.1 & 1.2H	AP Macroeconomics	German 1.1, 1.2, 2.1, 2.2, 3.1, 3.2, 4.1, 4.2H	Real World Parenting	Strength Training
AP Psychology 1.1 & 1.2	Personal Finance 1.1 & 1.2	AP Microeconomics	Chinese 1.1, 1.2, 2.1, 2.2, 3.1, 3.2, 4.1, 4.2H	Child Development	Walking Fitness
Social Problems 1.1 & 1.2	College & Career Math	AP US History 1.1 & 1.2	AP Spanish 1.1 & 1.2H	<b>WEN English</b>	Nutrition and Wellness
World History 1.1 & 1.2	<b>WEN Science</b>	AP Psychology 1.1 & 1.2	AP French 1.1 & 1.2H	English 1.1 & 1.2	<b>WEN Computer Science</b>
US History 1.1 & 1.2	Physical Science 1.1 & 1.2	AP World History 1.1 & 1.2H	AP Art History 1.1 & 1.2	English 2.1 & 2.2	Computer Fundamentals 1.1 & 1.2
PE see advisor for log sheet	Biology 1.1 & 1.2 + H	AP European History 1.1 & 1.2	Digital Arts	English 3.1 & 3.2	Found of Programming 1.1 & 1.2
Theory of Knowledge 1.1 & 1.2 and 2.1 & 2.2	Chemistry 1.1 & 1.2 + H	Economics + H	Digital Photography 1.1 & 1.2	English 4.1 & 4.2 + H	Computer Programming 1.1 & 1.2
Art 1.1 & 1.2	Biotechnology 1.1 & 1.2	Archaeology	Art in World Cultures	Reading and Writing for Purpose	Beginning Programming
Art 2.1 & 2.2	Forensic Science 1.1 & 1.2	American Government	Arts Exploration	Creative Writing 1.1 and 1.2	Intermediate Programming
Maywood Art	Intro to Forestry and Natural Resources	Civics	Art History and Criticism 1.1 & 1.2	AP English Lang & Comp 1.1 & 1.2H	AP Computer Science 1.1 & 1.2H
Comic Art	Physics 1.1 & 1.2 + H	Philosophy: The Big Picture	Art Appreciation	AP English Lit & Comp 1.1 & 1.2H	Game Design 1.1 & 1.2
Project Based Learning	Marine Science 1.1 & 1.2	History of the Holocaust	Music Appreciation	Gothic Lit: Monster Stories	Web Design 1.1 & 1.2
STEAM PBL	Earth Space Science 1.1 & 1.2	Law and Order: Legal Studies	Sports & Entertainment Marketing	Mythology and Folklore	Intro to Social Media
College and Career Readiness 9 <sup>th</sup> -12 <sup>th</sup> Grade	AP Environmental 1.1 & 1.2H	Sociology 1.1 & 1.2	International Business: Global Commerce in the 21 <sup>st</sup>	Journalism 1.1 & 1.2	Augmented and Virtual Reality
Blended Math – ALEKS	AP Biology 1.1 & 1.2 H	Anthropology 1.1 & 1.2	Entrepreneurship 1.1 & 1.2	Lord of the Rings: An Exploration of the Films	Cybersecurity 1.1 & 1.2
Algebra 1.1 & 1.2	AP Physics 1.1 & 1.2 H		International Business	Media and Communications	Network Security 1.1 & 1.2
Geometry 1.1 & 1.2	Anatomy and Physiology 1.1 & 1.2 + H		Marketing Foundations 1.1 & 1.2		Animation 1.1 & 1.2
Algebra 2.1 & 2.2	Physiology		Personal Family Finance		
Pre Calc 1.1 & 1.2	Great Minds in Science				
	Astronomy: Exploring the Universe 1.1 & 1.2				
	Veterinary Science				
	Agri-science 1.1 & 1.2				

## 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:

Jami Hintz  
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 Jason Duff, ACP Coordinator, at 459-6493.

## 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.