

# BADGER



**ENGAGE. EDUCATE. EMPOWER.**  
CREATING AND CONNECTING OPPORTUNITIES FOR EXCELLENCE.

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# BHS Career Planning & Course Guide Website

To view the 2024 - 2025 Badger Career Planning & Course Guide Website click the link below or scan the QR code.

<https://sites.google.com/badger.k12.wi.us/2023-2024-bhs-course-selection/home?authuser=0>



# Message from Principal

Dear Badgers:

The administration, staff, and community of Badger High School take great pride in the overall educational programming that is available to you. The curriculum has been developed to afford every student a variety of experiences and educational opportunities from college transcribed classes to real-world training. It is our sincerest desire that you take advantage of them, make the most of your high school time, and prepare yourself for the post-high school world.

In choosing your courses, be sure that you consult with your school counselor, teachers, and parents/guardians. The requirements for graduation listed in this booklet are very specific. Please examine the requirements carefully and take into account what preparation is needed for your post high school career before making any decisions.

The choices you make are very important and the ability to change courses selected is often difficult once the scheduling process is completed. If you have questions or problems, the staff of Badger High School will be more than happy to help you.

High school is an important stepping stone for your future and can be the best four years of your life so far. Take time in preparing for that future by reading this booklet carefully and working toward graduation with thought and planning.

Be well,

Jenny Straus  
Principal



# Graduation & College Admission Requirements






**BADGER**  
— HIGH SCHOOL —



To view this flyer digitally scan here

## Graduation Requirements

		 <b>BADGER HIGH SCHOOL</b> <b>24 TOTAL Credits</b>	 <b>COMMUNITY &amp; TECHNICAL COLLEGES</b>	 <b>PUBLIC &amp; PRIVATE UNIVERSITIES IN WISCONSIN</b>	<b>HIGHLY SELECTIVE COLLEGES &amp; UNIVERSITIES</b>	
<b>REQUIRED CLASSES</b>	ENGLISH	4 credits	4 credits	4 credits	4 credits <small>INCLUDING AP level &amp; Honors</small>	
	SOCIAL STUDIES	3.5 credits <small>INCLUDING American Government*</small>	3 credits	3 credits	3-4 credits <small>INCLUDING AP level &amp; Honors</small>	
	MATH	3 credits	3 credits	3 credits <small>INCLUDING Algebra 2</small>	4 credits <small>INCLUDING AP level &amp; Honors RECOMMENDED Calculus</small>	
	SCIENCE	3 credits <small>INCLUDING Biology</small>	3 credits	3 credits <small>INCLUDING Biology</small>	3-4 credits <small>INCLUDING AP level &amp; Honors RECOMMENDED Bio, Chem, &amp; Physics</small>	
	PHY ED / HEALTH	1.5 PE credits & 0.5 Health credit	NOT REQUIRED for Admission but required to graduate from BHS			
	Finance	0.5 credit	NOT REQUIRED for Admission but required to graduate from BHS			
	World Language	RECOMMENDED	RECOMMENDED	2 credits of the same language (some schools)	3-4 credits of the same language	
	Electives	8 credits	2 credits	4 credits	4 credits	

\*MUST PASS THE CIVICS TEST PRIOR TO GRADUATION



# Badger High School 4 Year Learning Plan

REQUIRED	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
<b>ENGLISH</b> <i>4 credits</i>	<input type="checkbox"/> English 9 <input type="checkbox"/> Honors English 9			
<b>SOCIAL STUDIES</b> <i>3.5 credits</i>	<input type="checkbox"/> World Cultures <input type="checkbox"/> AP Human Geography			
<b>MATH</b> <i>3 credits</i>	<input type="checkbox"/> Intermediate Algebra <input type="checkbox"/> Algebra 1 <input type="checkbox"/> Honors Algebra <input type="checkbox"/> Honors Geometry			
<b>SCIENCE</b> <i>3 credits</i>	<input type="checkbox"/> Biology <input type="checkbox"/> Honors Biology			
<b>PHY ED</b> <i>1.5 credits</i>	<input type="checkbox"/> Phy Ed 9			
<b>HEALTH</b> <i>0.5 credits</i>	<input type="checkbox"/> Health Education			
<b>FINANCE</b> <i>0.5 credits</i>	NONE AT THIS LEVEL			
<b>WORLD LANGUAGE</b> <i>RECOMMENDED</i>	<input type="checkbox"/> Spanish 1 <input type="checkbox"/> French 1 <input type="checkbox"/> Español para Hispanohablantes			
<b>ELECTIVES</b> <i>8 credits</i>				
<b>24 or more credits</b>	<b>7 - 8 CREDITS</b>	<b>7 - 8 CREDITS</b>	<b>7 - 8 CREDITS</b>	<b>7 - 8 CREDITS</b>



# List of Courses at Badger High School

Course# Course Title	Course# Course Title	Course# Course Title	Course# Course Title
<b>ENGLISH</b>	<b>SCIENCE</b>	<b>WORLD LANGUAGE</b>	<b>ART</b>
<b>9TH CLASS</b> 100101 - English 9 100102 - Hon. English 9	<b>9TH GRADE CLASSES</b> 300101 - Biology 300102 - Hon. Biology	<b>9TH - 12TH GRADE CLASSES</b> 600201 - French 1 (G) 600202 - French 2 (G)	<b>9TH - 12TH GRADE CLASSES</b> 605100 - Art Foundations* 605340 - Art Metals & Jewelry*
<b>9TH - 12TH GRADE CLASSES</b> 100301 - Creative Writing*	<b>9TH - 12TH GRADE CLASSES</b> 300201 - Chemistry 300202 - Hon. Chemistry	600101 - Spanish 1 (G) 600102 - Spanish 2 (G)	605210 - Drawing* 605220 - Painting*
<b>10TH GRADE CLASSES</b> 100030 - English 10 100810 - Hon. English 10	300199 - STEM Chemistry	600300 - Español para Hispanohablantes 1 (G) 600310 - Español para Hispanohablantes 2 (G)	605330 - Pottery 1* 605350 - Sculpture*
<b>10TH - 12TH GRADE CLASSES</b> 100308 - Adv. Creative Writing*	<b>10TH - 12TH GRADE CLASSES</b> 300104 - AP Biology 300203 - AP Chemistry	<b>10TH - 12TH GRADE CLASSES</b> 600203 - French 3 (G) 600103 - Spanish 3 (G)	605240 - Stained Glass 1* 605050 - Art in the Community*
605010 - Yearbook	300080 - AP Environmental Science 301080 - Astronomy*	600104 - Spanish 4 (G) 600320 - Español para Hispanohablantes 3 (G)	<b>10TH - 12TH GRADE CLASSES</b> 605413 - Adv. 2D Design*
<b>11TH GRADE CLASSES</b> 100300 - English 11 100900 - AP English Language & Composition (G)	300208 - Earth Science* 300079 - Environmental Awareness*	600104 - Spanish 4 (G) 600320 - Español para Hispanohablantes 3 (G)	605230 - Photography 1* 605430 - Photography 2*
<b>12TH GRADE CLASSES</b> 100450 - AP English Literature & Composition (G) 100107 - Early Grad English*	300110 - Hon. Anatomy & Physiology 300302 - Hon. Physics	<b>11TH - 12TH GRADE CLASSES</b> 600204 - French 4 (G) (TC) 600110 - Hon. Spanish 5 (G) (TC)	605530 - Pottery 2* 605010 - Yearbook
100312 - English 12 100652 - Senior Studies	300301 - Physics 300209 - Space Science*	600109 - Spanish for Healthcare Careers* 600330 - Español para Hispanohablantes 4 (G) (TC)	<b>11TH - 12TH GRADE CLASSES</b> 605900 - AP Studio 2D Design Portfolio 605910 - AP Studio 3D Design Portfolio 605905 - AP Studio Drawing Portfolio
<b>SOCIAL STUDIES</b>	<b>11TH - 12TH GRADE CLASSES</b> 300303 - AP Physics 300103 - Science Topics: Biology*	<b>12TH GRADE CLASSES</b> 600205 - Hon. French 5 (G) (TC)	<b>BUSINESS &amp; MARKETING</b>
<b>9TH GRADE CLASS</b> 500101 - World Cultures (G)*	300204 - Science Topics: Chemistry* 300304 - Science Topics: Physics*	<b>TECHNOLOGY ENGINEERING</b>	<b>9TH GRADE CLASS</b> 800104 - Introduction to Marketing & Business*
<b>9TH - 12TH GRADE CLASSES</b> 500820 - AP Human Geography (G) 500711 - Applied Economics (G)*	<b>PHY ED &amp; HEALTH</b>	<b>9TH - 12TH GRADE CLASSES</b> 850403 - 3D Printing/Engineering Design 1* 850404 - 3D Printing/Engineering Design 2*	<b>9TH - 12TH GRADE CLASSES</b> 610121 - Computers for Professionals (TC)* every other year (Check course guide)
500280 - Humanities: Cultural Appreciation* 300220 - Wisconsin History*	<b>9TH GRADE CLASSES</b> 700101 - Physical Education 9* 710101 - Health Education*	605700 - Interactive Media 1* 605710 - Interactive Media 2*	800221 - Google & Technology Applications* every other year (Check course guide)
<b>10TH - 12TH GRADE CLASSES</b> 500530 - World History (G) 300940 - AP European History (G)	<b>9TH - 12TH GRADE CLASSES</b> 500202 - Interactive Physical Education	850509 - Electronics Engineering 1 (ES) 850107 - Engineering 1 (TC)	<b>10TH - 12TH GRADE CLASSES</b> 800126 - Personal Finance (TC) (FL)*
500532 - AP World History (G) 500601 - Psychology*	<b>10TH - 12TH GRADE CLASSES</b> 500521 - Individual Sports in Physical Education* 500500 - Strength & Conditioning 1*	665600 - Graphic Communications 1* 665610 - Graphic Communications 2*	800507 - Business & Law 1* 610251 - Business & Law 2 (TC)*
<b>11TH GRADE CLASS</b> 500501 - US History	500510 - Strength & Conditioning 2* 500401 - Stress Management*	850207 - Power Technology 1* 850240 - Power Technology 2 (TC)*	800503 - Business Principles (TC)* 800121 - Digital Marketing (TC)*
<b>11TH - 12TH GRADE CLASSES</b> 500704 - AP Economics: Micro and Macro (G) 500604 - AP Psychology	500200 - Team Sports & Physical Education* 500310 - Trends in Fitness 1* 500320 - Trends in Fitness 2*	665800 - Video Production / Announcements 1* 850307 - Woods 1 (TC)	90400 - Employability Skills* 800541 - Entrepreneurship (G)*
500105 - AP US Government & Politics 500504 - AP US History	<b>11TH - 12TH GRADE CLASSES</b> 500600 - Outdoor Adventure 1* 500610 - Outdoor Adventure 2*	<b>10TH - 12TH GRADE CLASSES</b> 665651 - Advanced Graphics 210411 - AP Computer Science Principles	800531 - Marketing Principles 2 (TC)* 990402 - Sports & Entertain. Marketing (TC)*
500295 - Humanities: Philosophy* 300230 - Prejudice in America (G)*	500512 - Strength & Conditioning 3* 500400 - Water Safety Instructor / Lifeguard*	850202 - Automotive Technology 1 (TC) 210325 - Computer Maintenance & Repair	<b>11TH - 12TH GRADE CLASS</b> 800528 - Adv. Business & Marketing Strat (G) every other year (Check course guide)
<b>12TH GRADE CLASS</b> 100652 - Senior Studies	<b>PERFORMING ARTS</b>	850502 - Engineering - Civil & Architectural (TC) 850465 - Engineering 2 (Principles of Engineering)	<b>FAMILY &amp; CONSUMER SCIENCES</b>
<b>MATHEMATICS</b>	<b>THEATER</b>	400313 - Geometry in Construction (TC) 850102 - Metals 2	<b>9TH - 12TH GRADE CLASSES</b> 820215 - Fashion & Textile Construction 1* 820216 - Fashion & Textile Construction 2*
<b>9TH GRADE CLASSES</b> 400207 - Hon. Algebra 400203 - Intermediate Algebra	<b>9TH - 12TH GRADE CLASSES</b> 230305 - Acting 1* 230325 - Acting 2*	850102 - Metals 2 665830 - Video Production / Announcements 2* 850302 - Woods 2	820101 - Foods 1* 820102 - Foods 2 (G)*
<b>9TH - 10TH GRADE CLASSES</b> 400202 - Algebra	230202 - Introduction to Film Study* 230101 - Technical Theater 1* 230102 - Technical Theater 2*	<b>11TH - 12TH GRADE CLASSES</b> 850222 - Automotive Technology 2B (TC)	<b>10TH - 12TH GRADE CLASSES</b> 820121 - Basic Baking Techniques (TC)*
400304 - Hon. Geometry	230303 - Acting in the Social Community* <b>10TH - 12TH GRADE CLASS</b> 230345 - Acting 3*	950506 - Building Trades 1 90093 - Metals 3 (TC)	820620 - Fashion Design* 820710 - Health, Safety, and Nutrition (TC)*
<b>10TH - 12TH GRADE CLASSES</b> 400405 - AP Statistics 400204 - Algebra 2	<b>MUSIC</b>	850305 - Woods 3 850303 - Woods 4A 850304 - Woods 4B	820525 - Independent Living (FL)* 820108 - Principles of Hospitality (TC)*
400301 - Geometry 400313 - Geometry in Construction (TC)	<b>9TH - 12TH GRADE CLASSES</b> 220500 - AP Music Theory 220305 - Chamber Orchestra	<b>12TH GRADE CLASSES</b> 850214 - Automotive Technology 3 (TC) 950511 - Building Trades 2 850104 - Metals 4	<b>11TH GRADE CLASS</b> 820104 - Culinary Arts 1 (TC)
400210 - Hon. Algebra 2 400306 - Intermediate Geometry 400403 - Sports Statistics* 400401 - Statistics*	220103 - Concert Band 220200 - Concert Choir 220206 - Introduction to Singing	<b>AGRICULTURAL SCIENCE</b>	<b>11TH - 12TH GRADE CLASSES</b> 820504 - Asst. Child Care Teacher (TC)* 820510 - Child Development (TC)*
<b>11TH - 12TH GRADE CLASSES</b> 400530 - AP Calculus AB 400629 - AP Pre-Calculus 400600 - Calculus	220101 - Jazz Ensemble 220151 - Jazz Lab 220510 - Musical Theater Workshop*	<b>9TH GRADE CLASSES</b> 390100 - Agology* 390101 - Agricultural Sciences	820630 - Interior Design (TC)* 820150 - Introduction to Human Services (TC)*
400310 - Intermediate Math 3 400604 - Pre-Calculus & Trigonometry 400800 - Trades Math (TC)	220102 - Treble Clef 220102 - Wind Ensemble 220301 - Bach Group	<b>9TH - 12TH GRADE CLASSES</b> 390999 - Agriculture in the Community (ES)	<b>12TH GRADE CLASS</b> 820105 - Culinary Arts 2 (TC)
<b>12TH GRADE CLASS</b> 400640 - AP Calculus BC	220202 - Percussion, & Music Discovery* 220100 - Symphonic Band 220202 - Treble Clef	<b>10TH - 12TH GRADE CLASSES</b> 390104 - Companion Animals* 390104 - Fish & Wildlife Management*	<b>TC - Transcribed Credit</b>
<b>SCHOOL-TO-WORK</b>	220102 - Wind Ensemble 220301 - Jazz Workshop 220201 - Vocal Ensemble	820103 - Food Science I* 820200 - Food Science II (ES)* 390106 - Greenhouse Management (TC)*	<b>ES - Science Equivalency</b>
<b>11TH &amp; / OR 12TH GRADE PROGRAMS</b> 950571 - Youth Apprenticeship Ag 1 950572 - Youth Apprenticeship Ag 2	655530 - Jazz Workshop 220201 - Vocal Ensemble	390110 - Landscape Design (TC)* 390102 - Animal Science (ES) 390121 - Hon. Animal Science (TC) (ES)	<b>EM - Math Equivalency</b>
950503 - Youth Apprenticeship Marketing 950518 - Youth Apprenticeship Hospitality 1 950538 - Youth Apprenticeship Hospitality 2	<b>LEADERSHIP</b>	390109 - Botany (TC) (ES)* 390212 - Science & Sustainability (TC) (ES) (G)*	<b>G - Global Scholar Program</b>
950544 - Youth Apprenticeship Constr. 1 950545 - Youth Apprenticeship Constr. 2	<b>10TH &amp; 11TH GRADE CLASS</b> 110100 - Leadership*	<b>11TH - 12TH GRADE CLASSES</b> 390996 - Animal Science Internship* 390994 - Biotech. or Food Sci. Internship*	<b>FL - Meets Financial Literacy Requirement  </b>
950514 - Youth Apprenticeship Auto Tech 1 950534 - Youth Apprenticeship Auto Tech 2 950558 - Youth Apprenticeship Manufact. 1 950559 - Youth Apprenticeship Manufact. 2	<b>ENGLISH FOR MULTILINGUAL LEARNERS</b>	390991 - Environmental Internship* 390992 - Plant Internship* 390127 - Biotechnology (TC) (ES)* 390105 - Hon. Veterinary Science (ES)*	<b>* - SEMESTER LONG COURSE</b>
<b>12TH GRADE ONLY</b> 950502 - Career Connect	<b>9TH - 12TH GRADE CLASSES</b> 940100 - English Language Acquisition Level 1 940170 - English Language Acquisition Level 2 940160 - English Language Acquisition Level 3		



# Scheduling Process

Badger High School Counselors, Administration, and staff make every effort to create a schedule of courses requested by students in order to assist each student in developing his or her academic and career capabilities. Courses offered will depend on enrollment requests. A minimum number of students must request a course before the course will be offered.

Early in the second semester of the current school year, students will be asked to select courses they wish to enroll in for the next school year. All students must select a minimum of seven (7) classes per semester. Students and parents are strongly encouraged to go through the course selection process with careful consideration to the selection of courses. It is Badger High School procedure to ***NOT*** make schedule changes after the student's schedule is established, sent to parents, and teachers are assigned classes.

Corrections to student's schedules will be considered ***prior*** to the August registration dates and will be limited to absolutely necessary changes due to:

- Failure in a full year, progressive class
- Course needed to meet graduation requirements
- Students approved for School-to-Work or Early Graduation
- An individual educational plan (IEP) or 504 Plan accommodation
- Student does not meet course prerequisites
- Student recovered credit during summer school

# Course Drop Procedure

Students who are having problems in a course may request to drop the course up to two (2) weeks after the start of each semester, with no grade penalty. Students are allowed to only drop one course per school year. They will receive a grade of "Withdrawal" - (W) on their transcript. *If a course is dropped after the fourth week of the class, a grade of "Failure" - (F) may be assigned to the course for the current and future grade reports. The "F" will appear on transcripts as a semester grade and will be included in the GPA calculations*





# Advanced Placement

## WHAT IS ADVANCED PLACEMENT?

The Advanced Placement Program (AP) is a cooperative educational endeavor between high schools, and colleges/universities, and/or technical colleges. It allows students to enroll in college-level courses while in high school and gives them the opportunity to show mastery by taking an AP exam.

## AP EXAM

AP exams are given during the month of May. Every student takes the same exam at the same time nationwide. Each exam consists of two sections. The first section is made up of multiple-choice questions. The other section consists of free-response questions in various formats: essays, audiotaped responses, analysis of historical documents, extended problem-solving, etc.

## AP GRADES

The AP grading scale is as follows:

- 5 – Extremely well qualified
- 4 – Well qualified
- 3 – Qualified
- 2 – Possibly qualified
- 1 – No recommendation

Students will receive their grade report in July. Most technical colleges, colleges, and universities accept AP scores of 3 or above.

## BENEFITS OF AP

Students will receive credit, advanced placement or both at most colleges and universities. The amount of credit received varies on the college, AP score, and the subject. Some colleges grant up to six college credits for a score of 5. Students are also able to move into a higher level class at college as a freshman. This not only translates into time saved but also financial savings for each credit earned while in high school. It is possible for a student to take enough AP exams to enter college as a sophomore standing.

## COST OF AP EXAMS

Students do have to pay for each exam taken. The cost is \$98 (2024-2025) per exam. A \$40 deposit is required upon registering for an exam. This covers the cost of returning unused exams due to cancellation.

## AP EXAM TIMELINE

<b>October</b>	Registration for AP Exams
<b>May</b>	AP Exams take place
<b>July</b>	Students receive their grade report “on-line”

## ADVANCED PLACEMENT (AP) COURSES

- AP Studio Art 2-D Portfolio Development
- AP Studio Art 3-D Portfolio Development
- AP Studio Drawing
- AP Biology
- AP Pre-Calculus
- AP Calculus AB
- AP Calculus BC
- AP Chemistry
- AP Computer Science Principles
- AP Environmental Science
- AP English Literature and Composition
- AP English Language and Composition
- AP Economics (Macroeconomics and Microeconomics)
- AP French Language and Culture
- AP Human Geography
- AP United States Government and Politics
- AP Psychology
- AP Physics: Mechanics
- AP Spanish Language & Culture
- AP Statistics
- AP U.S. History
- AP European History
- AP World History
- AP Music Theory

## EXAM REGISTRATION AND ORDERING IS IN THE FALL

Fall exam registration supports deeper engagement and focus in AP courses and reflects best practice policies. AP teachers and students have access to a robust set of classroom resources through the College Board’s online system.

Coordinators order exams in October. After the final ordering deadline in November, fees may apply for late orders or cancellations.

For further information, contact any teacher of the courses listed on this page, as well as:

Mrs. Jan Lazzaroni, A.P. Exam Coordinator  
PHONE: (262)348-2000 ext 2603  
EMAIL: [jan.lazzaroni@badger.k12.wi.us](mailto:jan.lazzaroni@badger.k12.wi.us)

Mrs. Kari Strobel  
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# English

[Click here for the English COURSE SEQUENCE](#)

	<b>Course Title</b>	<b>Grade</b>	<b>Pre-Requisites</b>	<b>Length</b>
<b>REQUIRED</b>	<a href="#">English 9</a>	9	NONE	YEAR LONG
	<a href="#">Honors English 9</a>	9	Teacher Recommendation	YEAR LONG
	<a href="#">English 10</a>	10	NONE	YEAR LONG
	<a href="#">Honors English 10</a>	10	Teacher Recommendation	YEAR LONG
	<a href="#">English 11</a>	11	NONE	YEAR LONG
	<a href="#">AP English Language &amp; Composition (G)</a>	11	Teacher Recommendation	YEAR LONG
	<a href="#">English 12</a>	12	NONE	YEAR LONG
	<a href="#">AP English Literature &amp; Composition (G)</a>	12	Teacher Recommendation	YEAR LONG
	<a href="#">Senior Studies</a>	12	Teacher Recommendation	YEAR LONG
	<a href="#">Early Grad English</a>	12	Early Graduate Status	1st SEMESTER
<b>ELECTIVE</b>	<a href="#">Creative Writing</a>	9 - 12	NONE	SEMESTER
	<a href="#">Advanced Creative Writing</a>	10 - 12	Creative Writing	SEMESTER
	<a href="#">Yearbook</a>	10 - 12	NONE	YEAR LONG



## COURSES THAT MEET GRADUATION REQUIREMENTS

### English 9

**100101**

**Prerequisite:** NONE  
**Credit:** 1 credit  
**Grades:** 9th Grade Only

**Description:**

For college-bound and non-college-bound freshmen, the curriculum includes short stories, novels, and drama study along with the development of writing, reading, language, and speaking and listening skills.

### Honors English 9

**100102**

**Prerequisite:** Teacher Recommendation  
**Credit:** 1 credit (HONORS)  
**Grades:** 9th Grade Only

**Description:**

Honors Freshman English is a literature and composition class for college-bound students who have a strong command of language arts skills and study skills. Challenging short stories, novels, drama, poetry, and nonfiction are read, discussed, and analyzed. Writing projects, research, vocabulary development, and language skills are integrated with the study of literature.

### English 10

**100030**

**Prerequisite:** NONE  
**Credit:** 1 credit  
**Grades:** 10th Grade Only

**Description:**

Throughout the course, students will read and analyze short stories, novels, poems, plays, and non-fiction texts in order to become skilled interpreters of literature and the world in which they live. Students will also write expository, narrative, and persuasive essays as well as reader response and reflective journals. Grammar and vocabulary will also be developed through the teaching of writing. Students will be required to give oral presentations. Students will be assessed on their speaking, listening, and discussion skills throughout the semester. Additionally, research will be required for specific writing and speaking projects.

### Honors English 10

**100810**

**Prerequisite:** Teacher Recommendation  
**Credit:** 1 credit (HONORS)  
**Grades:** 10th Grade Only

**Description:**

In preparation for AP English courses, students will read and analyze complex short stories, novels, poems, plays, autobiographies, and other types of non-fiction in order to become skilled interpreters of literature and the world in which they live. Students will also be writing expository, narrative, and persuasive essays, as well as reader response and

reflective journals. Grammar and vocabulary will also be developed through the teaching of writing. Students will be required to give oral presentations. Students will be assessed on their speaking, listening, and discussion skills throughout the semester. Additionally, research will be required for specific writing and speaking projects. This course is recommended for college-bound students who have a strong command of language arts and study skills. The rigor and pace of instruction in this course is intensified.

### English 11

**100300**

**Prerequisite:** NONE  
**Credit:** 1 credit  
**Grades:** 11th Grade Only

**Description:**

This year-long course is a comprehensive study of American literature. In conjunction, students will be expected to complete composition assignments in several academic forms. Grammar and language skills are emphasized throughout the course, with a focus on Lake Geneva Standards established for English Language Arts 11-12.

### AP English Language & Composition (G)

**100900**

**Prerequisite:** Teacher Recommendation  
**Credit:** 1 credit (HONORS)  
**Grades:** 11th Grade Only

**Description:**

This is a two-semester college-level course for all students who choose to hone their language and writing abilities. The course counts for a full credit towards American literature, although authors worldwide are presented; the focus is nonfiction works of varying lengths incorporated with independent reading of classic and contemporary novels. Critical reading of text and analytical writing are taught, with emphasis on the rhetorical strategies used by authors and how they are used to create specific effects. These areas of study will prepare students for the AP English Language and Composition Exam, should they elect to take it. There is the expectation of a summer reading assignment consisting of reading a novel, maintaining a reading journal, participating in online asynchronous discussions, and a formal writing task; these are due upon arrival to the first day of class.



## English 12

100312

**Prerequisite:** NONE  
**Credit:** 1 credit  
**Grades:** 12th Grade Only

**Description:**

This year-long course is a comprehensive study of world literature. In conjunction, students will be expected to complete composition assignments in several academic forms. Grammar and language skills are emphasized throughout the course, with a focus on Lake Geneva Standards established for English Language Arts 11-12.

## AP English Literature & Composition (G)

100450

**Prerequisite:** Teacher Recommendation  
**Credit:** 1 credit (HONORS)  
**Grades:** 12th Grade Only

**Description:**

A demanding college-level English class for those students with outstanding English skills. Major authors, periods, genres, and themes from the 16th - 20th centuries will be studied with careful attention to both textual detail and historical context. Intensive critical reading and analytical writing will be done in preparation for the Advanced Placement English Literature and Composition test. **Concurrent enrollment in Early Grad English is not permitted.**

## Senior Studies

100652

**Prerequisite:** Teacher Recommendation  
**Credit:** 2 credits  
**Grades:** 12th Grade Only

**Description:**

This two-period course fulfills the senior English and social studies requirements. The focus of the course is on the choices and challenges of the future. Some activities include goal setting, interest evaluation, career research, analyzing future educational needs, and finding and applying for a job. Speakers and activities are also planned in partnership with the business community. A variety of consumer issues are discussed, including credit, purchasing a car, insurance needs, and budgeting. Current and classic literature (both fiction and nonfiction) will be used to trace and examine contemporary problems and social issues. Emphasis is placed on communication, both written and oral, and on skills needed for future employment and higher education.

## Early Grad English

100107

**Prerequisite:** Early Graduate Status  
**Credit:** 1/2 credit  
**Grades:** 12th Grade Only

**Description:**

This class runs concurrently with first-semester courses and fulfills the senior English requirement for seniors who are graduating early. Early graduates must also be enrolled in either Senior Studies or English 12.

## ELECTIVE COURSES

### Creative Writing

100301

**Prerequisite:** NONE  
**Credit:** 1/2 credit  
**Grades:** 9th - 12th Grade

**Description:**

This course is designed to allow students to explore their creativity while experimenting with a variety of writing forms. Students will explore the creative process, the writing process, and the art of writing through a workshop format. Independent writing, sharing, and peer evaluation are integral parts of this course. This program will provide a solid base for further exploration of writing.

### Advanced Creative Writing

100308

**Prerequisite:** Creative Writing  
**Credit:** 1 credit  
**Grades:** 10th - 12th Grade

**Description:**

This course will expand the base of creative writing techniques. Students will study and write from a variety of genres, including poetry, short fiction, and screenwriting. Independent writing, sharing, and peer evaluation are integral parts of this course. This class will publish a class anthology and learn about publishing their own work.



# Social Studies

[Click here for the Social Studies COURSE SEQUENCE](#)

	Course Title	Grade	Pre-Requisites	Length
REQUIRED	<a href="#">World Cultures (G)</a>	9	NONE	SEMESTER
	<a href="#">AP Human Geography (G)</a>	9 - 12	Teacher Recommendation	YEAR LONG
	<a href="#">World History (G)</a>	10 - 12	NONE	YEAR LONG
	<a href="#">AP European History (G)</a>	10 - 12	Teacher Recommendation	YEAR LONG
	<a href="#">AP World History (G)</a>	10 - 12	Teacher Recommendation	YEAR LONG
	<a href="#">United States History</a>	11	NONE	YEAR LONG
	<a href="#">American Government</a>	11 - 12	NONE	SEMESTER
	<a href="#">AP United States History</a>	11 - 12	Teacher Recommendation	YEAR LONG
ELECTIVE	<a href="#">Applied Economics (G)</a>	9 - 12	NONE	SEMESTER
	<a href="#">Wisconsin History</a>	9 - 12	NONE	SEMESTER
	<a href="#">Humanities: Cultural Appreciation</a>	9 - 12	NONE	SEMESTER
	<a href="#">Psychology</a>	10 - 12	NONE	SEMESTER
	<a href="#">Prejudice in America (G)</a>	11 - 12	NONE	SEMESTER
	<a href="#">Humanities: Philosophy</a>	11 - 12	NONE	SEMESTER
	<a href="#">AP Economics (G)</a>	11 - 12	Teacher Recommendation	YEAR LONG
	<a href="#">AP Psychology</a>	11 - 12	Teacher Recommendation	YEAR LONG
	<a href="#">AP United States Government &amp; Politics</a>	11 - 12	Teacher Recommendation	YEAR LONG
	<a href="#">Senior Studies</a>	12	Teacher Recommendation	YEAR LONG

## Act 55 – WI Civics Graduation Requirement

WI Act 55 (2015) requires that beginning with the class of 2017, “any student graduating from a Wisconsin high school takes a civics test comprised of 100 questions that are identical to the 100 questions that may be asked of an individual during the process of applying for U.S. citizenship by the United States Citizenship and Immigration Services and the pupil correctly answers at least 65 of those questions.” (Section 3266R, 118.33(lm)(a)1.)

## What this means for students:

- Students must correctly answer at least 65 of the 100 questions identical to the INS citizenship test in order to graduate from a WI public, charter, or private school participating in a parental choice program.
- Students with IEPs must complete the test, but do not have to pass it in order to graduate.
- Students identified as LEP may take the test in their language of choice.



## COURSES THAT MEET GRADUATION REQUIREMENTS

### World Cultures (G)

**500101**

**Prerequisite:** NONE  
**Credit:** 1/2 credit  
**Grades:** 9th Grade Only

**Description:**

This course develops human geography skills. Cultural skills are emphasized as well as basic map and globe skills. Skills are developed through the study of different regional areas such as Asia, Latin America, and sub-Saharan Africa.

### AP Human Geography (G)

**500820**

**Prerequisite:** Teacher Recommendation  
**Credit:** 1 credit (HONORS)  
**Grades:** 9th - 12th Grade

**Description:**

A full-year course geared toward the college-bound student. AP Human Geography course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. Students will interpret maps and analyze geospatial data, understand and explain the implications of associations and networks among phenomena in places, recognize and interpret the relationships among patterns and processes at different scales of analysis, define regions and evaluate the regionalization process, and characterize and analyze changing interconnections among places. Students receiving a passing score on the AP test in May will earn three college credits.

### World History (G)

**500530**

**Prerequisite:** NONE  
**Credit:** 1 credit  
**Grades:** 10th - 12th Grade

**Description:**

World History is designed to acquaint students with the historical background of our present-day world. Course content includes non-Western and Western civilizations. Instruction highlights the economic, political, and social aspects of our emerging world.

### AP European History (G)

**300940**

**Prerequisite:** Teacher Recommendation  
**Credit:** 1 credit (HONORS)  
**Grades:** 10th - 12th Grade

**Description:**

The study of European history since 1450 A.D. introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. Without this knowledge, we would lack the context for understanding the development of contemporary institutions, the role of continuity and change in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse. In addition to providing a basic narrative of events and movements, goals of the course are to develop: a) an understanding of some of the principal themes in modern European history, b) an ability to analyze historical evidence and historical interpretation, and c) an ability to express historical understanding in writing. Students taking this course are expected to take the Advanced Placement Exam.

### AP World History (G)

**500532**

**Prerequisite:** Teacher Recommendation  
**Credit:** 1 credit (HONORS)  
**Grades:** 10th - 12th Grade

**Description:**

The AP World History course places emphasis on worldwide historical processes and connections among the whole gamut of human societies. The course teaches the historical facts in the context of how progressive changes—environmental, social, scientific, and political— influenced the various societies they touched, as well as how these groups interacted with each other. Students use many primary sources to learn how historical analysis works and how they can proceed to make their own informed interpretations of world events, both past and present.

The “big picture” aspect of the course is underscored by its expansive chronology—from around 8000 b.c.e. to the present, broken into five historical periods. Students taking the course are expected to take the Advanced Placement Exam.

### United States History

**500501**

**Prerequisite:** NONE  
**Credit:** 1 credit  
**Grades:** 11th Grade Only

**Description:**

This course is designed to reinforce the student's basic understanding of American history. It is organized around a topical approach that selects basic themes in our past and provides an opportunity for in-depth study of these areas. Basic social, political, and economic issues are addressed.



## American Government

300009

**Prerequisite:** NONE  
**Credit:** 1/2 credit  
**Grades:** 11th - 12th Grade

**Description:**

This semester course is an introduction to the basic concepts of American government, the American political process, and the rights and responsibilities of citizenship. Topics include the constitutional framework, federalism, the three branches of government, including the bureaucracy, civil rights and liberties, political participation and behavior, and policy formation. This course also serves to create more informed

citizens who are prepared to experience the challenges and joys that come from being an actively involved citizen.

## AP United States History

500504

**Prerequisite:** Teacher Recommendation  
**Credit:** 1 credit (HONORS)  
**Grades:** 11th - 12th Grade

**Description:**

This class is designed to prepare students for the AP exam in U. S. History. The course is an in-depth overview of U. S. History, building on prior knowledge from other U. S. History courses taught accelerated.

## ELECTIVE COURSES

### Applied Economics (G)

500711

**Prerequisite:** NONE  
**Credit:** 1/2 credit (1st semester)  
**Grades:** 9th - 12th Grade

**Description:**

This course will give the students a greater understanding of economics ranging from the viewpoint of the individual consumer or small business owner to the global economy. The course will study the law of supply and demand, forms of business, government finances and influence on the economy, money and prices, and inflation cycles. An excellent course for someone interested in understanding what the economy is and how it works. Finally, the course also meets the school's and state's financial literacy requirements.

### Wisconsin History

300220

**Prerequisite:** NONE  
**Credit:** 1/2 credit  
**Grades:** 9th - 12th Grade

**Description:**

This course is a survey of Wisconsin history based on a variety of aspects of the state's past, including Native American perspectives, geography, and geologic influences, French and British influences, territorial experience, and the road to statehood. Early statehood and Civil War, the logging and agricultural eras, the progressive era, 20th century Wisconsin, and government. Also included in the component is a local history project. Students will examine original documents and photographs and create their own historical account of a local interest or evaluation of current local concerns.

Students will also develop research and writing skills as well as technological and group presentation skills. They will have an understanding of their state history as well as factors impacting the community in which they live.

### Humanities: Cultural Appreciation

500280

**Prerequisite:** NONE  
**Credit:** 1/2 credit (2nd semester)  
**Grades:** 9th - 12th Grade

**Description:**

Journey through diverse cultures and artistic expressions in this elective semester-long course. Rooted in the foundations of cultural appreciation, students delve into fundamental concepts such as culture, diversity, and empathy. They reflect on their own cultural biases, fostering self-awareness as the bedrock for genuine cultural appreciation. From the rhythmic beats of African drums to the intricate brush strokes of Chinese calligraphy, students engage in in-depth analyses of diverse cultures worldwide, exploring their historical development, social norms, and rich traditions. The course educates students about the interconnectedness of global cultures, cultivating cross-cultural understanding as a vital life skill. Through hands-on activities like dance workshops, artistic creations, and culinary explorations, the course takes students on an exploration of how artistic forms like literature, visual arts, and performing arts convey cultural narratives and values. They engage in creative projects inspired by cultural elements, using artistic expression to deepen their understanding of diverse cultures not only allowing students to gain appreciation for the arts but also to develop cross-cultural understanding.

This comprehensive course nurtures cultural competence, empathy, and a commitment to social justice, empowering students to thrive in a diverse and interconnected world. It is a captivating journey of cultural exploration, making the world's diverse tapestry come to life.



## Psychology

**500601**

**Prerequisite:** NONE  
**Credit:** 1/2 credit  
**Grades:** 10th - 12th Grade

### Description:

Psychology is a semester elective course open to sophomores through seniors. This course is designed as an introduction to the growing field of psychology. Students will learn the basis of human behavior and mental processes through examining the major psychological perspectives. This course will include many hands-on activities as well as self-reflection and group discussion. Semester psychology is a great place to begin if you have ever wondered how the brain works or why we do what we do.

## Prejudice in America (G)

**300230**

**Prerequisite:** NONE  
**Credit:** 1/2 credit  
**Grades:** 11th - 12th Grade

### Description:

This course will examine notions of race, racism, ethnicity, and the construction of racial, social, and cultural identity across some of the diverse groups which make up "America." We will attempt to understand the concept of race, the construction of an ethnic identity, and the concurrent overlap between the two. The course will cover these topics theoretically and then practically apply this theory to the real, lived lives of American ethnic groups to see how both groups and individuals have racially, culturally, and ethnically defined themselves and continue to define themselves in 21st-century America.

## Humanities: Philosophy

**500295**

**Prerequisite:** NONE  
**Credit:** 1/2 credit  
**Grades:** 11th - 12th Grade

### Description:

This Humanities course is designed to introduce students to the practice of philosophy and several major schools of philosophical thought. Units for the course will include analysis of reason, human nature, ethics, aesthetics, and truth in knowledge. Students will study a diverse selection of philosophical thinkers and corresponding theories. Content will include topics culled from various periods and locations throughout human history. Both Western and non-Western traditions will be explored. The methods of the course focus primarily on inquiry and discussion. Students engage in problem-based learning activities and extensive dialogue throughout the course.

## AP Economics (G)

**500704**

**Prerequisite:** Teacher Recommendation  
**Credit:** 1 credit (HONORS)  
**Grades:** 11th - 12th Grade

### Description:

AP Economics is a college-level, full-year course designed to provide students with a thorough understanding of the principles of economics. AP Economics will emphasize the study of national income, economic performance measures, economic growth, and international economics. AP Economics aims to provide students with a learning experience equivalent to that of a typical college introduction-level economics course. Students will learn to think like economists - to question, to evaluate marginal costs and marginal benefits, to explore the many ways that one action will cause secondary actions. Upon completion of this course, students can pass two AP tests (micro and macroeconomic) and earn up to eight college credits. The course also meets the school's and state's financial planning requirements.

## AP Psychology

**500604**

**Prerequisite:** Teacher Recommendation  
**Credit:** 1 credit (HONORS)  
**Grades:** 11th - 12th Grade

### Description:

The AP course in psychology is designed to meet the requirements of the College Board Advanced Placement curriculum and examination. It is a year-long course that introduces students to the systematic and scientific study of behavior and mental processes in human beings and animals. Students will learn why we think, act, and behave the way we do by studying psychology's major theories and subfields. As this course follows the AP curriculum, it is a rigorous course that requires outside reading of the AP textbook as well as class participation and active learning.

## AP United States Government & Politics

**500105**

**Prerequisite:** Teacher Recommendation  
**Credit:** 1 credit (HONORS)  
**Grades:** 11th - 12th Grade

### Description:

The AP course in United States Government and Politics will give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute the U.S. government and politics. Students will become acquainted with various theoretical perspectives and explanations for various behaviors and outcomes in U.S. politics.





## Senior Studies

**100652**

**Prerequisite:** Teacher Recommendation

**Credit:** 2 credits

**Grades:** 12th Grade Only

**Description:**

This two-period course fulfills the senior English and social studies requirements. The course focuses on the choices and challenges of the future. Some activities include goal setting, interest evaluation, career research, analyzing future educational needs, and finding and applying for a job. Speakers and activities are also planned in partnership with the business community. Various consumer issues are discussed, including credit, car purchases, insurance needs, and budgeting. Current and classic literature (both fiction and nonfiction) will be used to trace and examine contemporary problems and social issues. Emphasis is placed on written and oral communication and skills needed for future employment and higher education.



# Mathematics

[Click here for the Mathematics COURSE SEQUENCE](#)

	<b>Course Title</b>	<b>Grade</b>	<b>Pre-Requisites</b>	<b>Length</b>
<b>REQUIRED</b>	<a href="#">Intermediate Algebra</a>	9	Teacher Recommendation	YEAR LONG
	<a href="#">Algebra</a>	9 - 10	Teacher Recommendation	YEAR LONG
	<a href="#">Honors Algebra</a>	9	Teacher Recommendation	YEAR LONG
	<a href="#">Intermediate Geometry</a>	10	Intermediate Algebra & Teacher Recommendation	YEAR LONG
	<a href="#">Geometry</a>	10 - 11	Algebra	YEAR LONG
	<a href="#">Geometry in Construction (TC-GTC)</a>	10 - 12	Algebra OR Intermediate Geometry AND Teacher Recommendation	YEAR LONG
	<a href="#">Honors Geometry</a>	9 - 10	Honors Algebra & Teacher Recommendation	YEAR LONG
	<a href="#">Intermediate Math 3</a>	11 - 12	Intermediate Geometry & Teacher Recommendation	YEAR LONG
	<a href="#">Trades Math (TC-GTC)</a>	11 - 12	Geometry OR Intermediate Math 3	YEAR LONG
	<a href="#">Algebra 2</a>	10 - 12	Geometry	YEAR LONG
	<a href="#">Honors Algebra 2</a>	10 - 11	Honors Geometry & Teacher Recommendation	YEAR LONG
	<a href="#">Pre-Calculus &amp; Trigonometry</a>	11 - 12	Algebra 2 & Teacher Recommendation	YEAR LONG
	<a href="#">AP Pre-Calculus</a>	11 - 12	Honors Algebra 2 & Teacher Recommendation	YEAR LONG
	<a href="#">Calculus</a>	11 - 12	Pre-Calculus & Teacher Recommendation	YEAR LONG
	<a href="#">AP Calculus 'AB'</a>	11 - 12	AP Pre-Calculus & Teacher Recommendation	YEAR LONG
<a href="#">AP Calculus 'BC'</a>	11 - 12	AP Calculus AB & Teacher Recommendation	YEAR LONG	
<b>ELECTIVE</b>	<a href="#">Statistics</a>	10 - 12	Geometry OR Intermediate Math 3	SEMESTER
	<a href="#">Sports Statistics</a>	10 - 12	Geometry OR Intermediate Math 3	SEMESTER
	<a href="#">AP Statistics</a>	10 - 12	Algebra 2 / Honors Algebra 2 OR Concurrent Enrollment in Algebra 2 / Honors Algebra 2 & Teacher Recommendation	YEAR LONG



## COURSES THAT MEET GRADUATION REQUIREMENTS

### Intermediate Algebra

**400203**

**Prerequisite:** Teacher Recommendation

**Credit:** 1 credit

**Grades:** 9th Grade

**Description:**

A first-year traditional course that uses the same curricular material as Algebra, but is slower-paced, covering two-thirds of the material during one school year. This course will focus on general skill problems, reading, and interpreting mathematical problems at a more basic level. The intermediate path will cover the Algebra and Geometry curriculum in three years to prepare students for Algebra 2.

### Algebra

**400202**

**Prerequisite:** Teacher Recommendation

**Credit:** 1 credit

**Grades:** 9th - 10th Grade

**Description:**

A first-year traditional course that includes enriched and general skill problems. Students will learn to solve, graph, and write linear equations, solve systems of linear equations, identify properties of linear and exponential functions, perform operations involving polynomial equations, graph quadratic functions, and solve quadratic and square root equations.

### Honors Algebra

**400207**

**Prerequisite:** Teacher Recommendation

**Credit:** 1 credit (HONORS)

**Grades:** 9th Grade

**Description:**

A first-year traditional course that uses the same curricular material as Algebra but requires intrinsic motivation, as it is fast-paced and more in-depth. Classwork will be enriched with multiple-step, higher-level thinking problems. Students must have a solid foundation of all grade-level math skills such as solving basic equations, order of operations, fractions, and decimals.

### Intermediate Geometry

**400306**

**Prerequisite:** Intermediate Algebra &  
Teacher Recommendation

**Credit:** 1 credit

**Grades:** 10th Grade

**Description:**

Intermediate Geometry is a second-year traditional course with pacing similar to Intermediate Algebra. This course will finish covering semester two Algebra material and begin covering semester I Geometry material. Students must have an understanding of the Intermediate Algebra course content and focus on general skill problems that will continue throughout

this course. Algebra topics will include factoring polynomials, graphing quadratic functions, and solving quadratic equations. Geometry topics will include the basics of geometry, reasoning, and proofs, and parallel and perpendicular lines.

### Geometry

**400301**

**Prerequisite:** Algebra OR Honors Algebra

**Credit:** 1 credit

**Grades:** 10th - 11th Grade

**Description:**

A second-year traditional course that includes enriched and general skill problems where students are encouraged to persevere and problem solve. This class includes a variety of geometric concepts such as triangles, lines, planes, transformations, polygons, congruence, circles, and volume. Triangles will be explored through similarity, properties, and trigonometry. An introduction to writing mathematical proofs will be covered throughout the course.

### Geometry in Construction (TC-GTC)

**400313**

**Prerequisite:** Algebra OR  
Intermediate Geometry &  
Teacher Recommendation

**Credit:** 1 Math / 1 Construction credit  
(HONORS)

**Grades:** 10th - 12th Grade

**Description:**

Geometry in Construction offers a different educational setting than the traditional classroom setting. This is a two-period course that offers concepts of Geometry that are co-taught with concepts related to construction. Students will learn how to apply Geometric principles to all areas of construction in a hands-on learning experience. Students will have the opportunity to use all the tools, machines, and techniques involved in proper construction as well as applying district curriculum standards in the subject of mathematics. This course involves learning and applying all aspects of construction from framing to wiring to plumbing, and implements the applied principles of Geometry that affect all of those construction aspects. The course also offers the opportunity to learn and build leadership, communication, and team-working skills essential to successful careers. Throughout the course, students will learn concepts and topics associated with content knowledge but will also learn essential skills for future employment.

**Geometry in Construction is a transcribed course through Gateway Technical College.**



## Honors Geometry

400304

**Prerequisite:** Honors Algebra &  
Teacher Recommendation

**Credit:** 1 credit (HONORS)

**Grades:** 9th - 10th Grade

**Description:**

Honors Geometry is a course that will provide rigor in the study of geometry. Students must have a deep understanding of the Honors Algebra course. Students will explore geometric concepts and communicate answers with core vocabulary. These skills will be explored through the learning of writing various types of proofs. Concepts that will be covered in depth include reasoning and proofs, parallel and perpendicular lines, transformations, congruent triangles, relationships within triangles, quadrilaterals and other polygons, similar figures, right triangles and basic trigonometry, circles, circumference, area, volume, and probability.

## Intermediate Math 3

400310

**Prerequisite:** Intermediate Geometry &  
Teacher Recommendation

**Credit:** 1 credit

**Grades:** 11th - 12th Grade

**Description:**

A third-year traditional course that completes Geometry. Topics include properties of congruent triangles, relationships within triangles, quadrilaterals, and other polygons, similarity in polygons and triangles, right triangles and trigonometry, properties of circles, circumference, area, volume, and probability.

## Trades Math (TC-GTC)

400800

**Prerequisite:** Geometry OR  
Intermediate Math 3

**Credit:** 1 credit (HONORS)

**Grades:** 11th - 12th Grade

**Description:**

Trades Math is a course designed to apply mathematical concepts to trades professions. The different concepts covered will be directly applied to essential skills necessary to be successful in entering the workforce right out of high school. We will also look into analyzing different trade assessments that students would encounter for future employment.

**Students will also be able to earn Gateway credit through this course that can be applied to certifications and our academies.**

## Algebra 2

400204

**Prerequisite:** Geometry OR Honors Geometry

**Credit:** 1 credit

**Grades:** 10th - 12th Grade

**Description:**

A third-year traditional course that includes enriched and general skill problems. Topics include graphing and transforming polynomials, rational and radical functions, polynomial operations, finding rational and complex solutions, solving rational and radical equations, arithmetic and geometric sequences, exponential growth and decay, logarithmic properties and equations, and probability. This course prepares students for pre-calculus and the skills necessary for college entrance.

## Honors Algebra 2

400210

**Prerequisite:** Honors Geometry &  
Teacher Recommendation

**Credit:** 1 credit (HONORS)

**Grades:** 10th - 11th Grade

**Description:**

A third-year traditional course that is enriched with multi-step, in depth, and higher-level thinking problems. Topics include graphing and transforming polynomial, rational, and radical functions, polynomial operations, finding rational and complex solutions, solving rational and radical equations, sequences, and series, exponential and logarithmic functions, probability, and data analysis and statistics. By the end of this course, students will be prepared for AP Precalculus and college-level mathematics courses.

## Pre-Calculus & Trigonometry

400604

**Prerequisite:** Algebra 2 &  
Teacher Recommendation

**Credit:** 1 credit

**Grades:** 11th - 12th Grade

**Description:**

A college readiness course that further integrates the ideas of Algebra 2, Geometry, and trigonometry. This class will enhance student understanding of linear, power, polynomial, rational, exponential, logarithmic, and trigonometric functions. Students will learn about trigonometric identities and equations, matrices, conics, parametric equations, sequences and series, inferential statistics, and derivatives.



## AP Pre-Calculus

400629

**Prerequisite:** Honors Algebra 2 &  
Teacher Recommendation

**Credit:** 1 credit (HONORS)

**Grades:** 11th - 12th Grade

**Description:**

AP Pre-Calculus is designed to help students build a strong math foundation for college. The course will cover content and skills common to college Precalculus courses that are foundational for careers in mathematics, physics, biology, health science, social science, and data science. Students will explore everyday situations and phenomena using mathematical tools and lenses and are guided through modeling real-world data, exploring multiple representations, mastering symbolic manipulation, and harnessing a dynamic world. The four big ideas that will be taught in the course are polynomial and rational functions, exponential and logarithmic functions, trigonometric and polar functions, and functions involving parameters, vectors, and matrices. If time permits, Calculus topics will be introduced. After completion of the course, the student can participate in the National AP Testing Program in May. This test enables the student to receive possible college credits and/or Advanced Placement.

## Calculus

400600

**Prerequisite:** Pre-Calculus OR  
AP Pre-Calculus &  
Teacher Recommendation

**Credit:** 1 credit

**Grades:** 11th - 12th Grade

**Description:**

Calculus includes the study of differential and integral calculus. This course is intended for students not preparing for the Calculus AP exam. The majority of the topics covered in AP Calculus AB are studied but not to the rigor or pace that the AP course takes on. Topics include limits and continuity, derivatives, derivative applications, definite integrals, differential equations, and definite integral applications.

## AP Calculus 'AB'

400630

**Prerequisite:** AP Pre-Calculus &  
Teacher Recommendation

**Credit:** 1 credit (HONORS)

**Grades:** 11th - 12th Grade

**Description:**

AP Calculus AB is roughly equivalent to a first-semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, conduct experiments, interpret results, and support conclusions. After completion of the course, the students can participate in the National AP Testing Program in May. This test enables the student to receive possible college credits and/or Advanced Placement.

## AP Calculus 'BC'

400640

**Prerequisite:** AP Calculus 'AB' &  
Teacher Recommendation

**Credit:** 1 credit (HONORS)

**Grades:** 11th - 12th Grade

**Description:**

AP Calculus BC is a continuation of AP Calculus AB and is equivalent to a second-semester college calculus course. This course covers techniques of integration, advanced applications of integration, differential equations, parametric equations, polar coordinates, infinite sequences and series, vectors and their applications. If time permits, the topics of partial derivatives and double integrals will be introduced. AP Calculus BC teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. After completion of the course, the students can participate in the National AP Testing Program in May. This test enables the student to receive possible college credits and/or Advanced Placement.



## ELECTIVE COURSES

### Statistics

**400401**

**Prerequisite:** Geometry or Intermediate Math 3

**Credit:** 1/2 credit

**Grades:** 10th - 12th Grade

**Description:**

This course is a one-semester class that includes an introduction to the basic topics of statistics and probability. The topics include organizing and graphing data, numerical descriptive measures, probability, linear regression, discrete random variables, and the binomial distribution. Projects are included in each chapter and will include data collection, creating displays, such as histograms, pie charts, and dot plots, and prediction experiments. Students are made aware of the use and misuse of statistics in today's society.

### Sports Statistics

**400403**

**Prerequisite:** Geometry or Intermediate Math 3

**Credit:** 1/2 credit

**Grades:** 10th - 12th Grade

**Description:**

This course is a one-semester class that will develop statistical skills through sports analysis. Students will gain an understanding of statistics concepts and essential vocabulary in a college-readiness environment. The class covers different aspects of statistics including modeling, observational studies, simulations, projects, and creating arguments and decisions based on analysis.

### AP Statistics

**400405**

**Prerequisite:** Algebra 2 / Honors Algebra 2 OR  
Concurrent Enrollment in Algebra 2 /  
Honors Algebra 2 &  
Teacher Recommendation

**Credit:** 1 credit (HONORS)

**Grades:** 10th - 12th Grade

**Description:**

This course is designed for students interested in possibly completing their college statistics requirement through the AP program. Some of the topics include understanding data, examining relationships, normal distribution, simulations, data production, regression, correlation, experimental and sample design, and statistical inference. Taking the AP Statistics test is optional.



# Science

[Click here for the Science COURSE SEQUENCES](#)

Course Title	Grade	Pre-Requisites	Length
<b>Required</b> MUST CHOOSE ONE DURING FRESHMAN YEAR			
<a href="#">Biology</a>	9	NONE	YEAR LONG
<a href="#">Honors Biology</a>	9	Recommendation of previous science teacher. Must maintain a C or better.	YEAR LONG
<b>Elective Courses to Potentially Select</b> MUST CHOOSE AT LEAST 2 CREDITS <i>NOTE: 4 year schools strongly encourage a CHEMISTRY and/or a PHYSICS</i>			
<a href="#">Chemistry</a>	9 - 12	Passing grade in Biology OR taking concurrently	YEAR LONG
<a href="#">Honors Chemistry</a>	9 - 12	Teacher Recommendation	YEAR LONG
<a href="#">STEM Chem</a>	9 - 12	Passing grade in Biology OR taking concurrently	YEAR LONG
<a href="#">Physics</a>	10 - 12	Algebra & Geometry with a grade of at least C+	YEAR LONG
<a href="#">Honors Physics</a>	10 - 12	Teacher Recommendation	YEAR LONG
<a href="#">Astronomy</a>	10 - 12	NONE	SEMESTER
<a href="#">Space Science</a>	10 - 12	Biology	SEMESTER
<a href="#">Earth Science</a>	10 - 12	Biology	SEMESTER
<a href="#">Environmental Awareness</a>	10 - 12	Biology	SEMESTER
<a href="#">Honors Anatomy &amp; Physiology</a>	10 - 12	Teacher Recommendation	YEAR LONG
<a href="#">AP Biology</a>	10 - 12	Teacher Recommendation	YEAR LONG
<a href="#">AP Chemistry</a>	10 - 12	Teacher Recommendation	YEAR LONG
<a href="#">AP Environmental Science</a>	10 - 12	Teacher Recommendation	YEAR LONG
<a href="#">AP Physics</a> Geared toward AP Test "C"	11 - 12	Teacher Recommendation	YEAR LONG
<a href="#">Science Topics</a>	11 - 12	Currently enrolled in a science course OR have taken the advanced class AND Teacher Recommendation	SEMESTER or YEAR LONG

## **Courses that also meet Science graduation requirement:**

[Animal Science & Aquaculture](#)  
[Honors Animal Science & Aquaculture](#)  
[Biotechnology](#)

[Botany \(Plant Science\)](#)  
[Food Science 2](#)  
[Honors Veterinary Science](#)  
[Science & Sustainability](#)



## Biology

### 300101

**Prerequisite:** NONE  
**Credit:** 1 credit  
**Grades:** 9th Grade Only

#### Description:

Students will explore the varying levels of organization by studying life at the molecular, cellular, and organismal levels. Using phenomenon-driven storylines, students will be making sense of our natural world by integrating different areas of biology together, along with authentic data, to solve problems. Topics include ecology, cellular energy, DNA, genetics, protein synthesis, and evolution. Students will develop their understanding through daily modeling, small group collaboration, hands-on lab, class discussion, and simulated experiences.

**This class will satisfy the Biology graduation requirement.**

## Honors Biology

### 300102

**Prerequisite:** Recommendation of previous science teacher & Must maintain a C or above  
**Credit:** 1 credit (HONORS)  
**Grades:** 9th Grade Only

#### Description:

An advanced paced, college preparatory course designed to instill the basic principles of biology. Content topics include cell form and function, cellular energy, DNA, protein synthesis, genetics, evolution, and ecology. Concepts and science skills are stressed through lab and lectures, with a strong emphasis placed on hands-on learning. Students will develop a deeper understanding through modeling and small group collaboration while natural phenomena are explored.

**This class will satisfy the Biology graduation requirement.**

## Chemistry

### 300201

**Prerequisite:** NONE, see below  
**Credit:** 1 credit  
**Grades:** 9th - 12th Grade

#### Description:

This is a general chemistry class emphasizing microscopic-level understandings of the natural world. The class will be anchored in the study of real-life phenomena. Students will work in the lab and on activities to develop models and make sense of chemistry content. Science and engineering practices will be emphasized throughout the year. Content areas of emphasis include atomic structure and theory, matter, and energy, and changes to matter. Topics are experienced through lab, lecture, and demonstrations while emphasizing hands-on learning. Students will develop the ability to explain macroscopic phenomena using microscopic models. Many STEM-based careers include a chemistry component as part of the college pathway, this course will help prepare students for challenging science courses in the future.

Students planning on pursuing a STEM-related degree should minimally finish the trio of Biology, Chemistry, and Physics.

Thinking about this course? Consider this. We suggest a Grade of C or higher in Biology **OR** taking concurrently with biology\*. You also need to have scored a C or higher in Algebra or a C or higher in a post-algebra math class.

## Honors Chemistry

### 300202

**Prerequisite:** Teacher Recommendation  
**Credit:** 1 credit (HONORS)  
**Grades:** 9th - 12th Grade

#### Description:

This is a general chemistry class moving at an accelerated pace, emphasizing microscopic-level understandings of the natural world. The class will be anchored in the study of real-life phenomena. Students will work in the lab and on activities to develop models and make sense of chemistry content. Science and engineering practices will be emphasized throughout the year. Content areas of emphasis include atomic structure and theory, matter, and energy, and changes to matter. Topics are experienced through lab, lecture, and demonstrations while emphasizing hands-on learning. Students will develop the ability to explain macroscopic phenomena using microscopic models. Honors Chemistry places a larger emphasis on mathematical relationships inside the previously listed topics and therefore moves more quickly through the course material than Regular Chemistry. Many STEM based careers include a chemistry component as part of the college pathway. Honors Chemistry will do a wonderful job preparing students to be successful in the traditionally difficult college chemistry course.

Students planning on pursuing a STEM-related degree should minimally finish the trio of Biology, Chemistry, and Physics.

Thinking about this course? Consider this. We suggest a Grade of B or higher in Biology **OR** taking concurrently with biology\*. You also need to have scored a C or higher in Algebra or a C or better in a post-algebra math class.





## STEM Chem

300199

**Prerequisite:** Passing grade in Biology **OR**  
Taking concurrently with Biology

**Credit:** 1 credit

**Grades:** 9th - 12th Grade

**Description:**

If you like to be up in the lab doing science, this might be the chemistry class for you. This is a chemistry course designed to build a general knowledge of chemistry content through collaborative grouping and inquiry-based learning. Chemistry content will be taught through the lens of designing solutions to problems. To do this, students will be grouped while learning chemistry material, completing laboratory experiments, and demonstrating proficiency in chemistry content, and practicing science and engineering skills. An emphasis will be placed on collecting and using experimental data to create explanations and models of scientific phenomena and to defend positions using appropriate data collection and analysis. Some of the topics covered include hand sanitizer analysis, tie-dye, energy savers, fireworks, soap, bath bombs, and carbide cannons. This course is aimed at students who are looking to continue their science education but aren't looking for the rigors and pace of chemistry aimed at students pursuing science and health careers. The design of the course ensures all students will have opportunities to be appropriately challenged.

## Physics

300301

**Prerequisite:** Algebra with at least a C+ AND  
Geometry with at least a C+

**Credit:** 1 credit

**Grades:** 10th - 12th Grade

**Description:**

A one-year class in the concepts of physics for students who are college-bound or wish to round out their science coursework. Physics content will be taught by emphasizing the science and engineering practices of phenomena-based mechanical and mathematical modeling through the use of graphical analysis techniques. Content areas of emphasis include Geometric Optics, Waves and Sound, Kinematics, Newton's Laws of Motion, Momentum and Collisions, Conservation of Energy, and Electricity.

Students planning on pursuing a STEM-related degree should minimally finish the trio of Biology, Chemistry, and Physics.

## Honors Physics

300302

**Prerequisite:** Teacher Recommendation

**Credit:** 1 credit (HONORS)

**Grades:** 10th - 12th Grade

**Description:**

This class is AP Physics 1 Ready\*

An advanced paced, algebra-trigonometry-based physics course that provides background for advanced study in STEM related coursework, while simultaneously preparing students for the AP Physics 1 Exam if they choose to take it. Physics content will be taught through phenomena-based mechanical and mathematical modeling, utilizing techniques in advanced graphical analysis. Content areas of emphasis include 1-D and 2-D Kinematics, Force and Newton's Laws, Momentum and Impulse, Work/Power/Energy, Universal Gravitation, Rotational Dynamics, Oscillations/Waves/Sound, and Geometric Optics. Students should be self-motivated and possess a strong mathematical background.

Students planning on pursuing a STEM-related degree should minimally finish the trio of Biology, Chemistry, and Physics.

Thinking about this course? Consider this. We suggest having finished Honors Algebra and Honors Geometry with a grade of at least a B

\*The Honors Physics curriculum is written in such a way that students will be prepared to take the AP Physics 1 Exam if they choose.

## Astronomy

301080

**Prerequisite:** Algebra with a C or higher **OR**  
Have a C or better in a post-Algebra  
Math class

**Credit:** 1/2 credit

**Grades:** 10th - 12th Grade

**Description:**

Astronomy is an advanced course that introduces students to a variety of topics regarding our universe. Topics covered are chemistry/physics of stars, planets, constellations, telescopes and optics, relativity, and related topics. We will discuss the topic of astronomical events and current events in astronomy. We will survey constellations, investigate our solar system, and discuss star and galaxy formation in the universe.

Thinking about this course? Consider this. We suggest a Grade of C or higher in Biology (or most recent science class). Can be taken concurrently with chemistry.\* Must have passed Algebra with a C or better or have scored a C or better in a post-algebra math class.



## Space Science

300209

**Prerequisite:** Biology  
**Credit:** 1/2 credit  
**Grades:** 10th - 12th Grade

### Description:

Space Science investigates the human environment on Earth and compares it to space. The class is taught on a general academic level with emphasis placed on class discussion and is interspersed with laboratory studies and outdoor activities. Students are encouraged to develop a general understanding of the interrelationships of astronomy and meteorology and apply these concepts to present environmental situations and phenomena that they encounter daily. The examined scale extends from the atmosphere to the end of the Universe, with activities that crosscut across traditional disciplines of physics, chemistry, biology, astronomy, and mathematics. Not to be taken after Astronomy.

## Earth Science

300208

**Prerequisite:** Biology  
**Credit:** 1/2 credit  
**Grades:** 10th - 12th Grade

### Description:

Earth Science focuses on the study of the Earth, the environment, and the role of humans in modifying Earth and environmental systems. In this course, students investigate the materials and processes of the geologic past to better understand the present and the future state of our global planet. This course applies basic chemical, mathematical, and physical science to investigate geologic and environmental systems. The class is taught at a general academic level, with an emphasis placed on class discussion interspersed with laboratory studies. The class aims for students to develop a general understanding of the interrelationships of geology and the ability to apply these concepts to present environmental situations and phenomena that students encounter.

## Environmental Awareness

300079

**Prerequisite:** Biology  
**Credit:** 1/2 credit  
**Grades:** 10th - 12th Grade

### Description:

Explore the outdoors! Examine the relationship between nature and humans. Basic ecology principles are applied to current environmental issues with a focus on local areas such as: sustainability, use of natural resources, environmental ethics, global environmental issues, carbon footprints, local food supplies, pollution, recycling, energy use, alternative energy, and habitat loss. Learn how to connect with the outdoors and how disconnected many of us are from the outside world. How connected are you with the outdoors? Find out and take the class!

## Honors Anatomy & Physiology

300110

**Prerequisite:** Teacher Recommendation  
**Credit:** 1 credit (HONORS)  
**Grades:** 10th - 12th Grade

### Description:

A full-year course geared for science-oriented college-bound students. Students will explore the extraordinary human body, making connections between form and function. A heavy concentration on comparative anatomy through cat dissection will help students gain a deeper understanding of various systems in the human body. This course is taught at a rigorous pace designed for students who are interested in pursuing a career in health related fields.

Thinking about this course? Consider this. We suggest a Grade of C+ or higher in Biology and Chemistry **OR** a Grade of B or higher in Honors Biology **AND** Very Ready for Fast-Paced Anatomy & Physiology\*.

This course can be taken concurrently with Chemistry.

\*It is possible to go directly from Biology to Honors Anatomy & Physiology. If this pathway is taken, a student should expect to have pre-study lessons to provide some background for the Anatomy & Physiology lessons that all students will receive. These lessons will make the course obtainable without a previous year of chemistry. The workload for this pathway will be significant, but possible with the right schedule circumstances for students who are passionate about science and have the ability to stay current with a large workload.

## AP Biology

300104

**Prerequisite:** Teacher Recommendation  
**Credit:** 1 credit (HONORS)  
**Grades:** 10th - 12th Grade

### Description:

A full-year course geared for science-oriented college-bound students. Students will learn biological concepts while developing and applying science practices. Practices include analyzing visual representations, concept explanation, representing and describing data, determining questions and methods, performing statistical tests and data analysis, and argumentation. Small group collaboration, inquiry-based labs, and other hands-on learning activities are emphasized throughout the learning process. Students may choose to take the AP test in the spring or use this experience to better prepare for college biology.

Thinking about this course? Consider this. We suggest a Grade of B or higher in Honors Biology and Honors Chemistry **OR** a Grade of B or higher in Honors Biology **AND** Very Ready for Fast-Paced Biology\*.

This course can be taken concurrently with Chemistry.

\*The College Board recommends that Biology and Chemistry be taken prior to this class. However, it is possible to go



directly from biology to AP Biology for students who fit a certain category. If this pathway is taken, a student should expect to have pre-study lessons, to provide some background for the AP Biology lessons that all students will receive. These lessons will make the course obtainable without a previous year of chemistry. The workload for this pathway will be significant, but possible with the right schedule circumstances for students who are passionate about science and have the ability to stay current with a large workload.

## AP Chemistry

**300203**

**Prerequisite:** Teacher Recommendation

**Credit:** 1 credit (HONORS)

**Grades:** 10th - 12th Grade

### Description:

Do you want to be well prepared for college chemistry? Many college career paths use a chemistry series as prerequisites prior to being admitted into specific areas of study. AP Chemistry is a full-year course geared for science-oriented college-bound students. The course is designed to provide students choice in how they input learning and then practice material. Class materials are provided in a method to allow busy students with a means to manage their busy schedules and still learn AP Chemistry objectives. Emphasis is placed on lab work, particulate representations and mathematical models. A strong math background is necessary. Students may choose to write the AP test in the spring.

Thinking about this course? Consider this. We suggest a Grade of B or higher in Honors Chemistry **OR** Grade of B or higher in Honors Biology **and** very ready for fast paced Chemistry\* **OR** your Chemistry teacher was really pushing you to take AP Chemistry. You should have also completed Algebra 2.

\*The College Board recommends that Chemistry be taken prior to this class. However, it is possible to go directly from biology to AP Chemistry for students who fit a certain category. If this pathway is taken, a student should expect to have pre-study lessons, possibly including some summer work, to provide some background for the AP Chemistry lessons that all students will receive. These lessons will make the course obtainable without a previous year of chemistry. The workload for this pathway will be significant, but possible with the right schedule circumstances for students who are passionate about science and have the ability to stay current with a large workload.

## AP Environmental Science

**300080**

**Prerequisite:** Teacher Recommendation

**Credit:** 1 credit (HONORS)

**Grades:** 10th - 12th Grade

### Description:

This is an advanced course exploring multiple facets of how humans impact the environment. Laboratory investigations,

both indoors and outdoors, are an essential component of this course. AP Environmental Science is an interdisciplinary course that includes the following topics: ecosystems and biodiversity, land and water resources, energy generation, pollution sources and control, and global change. Students in this class may choose to take the AP test in the spring.

Thinking about this course? Consider this. We suggest a Grade of B or higher in Biology or Honors Biology. May be taken concurrently with chemistry\*.

## AP Physics

*Geared toward AP Test "C"*

**300303**

**Prerequisite:** Teacher Recommendation

**Credit:** 1 credit (HONORS)

**Grades:** 12th Grade Only

### Description:

A full-year course geared for science-oriented, highly motivated, college-bound students. Heavy emphasis is placed on mathematical modeling, laboratory techniques, phenomenological thinking, and advanced problem-solving techniques. Content areas of emphasis include: motion, force, momentum, energy, rotation, gravitation, oscillation, and electricity and magnetism. Students should have a strong background in mathematics. Calculus is highly recommended, with precalculus being the minimum level of math for enrollment in the course. Students enrolled in the class may choose to write the AP C-Mechanics Exam in the spring or use the class experience to be excellently prepared for the college level two-semester calculus based physics sequence required of engineering and physical science majors.

Thinking about this course? Consider this. We suggest a Grade of B or higher in Honors Physics and you need to have completed or be currently enrolled in Pre-Calculus.

## Science Topics

**Biology** 300103

**Chemistry** 300204

**Physics** 300304

**Prerequisite:** Currently enrolled in a science Course of have taken the advanced Class and teacher recommendation

**Credit:** 1/2 credit OR 1 credit

**Grades:** 12th Grade Only

### Description:

Independent study arranged to delve into an area of interest. Examples: Human Anatomy, Marine Biology, Genetics, Organic Chemistry, Environmental Chemistry, or Astronomy.



# Physical Education / Health

[Click here for the Physical Education & Health COURSE SEQUENCES](#)

	<b>Course Title</b>	<b>Grade</b>	<b>Pre-Requisites</b>	<b>Length</b>
PHY ED	<a href="#">Physical Education 9</a>	9	NONE	SEMESTER
	<a href="#">Individual Sports in Physical Education</a>	10 - 12	Physical Education 9	SEMESTER
	<a href="#">Strength &amp; Conditioning 1</a>	10 - 12	Physical Education 9	SEMESTER
	<a href="#">Strength &amp; Conditioning 2</a>	10 - 12	Strength & Conditioning 1	SEMESTER
	<a href="#">Team Sports in Physical Education</a>	10 - 12	Physical Education 9	SEMESTER
	<a href="#">Trends in Fitness 1</a>	10 - 12	Physical Education 9	SEMESTER
	<a href="#">Trends in Fitness 2</a>	10 - 12	Trends in Fitness 1	SEMESTER
	<a href="#">Outdoor Adventure 1</a>	11 - 12	Must be able to swim	SEMESTER
	<a href="#">Outdoor Adventure 2</a>	11 - 12	Outdoor Adventure 1 & Must be able to swim	SEMESTER
	<a href="#">Strength &amp; Conditioning 3</a>	11 - 12	Strength & Conditioning 2	SEMESTER
	<a href="#">Water Safety Instructor / Lifeguard Training</a>	11 - 12	Physical Education 9, Must be a strong swimmer, & Must be 16 or older	SEMESTER
ADAPTIVE	<a href="#">Interactive Physical Education</a>	9 - 12	Teacher Recommendation	SEMESTER
HEALTH	<a href="#">Health Education</a>	9	NONE	SEMESTER
	<a href="#">Stress Management</a>	10 - 12	Health Education	SEMESTER

**Students are required to take a minimum of 1/2 credit of PE during 3 out of their 4 years at Badger.**



## PHYSICAL EDUCATION

### Physical Education 9

**700101**

**Prerequisite:** NONE  
**Credit:** 1/2 credit  
**Grades:** 9th Grade Only

**Description:**

This course will expose students to a wide variety of activities that will promote lifetime fitness and recreational opportunities. The course will focus on the basic fundamentals, skills, rules, and etiquette necessary to be successful in each activity. Students may be introduced to the following activities; pickleball, flicker ball, fitness, softball, basketball, swimming, floor hockey, soccer, badminton, tennis, flag football, and volleyball. **Badger Physical Education uniform is required; the uniform costs \$10.**

### Individual Sports in Physical Education

**500210**

**Prerequisite:** Physical Education 9  
**Credit:** 1/2 credit  
**Grades:** 10th - 12th Grade

**Description:**

This course is designed to allow students to work on a variety of individual lifetime activities. The focus will be on recreation and general wellness. Students will be involved with the following activities; bowling, disc golf, croquet, archery, badminton, tennis, table tennis, bocce ball, golf, biking, pickleball, fitness walking, cross country skiing, roller skating. Some activities will be off campus. **A class fee of \$40 is required to cover the cost of bowling, roller skating, miniature golf, and bussing costs.**

### Strength & Conditioning 1

**500500**

**Prerequisite:** Physical Education 9  
**Credit:** 1/2 credit  
**Grades:** 10th - 12th Grade

**Description:**

This is an introductory course in basic weight training knowledge and techniques. Students will be trained in using free weights to enhance levels of strength, flexibility, coordination and endurance. Students will learn what training techniques and systems need to be explored to design a fitness program. Students will ultimately understand why strength training is an important component in physical fitness and how strength training can enhance one's well being.

### Strength & Conditioning 2

**500510**

**Prerequisite:** Strength & Conditioning 1  
**Credit:** 1/2 credit  
**Grades:** 10th - 12th Grade

**Description:**

This is a strength and conditioning course that is designed to meet the need for a higher level of development within human performance. This course will feature highly structured workouts with regard to workout intensity and exercise frequency. Explosiveness training and speed improvement will be included in this course.

### Team Sports in Physical Education

**500200**

**Prerequisite:** Physical Education 9  
**Credit:** 1/2 credit  
**Grades:** 10th - 12th Grade

**Description:**

This course is designed to offer a wide variety of activities that lead to lifetime fitness. Students will be involved in activities such as basketball, volleyball, soccer, softball, flag football, ultimate Frisbee, speedball, flickerball, floor hockey, and water games. Students will also have an opportunity to explore opportunities for getting involved in many of these activities outside of the school setting. Basic skills and fundamentals will be addressed throughout each unit, along with rules, strategies and teamwork. Students will demonstrate their knowledge of these concepts by being involved in the scorekeeping, refereeing, and stat-collection during many of the activities. An appropriate change of clothes is required.

### Trends in Fitness 1

**500310**

**Prerequisite:** Physical Education 9  
**Credit:** 1/2 credit  
**Grades:** 10th - 12th Grade

**Description:**

This course will allow students to experience new and current trends in fitness such as yoga, pilates, cardio-kickboxing, power walking, biking, step aerobics, water fitness, tone and sculpting, zumba fitness, and interval training. Students will participate in different fitness activities that will help them reach personal goals. Students will also examine their own diet, analyze the newest diet and health trends, experience techniques to better manage their stress and explore local health club facilities in the community. Students will ultimately understand the importance of living a healthy lifestyle.



## Trends in Fitness 2

500320

**Prerequisite:** Trends in Fitness 1

**Credit:** 1/2 credit

**Grades:** 10th - 12th Grade

**Description:**

This advanced fitness course will allow students to take their fitness to a whole new level. Students will regularly participate in a variety of fitness activities such as yoga, pilates, cardio-kickboxing, power walking, biking, step aerobics, water fitness, tone & sculpting, zumba fitness, and interval training and other fitness trends. Students will analyze health and fitness needs, and design a fitness program. Students will also learn how to instruct group exercise classes and lead a lesson of their own. Students will ultimately demonstrate the importance of safety in physical activity and benefit to living a healthy lifestyle.

## Outdoor Adventure 1

500600

**Prerequisite:** Must be able to swim

**Credit:** 1/2 credit

**Grades:** 11th - 12th Grade

**Description:**

This course will have students exploring ways to enhance fitness while participating in adventure-based education activities. Students will improve communication, problem solving, and team building skills. Students may take part in the following activities; cross-country skiing, outdoor cooking, orienteering, geo-caching, kayaking, archery, mountain biking, canoeing and cooperative games. Students will also take part in challenging themselves at local indoor and outdoor ropes challenge courses and rock climbing walls. Students are required to dress appropriately for outdoor and indoor activities. **There is a course fee of \$40 that must be paid at the start of the semester.**

## Outdoor Adventure 2

500610

**Prerequisite:** Outdoor Adventure 1 &  
Must be able to swim

**Credit:** 1/2 credit

**Grades:** 11th - 12th Grade

**Description:**

This applied course will provide students with the opportunity to expand on the skills and adventure activities learned in OA1. Students will further investigate the 7 levels of Adventure, experience many leadership opportunities, and try a variety of new and different outdoor adventure activities. Along with an

in-depth look from some of the activities offered in OA1, students may also take part in the following activities; leading team-building activities, snowshoeing, setting an orienteering course, advanced geocaching, paintballing, advanced kayaking skills, zip-lines and challenge course, advanced rock climbing skills, and leading cooperative/team building activities and games for others. Students are required to dress appropriately for outdoor and indoor activities. **There is a course fee of \$45 that must be paid at the start of the semester. Students will also have additional fees of \$17 for paintballing.**

## Strength & Conditioning 3

500512

**Prerequisite:** Strength & Conditioning 2

**Credit:** 1/2 credit

**Grades:** 11th - 12th Grade

**Description:**

In level 3 students will design a personal program based on a goal they set for themselves with the help of the instructor. Students will also track and log nutrition and sleep, journaling performance and how they are feeling/recovering.

## Water Safety Instructor / Lifeguard Training

500400

**Prerequisite:** Physical Education 9,  
Must be able to swim, &  
16 or older

**Credit:** 1/2 credit

**Grades:** 11th - 12th Grade

**Description:**

This course is designed for those students who would like to become a lifeguard and swimming instructor. The course will train students to teach swimming lessons to people of all ages and abilities. Students will learn the emergency training necessary to become an American Red Cross certified lifeguard and swim instructor. Students must demonstrate ability to swim specific strokes and complete written exams involving general swimming and water safety. The student must be able to swim 300 yards (12 lengths) in the pool without stopping. They must also dive to a depth of 10 feet, retrieve a 10 pound brick and swim 25 yards in 1 minute and 40 seconds. **There will be a course fee of \$85 which covers the cost of books, materials, and certification.**



## ADAPTIVE PHYSICAL EDUCATION

### Interactive Physical Education

**500202**

**Prerequisite:** Teacher Recommendation

**Credit:** 1/2 credit

**Grades:** 9th - 12th Grade

**Description:**

This course is a dynamic exploration into the world of physical education tailored for all students, encompassing a diverse range of abilities and backgrounds. Over the semester, students will engage in a multifaceted program designed to foster lifelong fitness habits, embrace inclusive recreational activities, and prioritize health and wellness for personal growth.

## HEALTH EDUCATION

### Health Education

**710101**

**Prerequisite:** NONE

**Credit:** 1/2 credit

**Grades:** 9th Grade Only

**Description:**

Health Education is a required course for graduation. The units included in Health Education, along with relevant topics within those units are listed below. For more details about course content, contact your health instructor or reference the course syllabus.

- Health and Wellness (including CPR and AED training)
- Human Growth and Development (including Shaken Baby Syndrome prevention)
- Mental and Emotional Health (including suicide prevention)
- Substance Use and Abuse
- Nutrition and Fitness

In a variety of fitness activities such as yoga, pilates, cardio-kickboxing, power walking, biking, step aerobics, water fitness, tone & sculpting, zumba fitness, and interval training and other fitness trends. Students will analyze health and fitness needs, and design a fitness program. Students will also learn how to instruct group exercise classes and lead a lesson of their own. Students will ultimately demonstrate the

importance of safety in physical activity and benefit to living a healthy lifestyle.

### Stress Management

**500401**

**Prerequisite:** Health Education

**Credit:** 1/2 credit

**Grades:** 10th - 12th Grade

**Description:**

This stress management course will explore the effects of stress as it relates to physical activity, academics, and other aspects of life. Coping strategies are discussed and applied through physical activity and other stress management tools, while allowing the student to reflect on their own life stressors. The nature of stress, causes, and the body and mind's response to stress are addressed in the classroom portion of the course. The activity portion of the class will introduce and implement mental and behavioral stress management techniques and exercise programming.



# World Language

[Click here for the World Language COURSE SEQUENCES](#)

<b>Course Title</b>		<b>Grade</b>	<b>Pre-Requisites</b>	<b>Length</b>
<b>SPANISH</b>	<a href="#">Spanish 1</a>	9 - 12	NONE	YEAR LONG
	<a href="#">Spanish 2</a>	9 - 12	Spanish 1 with C or higher, Consent of Spanish 2 teacher, OR Pass a level 2 placement test	YEAR LONG
	<a href="#">Spanish 3</a>	10 - 12	Spanish 2 with C or higher OR Consent of Spanish 3 teacher	YEAR LONG
	<a href="#">Spanish 4 (HONORS)</a>	10 - 12	Spanish 3 with C or higher OR Consent of Spanish 4 teacher	YEAR LONG
	<a href="#">Spanish 5 (Spanish 202 UWGB) (TC-UWGB)</a>	11 - 12	Spanish 4 with C or higher OR Consent of Spanish 5 teacher	YEAR LONG
	<a href="#">Spanish for Healthcare Careers</a>	11 - 12	Spanish 4 with C or higher, Pass a Spanish 4 placement test, OR Enrolled in Spanish 4 or Natives 2	SEMESTER
<b>SPANISH FOR NATIVES</b>	<a href="#">Español para Hispanohablantes 1</a>	9 - 12	Must be a native speaker	YEAR LONG
	<a href="#">Español para Hispanohablantes 2</a>	9 - 12	Teacher Recommendation	YEAR LONG
	<a href="#">Español para Hispanohablantes 3</a>	10 - 12	Teacher Recommendation	YEAR LONG
	<a href="#">Español para Hispanohablantes 4 (Spanish 224 / HH4 UWGB) (TC-UWGB)</a>	11 - 12	Teacher Recommendation	YEAR LONG
<b>FRENCH</b>	<a href="#">French 1</a>	9 - 12	NONE	YEAR LONG
	<a href="#">French 2</a>	9 - 12	French 1	YEAR LONG
	<a href="#">French 3</a>	10 - 12	French 2 with C or higher OR Consent of French 3 teacher	YEAR LONG
	<a href="#">French 4 (French 202 UWG) (TC-UWGB)</a>	11 - 12	French 3 with C or higher OR Consent of French 4 teacher	YEAR LONG
	<a href="#">French 5 (French 222 UWGB) (TC-UWGB)</a>	12	French 4 with C or higher OR Consent of French 5 teacher	YEAR LONG





## SPANISH

### Spanish 1

600101

**Prerequisite:** NONE  
**Credit:** 1 credit  
**Grades:** 9th - 12th Grade

**Description:**

Spanish 1 is a fun and exciting introduction to the Spanish language and culture through various activities, games and lots of practice. While this course offers fun and excitement, it also requires dedication on the part of the student in completing daily homework. Students will begin speaking basic conversational Spanish within the first few days of class! Students are expected to perform using the three modes of communication: presentational, interpretive, and interpersonal.

**This course is not intended for Native Speakers of the Spanish language.**

### Spanish 2

600102

**Prerequisite:** C or higher in Spanish 1 OR  
Consent of Spanish 2 teacher  
**Credit:** 1 credit  
**Grades:** 9th - 12th Grade

**Description:**

Spanish 2 is a continuation of Spanish 1 with emphasis on developing competency in the language skills: listening, speaking, reading and writing. It is assumed that students in this course are already proficient in the English language. In addition, they must already read, write and conjugate in the present tense in Spanish. Students will be expected to be able to follow verbal cues and instructions in the Spanish language, which will be used as exclusively as possible. **This course is NOT intended for Native Speakers of the Spanish Language.**

### Spanish 3

600103

**Prerequisite:** C or higher in Spanish 2 OR  
Consent of Spanish 3 teacher  
**Credit:** 1 credit  
**Grades:** 10th - 12th Grade

**Description:**

In Spanish 3, students will expand their knowledge in both spoken and written forms of the Spanish language and culture. We will use games, activities and various projects (both written and oral). Students will also have opportunities for creative expression through video, presentational slides and other avenues of their choice. ¡En Español 3, no inglés! (We speak ONLY Spanish in the Spanish 3 classroom.) **This course is NOT intended for Native Speakers of the Spanish Language.**

### Spanish 4 (HONORS)

600104

**Prerequisite:** C or higher in Spanish 3 OR  
Consent of Spanish 4 teacher  
**Credit:** 1 credit (HONORS)  
**Grades:** 10th - 12th Grade

**Description:**

Students participate actively using oral and written forms of the language with increased competency and proficiency. Curriculum includes conversation, interviews, advanced grammar, literature, current music, newspaper selections, and culture. Students will continue with some online work in Spanish. Service learning is encouraged. It is assumed that students in these courses are already proficient in the English language. In addition, they must already read and write in the target language. Students taking this course will be informed about university retroactive credits, the Spanish placement exam, and the Spanish AP Exam. **This course is NOT recommended for students who are Native Speakers of the Spanish Language.**

### Spanish 5 (Spanish 202 UWGB) (TC-UWGB)

600110

**Prerequisite:** C or higher in Spanish 4 OR  
Consent of Spanish 5 teacher  
**Credit:** 1 credit (HONORS)  
**Grades:** 11th - 12th Grade

**Description:**

[Spanish 5 \(Spanish 202 UWGB\) Course Syllabus](#)

Spanish 202/Spanish 5 is designed to parallel the skill development of a 3rd year college Spanish course in advanced composition and conversation. It focuses on the mastery of listening, speaking, reading, and writing skills in Spanish. Service learning is encouraged. It is assumed that students in this course are already proficient in the English language. In addition, they must already read and write in the target language. Students in this course need at least a C average in English courses. The purpose of this course is to prepare students for the AP Spanish exam and to earn college credit. Students enrolling in the course as Spanish 202 (College Credit in High School through UW-Green Bay), earning a B or better, will earn 14 university credits. The cost of the course is \$315 which will be reimbursed to the student upon successful completion of the course with a B or better. Please contact the teacher for more information. **This course is not recommended for students who are native Spanish speakers.**



## Spanish for Healthcare Careers

600109

**Prerequisite:** C or higher in Spanish 4,  
Spanish 4 placement test,  
OR Enrolled in Spanish 4  
or Natives 2

**Credit:** 1/2 credit

**Grades:** 11th - 12th Grade

**Description:**

This course directly links Spanish language content with health care careers. Students will learn medical and procedural terminology for use in the field of medicine both in the office and clinic. Health care providers are in great need of

employees who have, at a minimum, a functional ability to speak with patients and their families.

## PROGRAMA HISPANOHABLANTE

### Español para Hispanohablantes 1

600300

**Prerequisite:** Must be a Native Speaker

**Credit:** 1 credit

**Grades:** 9th - 12th Grade

**Description:**

Spanish Literacy Skills and Literature for Native Speakers is for you if you have fluent communication skills in Spanish but low to intermediate skills in reading, writing and/or comprehension of the Spanish language in written form. In this course, we will explore the basic form and structures of the Spanish language. We will [practice reading, writing, and comprehension of basic texts as well as create projects related to what we are reading.

### Español para Hispanohablantes 2

600310

**Prerequisite:** Teacher Recommendation

**Credit:** 1 credit

**Grades:** 9th - 12th Grade

**Description:**

In Spanish Literature for Natives 2, you will learn the basic structure of your language while analyzing authentic Spanish literature, use basic Spanish communication to discuss readings, and learn about famous people, history, and geography of various Latin American countries.

### Español para Hispanohablantes 3

600320

**Prerequisite:** Teacher Recommendation

**Credit:** 1 credit

**Grades:** 10th - 12th Grade

**Description:**

In this course, you will use basic Spanish language skills you have already learned to build on and increase your knowledge

of the Spanish language, its structure, and important people, places, and historical events in Latin America and the U.S.

### Español para Hispanohablantes 4 (Spanish 224 / HH4 UWGB) (TC-UWGB)

600330

**Prerequisite:** Teacher Recommendation

**Credit:** 1 credit (HONORS)

**Grades:** 11th - 12th Grade

**Description:**

[Español para Hispanohablantes \(Spanish 224 / HH4 UWGB\) Course Syllabus](#)

Spanish 224/Español para Hispanohablantes 5 is a comprehensive exploration of advanced Spanish literature and its impact on society. Building on the foundation of Spanish for Natives 3, students will analyze and reflect on advanced-level Spanish literature from Latin America and Spain. The course will delve into the works of influential Spanish-speaking authors, fostering a deep understanding of their societal influence. Students will have the opportunity to express their ideas through poetry, short stories, skits, and videos, enhancing their advanced writing skills and preparing them with essential college reading readiness skills. The purpose of this course is to prepare students for the AP Spanish exam and to earn college credit. Students enrolling in the course as Spanish 224 (College Credit in High School through UW-Green Bay), earning a B or better, will earn 17 university credits. The cost of the course is \$315 which will be reimbursed to the student upon successful completion of the course with a B or better. Please contact the teacher for more information.



## FRENCH

### French 1

**600201**

**Prerequisite:** NONE  
**Credit:** 1 credit  
**Grades:** 9th - 12th Grade

**Description:**

French 1 provides an introduction to the French language and the cultures of the French-speaking world. Students develop skills in speaking, listening, reading, and writing, with an emphasis on pronunciation, vocabulary acquisition and basic grammatical concepts. The cultures of France and the French-speaking world are embedded into the units of study to promote cultural literacy through the use of texts, films, music, audio files, the Internet, and other media.

### French 2

**600202**

**Prerequisite:** French 1  
**Credit:** 1 credit  
**Grades:** 9th - 12th Grade

**Description:**

Students continue to develop skills in reading, writing, speaking and listening through conversation, vocabulary acquisition, structural drills, reading and writing exercises. They continue their study of the cultures of French-speaking countries through readings, music, films, food and other media. French 2 is a fun, communicative approach to language learning with a special emphasis on language use from the first day in class.

### French 3

**600203**

**Prerequisite:** C or higher in French 2 OR  
Consent of French 3 teacher  
**Credit:** 1 credit  
**Grades:** 10th - 12th Grade

**Description:**

This is a two-semester course sequential to French 2. French 3 is designed to increase students' fluency in the French language through various speaking, listening, reading and writing activities. Students will learn more advanced grammar, vocabulary, and communication skills. The cultures of France and the French-speaking-world are embedded into the units of study to promote cultural literacy through the use of texts, films, music, audio files, the Internet, and other media.

### French 4 (French 202 UWGB) (TC-UWGB)

**600204**

**Prerequisite:** C or higher in French 3 OR  
Consent of French 4 teacher  
**Credit:** 1 credit (HONORS)  
**Grades:** 11th - 12th Grade

**Description:**

[French 4 \(French 202 UWGB\) Course Syllabus](#)

This is a two-semester elective course sequential to previous French courses. Students continue their study of advanced French grammar, vocabulary and communication skills. Emphasis is on acquiring a larger French vocabulary and mastery of grammar so that students can become proficient in speaking, listening, reading, and writing. The cultures of France and the French-speaking-world are embedded into the units of study to promote cultural literacy through the use of literature, art, texts, films, music, audio files, the Internet, and other media. Students taking this course as a senior will be informed about university retroactive credit opportunities and will be provided with sample college entrance exams.

### French 5 (French 222 UWGB) (TC-UWGB)

**600205**

**Prerequisite:** C or higher in French 4 OR  
Consent of French 5 teacher  
**Credit:** 1 credit (HONORS)  
**Grades:** 12th Grade Only

**Description:**

This course is organized into six themes (units), as selected by the College Board for the AP Language and Culture course: Global Challenges; Science and Technology; Contemporary Life; Personal and Public Identities; Families and Communities; and Beauty and Aesthetics. Students work on vocabulary and grammatical structures in context. Within each theme, students work on all aspects of communication: listening, speaking, reading and writing. Activities will include the three modes of communication: interpretive, interpersonal and presentational. The cultures of France and the French-speaking world are embedded into the units of study to promote cultural literacy through the use of literature, texts, films, music, audio files, the Internet, and other media. The purpose of this course is to prepare students for the AP French exam and to earn college credit. Students enrolling in the course as French 202 (College Credit in High School through UW-Green Bay), earning a B or better, will earn 14 university credits. The cost of the course is \$315 which will be reimbursed to the student upon successful completion of the course with a B or better. Please contact Mrs. Busch for more information.



# English for Multilingual Learners (EML)

<i>Course Title</i>	<i>Grade</i>	<i>Pre-Requisites</i>	<i>Length</i>
<a href="#">English Language Acquisition Beginner Level 1</a>	9 - 12	Teacher Recommendation	YEAR LONG
<a href="#">English Language Acquisition Level 2</a>	9 - 12	Teacher Recommendation	YEAR LONG
<a href="#">English Language Acquisition Level 3</a>	9 - 12	Teacher Recommendation	YEAR LONG

## English Language Acquisition Beginner Level 1

**940100**

**Prerequisite:** Teacher Recommendation

**Credit:** 1 credit

**Grades:** 9th - 12th Grade

**Description:**

This course provides intensive instruction to the beginning student of English. Emphasis is placed on English literacy and second language learning strategies. Students will speak, listen, read and write using newly acquired vocabulary in the language to communicate thoughts, ideas and opinions. The course will also focus on teaching basic information on American culture: geography, food, language, celebrations, family traditions.

## English Language Acquisition Level 2

**940170**

**Prerequisite:** Teacher Recommendation

**Credit:** 1 credit

**Grades:** 9th - 12th Grade

**Description:**

In this course, students will continue to develop their English language skills within the four language domains: reading, writing, listening, and speaking. This course will focus more heavily on grammar in context while learning content related to American culture and other content areas such as math, science, social studies and literature.

## English Language Acquisition Level 3

**940160**

**Prerequisite:** Teacher Recommendation

**Credit:** 1 credit

**Grades:** 9th - 12th Grade

**Description:**

In this course, students will continue to develop their English language skills within the four language domains: reading, writing, listening, and speaking. Students will read a variety of literature, including poems and novels at a basic reading level. This course will focus on teaching basic parts of speech, basic sentence structure and instruction in writing strategies to help with written, paragraph style composition.



# Agricultural Sciences

[Click here for the Agricultural Sciences COURSE SEQUENCES](#)

Course Title		Grade	Pre-Requisites	Length
EXPLORE	<a href="#">Agology</a>	9	NONE	SEMESTER
	<a href="#">Agricultural Science</a>	9	NONE	YEAR LONG
FOOD SCIENCE	<a href="#">Food Science 1</a>	10 - 12	NONE	SEMESTER
	<a href="#">Food Science 2 (ES)</a>	10 - 12	Food Science 1	SEMESTER
	<a href="#">Food Science Internship</a>	11 - 12	Teacher Recommendation	SEMESTER or YEAR LONG
BIOTECH	<a href="#">Biotechnology (ES) (TC-MC)</a>	11 - 12	Biology	SEMESTER
	<a href="#">Biotechnology Internship</a>	11 - 12	Teacher Recommendation	SEMESTER or YEAR LONG
ENVIRO. SCIENCE	<a href="#">Fish &amp; Wildlife Management</a>	10 - 12	NONE	SEMESTER
	<a href="#">Environmental Science Internship</a>	11 - 12	Teacher Recommendation	SEMESTER or YEAR LONG
ANIMAL SCIENCE	<a href="#">Companion Animals</a>	10 - 12	NONE	SEMESTER
	<a href="#">Animal Science &amp; Aquaculture (ES)</a>	10 - 12	NONE	YEAR LONG
	<a href="#">Honors Animal Science &amp; Aquaculture (ES) (TC-BTC)</a>	10 - 12	Agricultural Science, Agology, OR C or better in Biology	YEAR LONG
	<a href="#">Honors Veterinary Science (ES)</a>	11 - 12	C or better in Animal Science & Aquaculture OR Biology	YEAR LONG
	<a href="#">Animal Science Internship</a>	11 - 12	Teacher Recommendation	SEMESTER or YEAR LONG
PLANT SCIENCE	<a href="#">Botany (ES) (TC-GTC)</a>	10 - 12	NONE	SEMESTER
	<a href="#">Landscape Design (TC-GTC)</a>	10 - 12	NONE	SEMESTER
	<a href="#">Science &amp; Sustainability (ES) (G) (TC-GTC)</a>	10 - 12	NONE	SEMESTER
	<a href="#">Greenhouse Management (TC-GTC)</a>	10 - 12	NONE	2nd SEMESTER
	<a href="#">Plant Science Internship</a>	11 - 12	Teacher Recommendation	SEMESTER or YEAR LONG
ADAPTIVE	<a href="#">Agriculture in the Community (ES)</a>	9 - 12	Teacher Recommendation	YEAR LONG

**NOTE: All courses with the (ES) designation count towards students' graduation requirements as a SCIENCE credit.**



## EXPLORATORY

### Agology

**390100**

**Prerequisite:** NONE  
**Credit:** 1/2 credit (1st Semester)  
**Grades:** 9th Grade Only

**Description:**

Zip along the racetrack to agriculture! We'll make pit stops in Animal Science, Plant Science, Biotechnology, Food Science, Natural Resources, and the FFA. Apology is a shortened version of the year long Agriculture Science class. This class was designed to give the busy student a chance to see the diverse areas of agriculture in a one semester format.

### Agricultural Science

**390101**

**Prerequisite:** NONE  
**Credit:** 1 credit  
**Grades:** 9th Grade Only

**Description:**

There is more to agriculture than cows, sows and plows! In the agriculture science class, we will explore units in animals, plants, natural resources, food science, world agriculture and biotechnology. As agriculture is a very HANDS-ON topic, we will experience lab activities weekly. Some of the topics covered in the animal area include: chickens, animal anatomy identification labs, utilizing our aquaponics system, and learning basic veterinary procedures/equipment. During the plant unit, students will grow a crop of holiday poinsettia plants, make evergreen wreaths, develop terrariums to take home, grow flowers and vegetables, and design a landscape on the computer. While in the food science unit, students will make cheese, dehydrate meat for beef jerky, make various forms of candy, and prepare jam. In the natural sciences unit, we will: conduct biodiversity studies of Big Foot State Park, identify several species of trees in the park, examine endangered species and study animal tracks. If you have interest in anything outside, the food you eat, plants or animals, then agriculture science is for you.

## FOOD SCIENCE

### Food Science 1

**820103**

**Prerequisite:** NONE  
**Credit:** 1/2 credit  
**Grades:** 10th - 12th Grade

**Description:**

Pizza, Apple Pie, Bratwurst, Ice Cream...Now that we have your attention, join us as we explore your favorite foods and the science that goes into making them. Learn about the unique ways foods are processed, prepared and preserved. In addition to those foods listed above, students will prepare, consume and critically evaluate various versions of salsa, fudge, sourdough bread, mozzarella cheese, yogurt, jerky, hard candy, fruit roll ups, and cakes. This class will benefit students interested in a career in the food industry, agriculture, and the general sciences.

### Food Science 2 (ES)

**820200**

**Prerequisite:** Food Science 1  
**Credit:** 1/2 credit  
**Grades:** 10th - 12th Grade

**Description:**

Food processing is one of the largest industries in the United States. As the industry tries to meet consumer demands, more highly knowledgeable and competently trained food technologists are needed. Students will expand their fundamentals of food science (from Food Science 1) and will

conduct more in-depth experiments with various food products. Expected lab activities include: bacon curing, gluten free food product development, candy making, making dehydrated soup mixes, and cheddar cheese production. A primary focus of this class will be product creation and development. Students will be given a product to develop and will work in the food science laboratory to make the product a reality. Food science has one of the highest job placement percentages at UW-Madison and also one of the highest starting salaries. If you like a real-life application of food and science concepts, this class is for you!

### Food Science Internship

**390994**

**Prerequisite:** Teacher Recommendation  
**Credit:** 1/2 credit or 1 credit  
**Grades:** 11th - 12th Grade

**Description:**

Gain career employability, biotechnology, and food science skills without having to leave high school! This internship in biotechnology and food science assists in gaining career skills needed to be successful after high school and achieve maximum success in the future. Learn how to use microorganisms in food science, create cultures, run gel electrophoresis, and gain skills for your future career through this independent study program.



## BIOTECHNOLOGY

### Biotechnology (ES) (TC-MC)

**390127**

**Prerequisite:** Biology  
**Credit:** 1/2 credit (HONORS)  
**Grades:** 11th - 12th Grade

**Description:**

Do you like the television show CSI? Want to learn more about the use of biotech in crime scene investigations? Then, this class is for you. Starting with the basics of cells and DNA, students will have the opportunity to spool their own DNA, clone plants through tissue culture, investigate genetically modified plants, as well as address important issues such as gene therapy, genetically modified foods, stem cell research, and the use of DNA profiling. If you are interested in one of these fast growing fields through a career in biotechnology, medicine, or forensic science then this advanced class will benefit you.

### Biotechnology Internship

**390994**

**Prerequisite:** Teacher Internship  
**Credit:** 1/2 credit or 1 credit  
**Grades:** 11th - 12th Grade

**Description:**

Gain career employability, biotechnology, and food science skills without having to leave high school! This internship in biotechnology and food science assists in gaining career skills needed to be successful after high school and achieve maximum success in the future. Learn how to use microorganisms in food science, create cultures, run gel electrophoresis, and gain skills for your future career through this independent study program.

## ENVIRONMENTAL SCIENCE

### Fish & Wildlife Management

**390107**

**Prerequisite:** NONE  
**Credit:** 1/2 credit  
**Grades:** 10th - 12th Grade

**Description:**

Come join us as we explore the Great Outdoors! This class is designed for students who have an interest in an outdoor career (such as a game warden) and for those who enjoy recreation such as hunting, bird-watching, fishing, and other nature-wildlife related activities. This is an active, outdoor class with numerous block days spent at Big Foot State Park and other local areas of conservation. Some class highlights include: fish taxidermy, wolf population studies, deer biology, building bird houses, making duck decoys and developing fish lures.

### Environmental Science Internship

**390991**

**Prerequisite:** Teacher Recommendation  
**Credit:** 1/2 credit or 1 credit  
**Grades:** 11th - 12th Grade

**Description:**

Gain career employability and environmental / sustainability skills without having to leave high school! This internship is environmental studies and assists in gaining career skills needed to be successful after high school and achieve maximum success in the future. Assist in research within the local environmental community, complete an industry certification program that can be used on resumes, and gain skills for your future career through this independent study program. Prior Agricultural Science courses and instructor approval required.

## ANIMAL SCIENCE

### Companion Animals

**390104**

**Prerequisite:** NONE  
**Credit:** 1/2 credit  
**Grades:** 10th - 12th Grade

**Description:**

Got pets? This one semester class will cover the care of dogs, cats, horses and other small animals. Students will learn various needs of companion animals including: housing and equipment, safety, handling, reproduction, feeding and disease ailments for each type of animal. Hands-on experiences in veterinary practices such as learning to trim animal nails and observing animal vital signs are among the numerous laboratory experiences in this class. Additional activities on pet ownership will also be experienced. This course will help

students prepare for careers in the veterinary and animal science field and will benefit anyone who owns a pet.

### Animal Science & Aquaculture (ES)

**390102**

**Prerequisite:** NONE  
**Credit:** 1 credit  
**Grades:** 10th - 12th Grade

**Description:**

On land or in the sea, what species could it be? In *Animal Science and Aquaculture* class, we will study both mammals on the land and various aquatic species grown for food purposes. In this class, students will utilize over 1000 gallons of aquaculture tanks to grow tilapia and blue gills. *Animal Science* students will study the anatomy, genetics, nutrition, health, management and selection of various large animals that are raised for food purposes. Students will learn the



science behind the animal's body systems through various weekly hands-on laboratory activities. This class will assist the student interested in veterinary, vet-tech, medical or other biological careers.

## **Honors Animal Science & Aquaculture (ES) (TC-BTC)**

**390121**

**Prerequisite:** Agricultural Science,  
Agology, OR  
C or better in Biology

**Credit:** 1 credit (HONORS)

**Grades:** 10th - 12th Grade

### **Description:**

Similar topics about animal science and aquaculture at an advanced paced, college preparatory level. Concepts stressed through lab and lecture with a strong emphasis placed on hands-on inquiry based learning. Ideal for students with a strong understanding of animal science, career plans in vet science or medical.

**Blackhawk Technical College Class: Intro to Animal Science (3 credits)**

## **Honors Veterinary Science (ES)**

**390105**

**Prerequisite:** C or better in  
Animal Science & Aquaculture,  
OR Biology

**Credit:** 1 credit

**Grades:** 11th - 12th Grade

### **Description:**

The hip bone's connected to the what bone? In this year-long class, students will journey from the animal's nose to the tip of its tail studying the systems, muscles, tissues, organs and bones along the way. In addition, students will have the chance to practice veterinary techniques and gain valuable experience through hands-on laboratory exercises while learning about potential careers. If you like to work with animals and are thinking about entering an animal field, or even a medical field then this class is for you!

## **Animal Science Internship**

**390996**

**Prerequisite:** NONE

**Credit:** 1/2 credit or 1 credit

**Grades:** 11th - 12th Grade

### **Description:**

Gain career employability, animal, aquaculture, sales, and marketing skills without having to leave the high school. This internship in animal science assists in gaining career skills needed to be successful after high school and achieve maximum success in the future. Learn how to properly care and maintain animals, create a marketing plan for the aquaculture lab, raise various fish, test water quality, and gain skills for your future career through this independent study program.

## **PLANT SCIENCE**

### **Botany (ES) (TC-GTC)**

**390109**

**Prerequisite:** NONE

**Credit:** 1/2 credit (HONORS)

**Grades:** 10th - 12th Grade

### **Description:**

Venus fly traps, black roses, the corpse flower, purple carrots, yellow raspberries...What do these all have in common? Join us in Plant Science and explore the diverse and crazy world of plants and find out the answer to this question! Be prepared to work in the greenhouse environment every week. In this one semester course students will receive practical HANDS-ON lab experiences in all aspects of plant science. In the lab experiences you will clone plants, learn the art and science of bonsai trees (you get to keep one), do plant genetics studies, make a floral design for a holiday, grow houseplants for your home, graft a vegetable or fruit plant, identify nearly 50 species of plants found around our campus, and grow unusual plants of the world such as coffee, olives or Venus Flytraps! Among the high paying and/or high demand career options in plant science are: lawn grounds-keepers (for a professional

organization like the Brewers), golf course managers or designers, soil scientists, greenhouse managers, organic vegetable or herb growers, urban foresters, and plant genetics researchers.

**Gateway Technical College Class: Intro to Horticulture (3 credits) / Soils & Plant Nutrition (1 credit)**

### **Landscape Design (TC-GTC)**

**390110**

**Prerequisite:** NONE

**Credit:** 1/2 credit (HONORS)

**Grades:** 10th - 12th Grade

### **Description:**

FORE! Jump in the cart as we head down the Landscape Design fairway. In this class students will be introduced to the elements of home and commercial landscaping. After learning the basic techniques, students will make use of the computer in designing landscapes using state of the art software used in the industry today. Students will also utilize the digital camera to take pictures of their home and develop a landscape plan. In addition to design, students will acquire knowledge of various trees and shrubs used in a Wisconsin landscape plan. The





final class activity will be to design a 3-D golf fairway and green. Anyone interested in plants, drafting or designing their own home landscape would benefit from this class.

**Gateway Technical College Class: Sustainable Landscape (1 credit)**

### **Science & Sustainability (ES) (G) (TC-GTC)**

**390212**

**Prerequisite:** NONE  
**Credit:** 1/2 credit (HONORS)  
**Grades:** 10th - 12th Grade

**Description:**

Growing lettuce in a warehouse, rooftop gardens, and backyard chickens; this is the future of sustainability. Feeding the world's ever-increasing urban populations presents both significant challenges and surprising opportunities. As cities continue to grow, millions of individuals, families, and governments are turning to forms of urban agriculture to help meet their food security needs. Urban agriculture practices involve the growing, processing, and distribution of food and other products through intensive plant cultivation and sustainability. Learn more about urban agricultural science through hands-on learning growing produce in the greenhouses, community gardens, local community, and even your own home backyard. Topics include worm composting, aquaculture, gardening, local foods, backyard bees, carbon footprints, and further investigations in the food supply.

**Gateway Technical College Class: Plants, Pests, & Beneficials (1 credit) / Vegetable Science (3 credits)**

### **Greenhouse Management (TC-GTC)**

**390106**

**Prerequisite:** NONE  
**Credit:** 1/2 credit (HONORS)  
2nd semester only  
**Grades:** 10th - 12th Grade

**Description:**

It's a jungle out there in our 70 degree plant paradise! In this one semester course offered in the spring only, students will learn the basics of growing plants in a greenhouse environment. Students should expect a majority of their time to be spent in the school's two greenhouses learning planting techniques, management skills and operation of a computer controlled greenhouse. Over 80 types of annuals and perennials are raised, which adds up to over 600 flats grown, managed and sold by the students in this class. Additionally, students will learn the identification of the above crops, pest management and marketing of horticultural crops.

**Gateway Technical College Class: Greenhouse Crops (3 credits)**

### **Plant Science Internship**

**390992**

**Prerequisite:** Teacher Recommendation  
**Credit:** 1/2 credit or 1 credit  
**Grades:** 11th - 12th Grade

**Description:**

Gain career employability, greenhouse, sales, and marketing skills without having to leave the high school! This internship in horticulture assists in gaining career skills needed to be successful after high school and achieve maximum success in the future. Learn how a greenhouse business operates, create marketing plans for plant sales, care and maintain for various plants, and gain skills for your future career through this independent study program.

## **ADAPTIVE AGRICULTURAL EDUCATION**

### **Agriculture in the Community (ES)**

**390999**

**Prerequisite:** Teacher Recommendation  
**Credit:** 1 credit  
**Grades:** 9th - 12th Grade

**Description:**

Welcome to this inclusive agriscience course. This is an enriching journey through the world of agriscience designed to accommodate the diverse strengths and perspectives of all students, irrespective of their abilities. This year-long course offers an immersive experience where students can explore the fundamentals of agriscience, engage in practical learning, and foster a sense of community within the realm of agriscience.



# Art

[Click here for the Art COURSE SEQUENCE](#)

<b>Course Title</b>	<b>Grade</b>	<b>Pre-Requisites</b>	<b>Length</b>
<a href="#">Art Foundations</a>	9 - 12	NONE	SEMESTER
<a href="#">Art Metals &amp; Jewelry</a>	9 - 12	Art Foundations	SEMESTER
<a href="#">Drawing</a>	9 - 12	Art Foundations	SEMESTER
<a href="#">Painting</a>	9 - 12	Art Foundations	SEMESTER
<a href="#">Pottery 1</a>	9 - 12	Art Foundations	SEMESTER
<a href="#">Sculpture</a>	9 - 12	Art Foundations	SEMESTER
<a href="#">Stained Glass</a>	9 - 12	Art Foundations	SEMESTER
<a href="#">Advanced 2D Design</a>	10 - 12	Drawing OR Painting	SEMESTER
<a href="#">Photography 1 (Darkroom)</a>	10 - 12	Art Foundations	SEMESTER
<a href="#">Photography 2 (Digital)</a>	10 - 12	Photography 1	SEMESTER
<a href="#">Pottery 2</a>	10 - 12	Pottery 1	SEMESTER
<a href="#">Yearbook</a>	10 - 12	NONE	YEAR LONG
<a href="#">AP Studio 2D Design Portfolio Development</a>	11 - 12	Advanced 2D courses & Teacher Recommendation	YEAR LONG
<a href="#">AP Studio 3D Design Portfolio Development</a>	11 - 12	Advanced 3D courses & Teacher Recommendation	YEAR LONG
<a href="#">AP Studio Drawing Portfolio Development</a>	11 - 12	Advanced 2D courses & Teacher Recommendation	YEAR LONG
<a href="#">Art in the Community</a>	9 - 12	Teacher Recommendation	SEMESTER



## Art Foundations

### 605100

**Prerequisite:** NONE  
**Credit:** 1/2 credit  
**Grades:** 9th - 12th Grade

#### Description:

This beginning level course is a prerequisite for all other art classes. This semester-long course will focus on learning and applying the elements and principles of design through a variety of two and three dimensional projects. Various mediums and techniques will be introduced and may include drawing, painting, printmaking, sculpting, assembling, and collage. Students will master basic skills and practice intermediate techniques while developing a fundamental understanding of and appreciation for the visual arts.

## Art Metals & Jewelry

### 605340

**Prerequisite:** Art Foundations  
**Credit:** 1/2 credit  
**Grades:** 9th - 12th Grade

#### Description:

In this course students will learn the basic techniques of metalsmithing which will result in the creation of one of a kind jewelry pieces. Students will learn the metals and jewelry vocabulary and the basic techniques of metal fabrication. Students will learn how to saw, add textures, manipulate wire and metal, create decorative finishes, silver solder, and polish their unique jewelry pieces.

## Drawing

### 605210

**Prerequisite:** Art Foundations  
**Credit:** 1/2 credit  
**Grades:** 9th - 12th Grade

#### Description:

In this course students will focus on creating forms on a two dimensional surface using the elements of line, shape and value. Emphasis will be placed on studio work. This class will also expand on a student's ability to see, explore, and interpret the world around them. Students will increase their artistic abilities using a variety of different media including charcoal, pencil, colored pencil, pen and ink, pastels and conté colors. Students will be able to promote and share their ideas through class discussion and group critique.

## Painting

### 605220

**Prerequisite:** Art Foundations  
**Credit:** 1/2 credit  
**Grades:** 9th - 12th Grade

#### Description:

In this class students will explore oil, watercolor and include a variety of techniques on paper and canvas. Subject matter will be both assigned and chosen by the student. Review of the

elements of art and principles of design, color theory, creation of artwork, and large group critiques are all part of this class.

## Pottery 1

### 605330

**Prerequisite:** Art Foundations  
**Credit:** 1/2 credit  
**Grades:** 9th - 12th Grade

#### Description:

Pottery is a semester-long course for students to develop their knowledge and techniques of working with clay on the potter's wheel. The class will focus on functional ceramic vessels such as cups, bowls, mugs, vases, and jars. Students will be introduced to a wide variety of ways to embellish the surface of the piece. A variety of glazing and firing techniques will be learned. Students will be introduced to contemporary potters and significant historical pieces. The class will include pottery research, discussion, and the opportunity to explore and create.

## Sculpture

### 605350

**Prerequisite:** Art Foundations  
**Credit:** 1/2 credit  
**Grades:** 9th - 12th Grade

#### Description:

This class will center on helping students to think and create three-dimensionally from a sculptural perspective using clay as the primary medium. Students will learn ceramic production methods such as coil-building, slab construction techniques, and use of plaster molds. Additionally, students will incorporate the use of surface design and sculptural details into their work. Projects will range from hand-built functional vessels to figurative sculptures. This class will include research and discussion.

## Stained Glass

### 605240

**Prerequisite:** Art Foundations  
**Credit:** 1/2 credit  
**Grades:** 9th - 12th Grade

#### Description:

In this course students will have the opportunity to work with glass cutting tools and a soldering iron. Students will create an artistic composition after learning how to cut, grind, and fit glass pieces together. Students will study historical stained glass works and investigate the methods behind accomplishing these works. Final projects may be 2 dimensional window panels or 3D forms such as lamps and/or boxes. Students will also be required to complete a research project and presentation, quizzes, and outside reading.



## Advanced 2D Design (Drawing & Painting 2)

**605413**

**Prerequisite:** Drawing or Painting  
**Credit:** 1/2 credit  
**Grades:** 10th - 12th Grade

### **Description:**

This is a continuation of Drawing and Painting as students will expand on what was learned in these previous classes. Emphasis will be based on studio work as students will be introduced to new techniques and a variety of media. Students may work in charcoal, pencil, watercolor, acrylic, and oil paint. Students will investigate dynamic compositions and meaningful images based on observation, memory, the imagination, and as a vehicle for self expression. Students will be able to promote and share their ideas through class discussion and critique. This course is open to anyone who has met the prerequisite and highly recommended for those who plan on continuing on to Advanced Placement 2D Design or Drawing Portfolio Development.

## Photography 1 (Darkroom)

**605230**

**Prerequisite:** Art Foundations  
**Credit:** 1/2 credit  
**Grades:** 10th - 12th Grade

### **Description:**

Photography is an introductory course designed to give students the basic skills of 35mm camera operation and black and white developing, enlarging, and printing. In addition, students will develop their ability to discuss and interpret a photographic image. Students will learn to use an enlarger to manipulate images.

## Photography 2 (Digital)

**605430**

**Prerequisite:** Photography 1  
**Credit:** 1/2 credit  
**Grades:** 10th - 12th Grade

### **Description:**

This course will focus on techniques used by professional photographers. Photo-journalism and portraiture will be taught. Students will develop a visual awareness and learn to appreciate the visual elements that surround them daily. Students will continue to use digital cameras and Photoshop to manipulate images with current technology and software.

## Pottery 2

**605530**

**Prerequisite:** Pottery 1  
**Credit:** 1/2 credit  
**Grades:** 10th - 12th Grade

### **Description:**

This course continues the development of introductory techniques and skills learned in Pottery 1. This course will include advanced wheel throwing techniques, altering forms, and more complicated projects such as tea pots and composite pots. Students will be encouraged to develop a style or series of work. This class will aid students in the exploration of the "fine art" aspects of creating with clay as well as the rationale behind using different clay bodies and firing techniques. This class will include research, discussion, and the opportunity to explore and create.

## Yearbook

**605010**

**Prerequisite:** NONE  
**Credit:** 1 credit  
**Grades:** 10th - 12th Grade

### **Description:**

This course is recommended for students who are outgoing and interested in both English and Art. Students will work as photojournalists throughout the year to create the Badger yearbook. Students should be interested in story writing, creating captions and headlines, interviewing, photography, design and layout, sales, and promotion. Students will be required to attend some school events for the purpose of photographing and documenting the event. It is crucial that students meet deadlines set forth by Jostens so that our school is not fined and our yearbooks arrive on time.



## AP Studio 2D Design & Portfolio Development

605900

**Prerequisite:** Advanced 2D Courses & Teacher Recommendation

**Credit:** 1 credit (HONORS)

**Grades:** 11th - 12th Grade

### Description:

Advanced Placement (AP) Studio Art 2-D Design Portfolio is a course that expands on previous art courses and follows the AP course guidelines. In AP 2-D Art and Design you'll develop skills using materials and processes such as photography, graphic design, collage, printmaking, fashion illustration, and others. You'll create artwork that reflects your own ideas and skills and what you've learned. The work will focus on the two dimensional skills of art and design including line, shape, plane, layer, form, space, texture, color, opacity, variety, unity, movement, balance, emphasis, contrast, repetition, hierarchy, etc. At the end of the course you'll submit a portfolio to the College Board that demonstrates your ability to practice, experiment, and revise your own work while communicating your ideas about art and design.

## AP Studio 3D Design & Portfolio Development

605910

**Prerequisite:** Advanced 3D Courses & Teacher Recommendation

**Credit:** 1 credit (HONORS)

**Grades:** 11th - 12th Grade

### Description:

Advanced Placement (AP) Studio Art 3-D Design Portfolio is a course that expands on previous art courses and follows the AP course guidelines. In AP 3-D Art and Design you'll explore how to create art in different disciplines such as sculpture, architectural rendering, metal work, ceramics, assemblage and others. Students will investigate sculptural topics and design principles as they relate to form, space, volume, surface design, scale, texture, pattern, unity, balance, composition, and depth. At the end of the course you'll submit a portfolio to the

College Board that demonstrates your knowledge of art skills using three dimensional materials.

## AP Studio Drawing & Portfolio Development

605905

**Prerequisite:** Advanced 2D Courses & Teacher Recommendation

**Credit:** 1 credit (HONORS)

**Grades:** 11th - 12th Grade

### Description:

Advanced Placement (AP) Studio Art Drawing Portfolio is a course that expands on previous art courses and follows the AP course guidelines. In AP Drawing you'll experiment with a variety of materials and processes as you develop your drawing and painting skills. In addition to drawing and painting you may also incorporate digital illustration, printmaking, and mixed media work. You'll create artwork that reflects your own ideas and skills and what you've learned. The work will focus on the use of drawing and painting skills, including mark making, line, surface, space, light and shade, and composition. At the end of the course you'll submit a portfolio to the College Board that demonstrates your ability to practice, experiment, and revise your own work while communicating your ideas about art and design.

## ADAPTIVE ART EDUCATION

### Art in the Community

605050

**Prerequisite:** Teacher Recommendation

**Credit:** 1/2 credit

**Grades:** 9th - 12th Grade

### Description:

This course creates an immersive exploration of creativity and expression designed to celebrate the diverse talents and perspectives of all students, regardless of their abilities. The course provides a platform where students can engage in artistic endeavors, discover their creative potential, and foster a sense of belonging within the school and broader community.



# Business & Marketing

[Click here for the Business & Marketing COURSE SEQUENCES](#)

	<i>Course Title</i>	<i>Grade</i>	<i>Pre-Requisites</i>	<i>Length</i>
<a href="#">EXPLORE</a>	<a href="#">Introduction to Marketing &amp; Business</a>	9	NONE	SEMESTER
	<a href="#">Computers for Professionals (TC-GTC)</a> Offered every other year. Next offerings are: 2025-2026 & 2027-2028	9 - 12	Recommended: Basic keyboard skills	SEMESTER
	<a href="#">Google &amp; Technology Applications</a> Offered every other year. Next offerings are: 2024-2025 & 2026-2027	9 - 12	NONE	SEMESTER
<a href="#">BUSINESS</a>	<a href="#">Business Principles (TC-GTC)</a>	10 - 12	NONE	SEMESTER
	<a href="#">Business &amp; Personal Law 1</a>	10 - 12	NONE	SEMESTER
	<a href="#">Business &amp; Personal Law 2 (TC-GTC)</a>	10 - 12	Business & Personal Law 1	SEMESTER
	<a href="#">Entrepreneurship (G)</a>	11 - 12	Business Principles OR Marketing Principles with a B or better	SEMESTER
<a href="#">MARKETING</a>	<a href="#">Marketing Principles 1</a>	10 - 12	NONE	SEMESTER
	<a href="#">Marketing Principles 2 (TC-GTC)</a>	10 - 12	Marketing Principles 1	SEMESTER
	<a href="#">Sports &amp; Entertainment Marketing (TC-GTC)</a>	10 - 12	NONE	SEMESTER
	<a href="#">Digital Marketing (TC-GTC)</a>	10 - 12	NONE	SEMESTER
	<a href="#">Advanced Business &amp; Marketing Strategies (G)</a> Offered every other year. Next offerings are: 2025-2026 & 2027-2028	11 - 12	Must complete at least 2 (preferably more) of the following courses: Marketing Principles 1, Marketing Principles 2, Business Principles, &/or Entrepreneurship	YEAR LONG
<a href="#">FINANCIAL LITERACY</a>	<a href="#">Personal Finance (FL) (TC-GTC)</a>	10 - 12	NONE	SEMESTER



## EXPLORATORY

### Introduction to Marketing & Business

**800104**

**Prerequisite:** NONE  
**Credit:** 1/2 credit  
**Grades:** 9th Grade Only

**Description:**

Introduction to Marketing and Business is a semester-long course that is taught in two quarters, where the focus for nine weeks is on basic business principles and nine weeks for basic marketing principles. Students will have the opportunity to explore marketing and business careers, learn fundamentals of marketing and business that will prepare them for future classes in this department, learn how to develop their creativity, and set challenging but attainable goals for themselves. Additional units include computer applications, business law, credit and advertising. They will develop these skills through hands-on projects, class discussion and assignments. Students in Introduction to Marketing and Business will also have the opportunity to participate in DECA.

### Computers for Professionals (TC-GTC)

**610121**

**Prerequisite:** Recommended: Basic keyboard skills  
**Credit:** 1/2 credit (HONORS)  
**Grades:** 9th - 12th Grade

**Note: Offered every other year.**

**Next offerings are: 2025-2026 & 2027-2028**

**Description:**

Excel in our digital world by acquiring the hardware, software, business productivity and internet skills employers and

colleges will test you on. In addition to basic computer knowledge, students will master word processing (MS-Word), spreadsheet (Excel), and presentation (PowerPoint) software and internet skills preparing them for industry certification. Students should have a touch keyboarding speed of at least 35 words per minute. Most colleges require you to take a similar course in college, but you can test out of it if you learn it here.

### Google & Technology Applications

**800221**

**Prerequisite:** NONE  
**Credit:** 1/2 credit  
**Grades:** 9th - 12th Grade

**Note: Offered every other year.**

**Next offerings are: 2024-2025 & 2026-2027**

**Description:**

This is a class everyone should be taking. Google & Technology Applications will enable students to utilize their Chromebooks and Google services such as Docs, Sheets, Slides, Forms, and Drive to perform educational and professional tasks more efficiently and productively. Google Suite tools can be used for business, education, and your career. Students will also expand their search skills to acquire the information and support they need. In addition to a simulation demonstrating these skills, students will also have opportunities to explore Google Earth and Maps, as well as additional Google software features. Additional topics may include: CyberSecurity, Digital Security and Digital Citizenship. Each day will be something fun and exciting to work on the 4 C's (Creation, Collaboration, Communication, and Critical Thinking), so come and check it out!

## BUSINESS

### Business Principles (TC-GTC)

**800503**

**Prerequisite:** NONE  
**Credit:** 1/2 credit (HONORS)  
**Grades:** 10th - 12th Grade

**Description:**

Business is the core of our economic system and everyone should have basic business knowledge. In this course, students will gain an understanding of the economy, business ethics and corporate social responsibility, human resource, business management and ownership, along with marketing in business. This course gives students the opportunity to foster critical and analytical thinking by doing a variety of different projects, activities, and exploring various videos. Students will learn what it takes to start their own business. Every student interested in understanding business as it relates to life in a global economy or thinking of a potential career in business should definitely take this course!

### Business & Personal Law 1

**800507**

**Prerequisite:** NONE  
**Credit:** 1/2 credit  
**Grades:** 10th - 12th Grade

**Description:**

Business Law is a course for everyone. The course involves the application of legal practices into the individual's personal life. In addition to studying the development of law, the course discusses contracts, property ownership, the court's function, employment relationships, and a variety of other functions of the law. The class uses real-life examples to relate to many of the class discussions. The class will help give you knowledge to apply to your life after high school.



## Business & Personal Law 2 (TC-GTC)

610251

**Prerequisite:** Business & Personal Law 1

**Credit:** 1/2 credit (HONORS)

**Grades:** 10th - 12th Grade

**Description:**

Business Law 2 will dive deeper into the individual roles of a lawyer within the court system, employment contracts, employee discrimination, laws that govern your own business, and a variety of other topics, such as mock trial activities. Students will create projects and participate in group work to show knowledge of topics. During the semester we also take a field trip to the Walworth County Court House in Elkhorn to view a court proceeding and go through the booking process at the jail. This course is recommended for any student who plans on owning his/her own business or would like to better educate himself/herself on business and personal law.

## Entrepreneurship (G)

800541

**Prerequisite:** Business Principles OR Marketing Principles with a B or better

**Credit:** 1/2 credit

**Grades:** 11th - 12th Grade

**Description:**

Entrepreneurship is the art of owning and operating your own business. In this class, students will assess their entrepreneurial attitudes and ability, learn how to assess business competition, and create a business plan. Students will learn from entrepreneurs who will speak in class, projects, videos, traditional assignments, and from the semester project of developing their own business plan. Students will also have the opportunity to use their business in the DECA competitions.

## MARKETING

### Marketing Principles 1

800530

**Prerequisite:** NONE

**Credit:** 1/2 credit

**Grades:** 10th - 12th Grade

**Description:**

Students in Marketing Principles I will gain a basic understanding of what marketing is, as well as selling, pricing, and promotion. Students will learn these concepts through a variety of high-energy methods such as projects, videos, activities, and traditional classroom instruction. Marketing Principles I gives students the unique ability to exercise their teamwork, creativity, and business skills. It is recommended that students who plan to pursue a business career or degree take both Marketing Principles I and II. Students will also have the opportunity to participate in DECA and Bucky's Den (the school store).

### Marketing Principles 2 (TC-GTC)

800531

**Prerequisite:** Marketing Principles 1

**Credit:** 1/2 credit (HONORS)

**Grades:** 10th - 12th Grade

**Description:**

Students in Marketing Principles 2 will build upon concepts learned in Marketing Principles I. Class begins with a review and then will go on to cover business risk, distribution and logistics, product/service planning (branding, labeling, packaging), market research, and retail principles (visual merchandising). Students will complete engaging projects such as developing a new product, doing a market research project to improve Badger High School, and create visual display cases. They will also have the opportunity to participate in DECA and Bucky's Den (the school store).

### Sports & Entertainment Marketing (TC-GTC)

990402

**Prerequisite:** NONE

**Credit:** 1/2 credit (HONORS)

**Grades:** 10th - 12th Grade

**Description:**

This semester course is designed for students with an interest in pursuing a career in the sports or entertainment marketing industry. Students will learn advanced promotional concepts and will also focus on solving public relations and profitability problems in the industry. Units include stadium design and financing, licensing, endorsements, intellectual property rights, the music industry and the movie industry, sponsorship, and ethics/public relations. Students will have the opportunity to participate in DECA and Bucky's Den (the school store).

### Digital Marketing (TC-GTC)

800121

**Prerequisite:** NONE

**Credit:** 1/2 credit (HONORS)

**Grades:** 10th - 12th Grade

**Description:**

In this course, learners will investigate marketing through digital channels. Using electronic devices, learners investigate mobile applications, email, and web applications. They examine how web design, Search Engine Optimization (SEO), and reputation management are applied in digital promotions. They will also explore social media marketing and determine how these forms of media are revolutionizing the marketing landscape today. Learners will integrate social media to increase brand awareness, identify key audiences, and generate sales leads. Students will use a social media simulation to demonstrate their knowledge of digital marketing. Upon completion of the course, learners will be able to initiate, manage, and evaluate digital marketing strategies for a business. They will also be able to use social media strategies to build meaningful relationships with customers.





## **Advanced Business & Marketing Strategies (G)**

**800528**

**Prerequisite:** Must complete at least 2 (preferably more) of the following courses:  
Marketing Principles 1,  
Marketing Principles 2,  
Business Principles, &/or  
Entrepreneurship

**Credit:** 1 credit

**Grades:** 11th - 12th Grade

**Note: Offered every other year.**

**Next offerings are: 2025-2026 & 2027-2028**

### **Description:**

Advanced Business & Marketing Strategies is a class designed for students who are serious about pursuing a career in business or marketing. Students will apply concepts learned in prerequisite courses in a practical manner by working on community projects and in depth activities. Units include: Business Communication (Badger Discount Card Project), Business Etiquette (professional dress project), Management Concepts, Visual Merchandising (project to create displays for downtown businesses), Customer Service (includes industry certification), Project Management (including implementation), and Marketing Plans. Students will develop professional digital portfolios and complete a written project based on a marketing related situation or problem. Students will be able to take an industry certification test in Customer Service through the National Retail Federation as well as explore other opportunities in DECA and Bucky's Den (school store).

## **FINANCIAL LITERACY**

### **Personal Finance (FL) (TC-GTC)**

**800126**

**Prerequisite:** NONE

**Credit:** 1/2 credit (HONORS)

**Grades:** 10th - 12th Grade

### **Description:**

Learning about money is as important as earning it. This course is designed to help students develop strategies and skills for : how to file taxes, banking services, maximizing their earning potential, budgeting resources, using credit wisely, examining investment opportunities, and insurance planning. Students will develop their own financial plan, learn the time value of money, and explore the benefits of long range planning and investments. Students will also explore ways to protect their assets, explore online money management tools and examine their consumer rights. The goal of this course is for students to understand how to become wiser consumers and to get the most out of the money that they earn.

**This class satisfies Badger High School's financial literacy requirement.**



# Family & Consumer Sciences

[Click here for the Family & Consumer Sciences COURSE SEQUENCE](#)

<i>Course Title</i>		<i>Grade</i>	<i>Pre-Requisites</i>	<i>Length</i>
<u>CULINARY ARTS</u>	<a href="#">Foods 1</a>	9 - 12	NONE	SEMESTER
	<a href="#">Foods 2</a>	9 - 12	Foods 1	SEMESTER
	<a href="#">Basic Baking Techniques (TC-GTC)</a>	10 - 12	Foods 2	SEMESTER
	<a href="#">Principles of Hospitality (TC-GTC)</a>	10 - 12	NONE	SEMESTER
	<a href="#">Culinary Arts 1 (Foods 3) (TC-GTC)</a>	11 - 12	Foods 2	YEAR LONG
	<a href="#">Culinary Arts 2 (Foods 4) (TC-GTC)</a>	12	Culinary Arts 1	YEAR LONG
<u>DESIGN</u>	<a href="#">Fashion &amp; Textile Construction 1</a>	9 - 12	NONE	SEMESTER
	<a href="#">Fashion &amp; Textile Construction 2</a>	9 - 12	Fashion & Textile Construction 1	SEMESTER
	<a href="#">Fashion Design</a>	10 - 12	NONE	SEMESTER
	<a href="#">Interior Design (TC-GTC)</a>	11 - 12	NONE	SEMESTER
<u>EARLY CHILD EDU.</u>	<a href="#">Health, Safety, &amp; Nutrition (TC-GTC)</a>	10 - 12	NONE	SEMESTER
	<a href="#">Child Development (TC-GTC)</a>	11 - 12	Health, Safety, & Nutrition	SEMESTER
	<a href="#">Assistant Childcare Teacher (ACCT) (TC-GTC)</a>	11 - 12	Child Development	SEMESTER
<u>FINANCIAL LITERACY</u>	<a href="#">Independent Living (FL)</a>	10 - 12	NONE	SEMESTER
<u>HUMAN SERVICES</u>	<a href="#">Intro to Human Services (TC-GTC)</a>	11 - 12	NONE	SEMESTER



## CULINARY ARTS

### Foods 1

**820101**

**Prerequisite:** NONE  
**Credit:** 1/2 credit  
**Grades:** 9th - 12th Grade

**Description:**

This is an introductory course which explores kitchen principles, skills and cooking techniques. Foods 1 focuses on basic safety and sanitation. This course will teach students various cooking styles and students will demonstrate the basic knowledge of kitchen tools.

### Foods 2

**820102**

**Prerequisite:** Foods 1 with a C+ or better  
**Credit:** 1/2 credit  
**Grades:** 9th - 12th Grade

**Description:**

Foods 2 is a continuation of Foods 1. In Foods 2 students will explore preparing dairy products, meat, poultry, fish, advanced baking, and regional and international cuisine. Students will learn and demonstrate advanced cooking techniques.

### Basic Baking Techniques (TC-GTC)

**820121**

**Prerequisite:** Foods 2 with a C+ or better  
**Credit:** 1/2 credit (HONORS)  
**Grades:** 10th - 12th Grade

**Description:**

Students will use basic principles learned in previous foods classes and apply those principles in Basic Baking Techniques. Students will touch on the following units of study: quick breads, cookies, brownies, yeast breads, cakes and icing, chocolate and decorative work, and laminated doughs. This course is also a feeder to the ProStart Culinary Arts program(s).

### Principles of Hospitality (TC-GTC)

**820108**

**Prerequisite:** NONE  
**Credit:** 1/2 credit (HONORS)  
**Grades:** 10th - 12th Grade

**Description:**

This class will explore the world of hospitality; food and beverage, lodging, tourism and travel, event planning, recreation and their related businesses. Origin, development, current scope, and future outlook of the hospitality industry are covered. Global perspectives and diversity issues are also discussed as they relate to the hospitality industry. This class

prepares students to interact with people, covering social and corporate etiquette. History, background and future trends of each field are presented in such a manner as to enable students to evaluate and make career decisions. Students will begin to develop a career portfolio that will showcase the student's personal and professional development in relation to a career pathway and 21st Century Skills.

### Culinary Arts 1 (Foods 3) (TC-GTC)

**820104**

**Prerequisite:** Foods 1 with a C+ or better **AND**  
Foods 2 with a C+ or better  
**Credit:** 1 credit (HONORS) (5th Only)  
**Grades:** 11th - 12th Grade

**Description:**

*Students' applications must be approved 2 weeks prior to registration by the instructor. Pick up an application in the family consumer education department.*

Culinary Arts is a two year program designed for those who are interested in pursuing either a career in the food service industry or post secondary education. Students who successfully complete the 2 year program will receive certification from the National Restaurant Association (NRA) which will provide them with articulated college credit or advanced standing opportunities at some 30+ colleges and universities across the United States, along with many scholarship opportunities. Students will also work toward receiving ServSafe® Sanitation Management Certification through the NRA which allows the student to get their sanitation managers license through the State of Wisconsin Health Department. As part of the practical learning process, students run a catering business through the high school. Students interested in pursuing this class as an option should intend on gaining employment in a related field to gain full certification. Students are encouraged to enroll in the Food Service Coop concurrently if they are employed in a food service related occupation. *Students must enroll in the summer school Sanitation and Hygiene course.*

### Culinary Arts 2 (Foods 4) (TC-GTC)

**820105**

**Prerequisite:** Culinary Arts 1  
**Credit:** 1 credit (HONORS) (5th Only)  
**Grade:** 12th Grade Only

**Description:**

See course description above. Continuation of Culinary Arts I. Upon successfully passing the ProStart National Exams and earning the National ProStart Certificate of Achievement students may earn Gateway Technical College credit.



## DESIGN (INTERIOR / FASHION)

### Fashion & Textile Construction 1

**820215**

**Prerequisite:** NONE  
**Credit:** 1/2 credit  
**Grades:** 9th - 12th Grade

**Description:**

This course includes purchasing and care of clothing as well as basic sewing construction of clothing or accessories. Students choose their own projects from guideline requirements. Materials and supplies will be the responsibility of the student.

### Fashion & Textile Construction 2

**820216**

**Prerequisite:** Fashion & Textile Construction 1  
**Credit:** 1/2 credit  
**Grades:** 9th - 12th Grade

**Description:**

This course includes continued study of clothing construction with more advanced project selection. The course will also cover fashion careers, the fashion business, courses of study, and job opportunities in fashion merchandising. Materials and supplies will be the responsibility of the student.

### Fashion Design

**820620**

**Prerequisite:** NONE  
**Credit:** 1/2 credit  
**Grades:** 10th - 12th Grade

**Description:**

This course is designed for the student to explore and understand various facets of today's fashion industry. Areas included are fashion design, fashion buying, merchandising, and the retail function. Students will study the history of fashion, clothing influences, the elements, and principles of design applied to fashion design, wardrobe planning, how to select ready-made garments, and careers in fashion. To better understand apparel merchandising, this course culminates by planning and executing a fashion showcase event.

### Interior Design (TC-GTC)

**820630**

**Prerequisite:** NONE  
**Credit:** 1/2 credit (HONORS)  
**Grades:** 11th - 12th Grade

**Description:**

Students study the basics of interior design principles. The areas of study include: floor plans; furniture design; and all interior surface materials, including their choice and care. Students visit local businesses for study of interior materials.

## EARLY CHILDHOOD EDUCATION

### Health, Safety, & Nutrition (TC-GTC)

**820710**

**Prerequisite:** NONE  
**Credit:** 1/2 credit (HONORS)  
**Grades:** 10th - 12th Grade

**Description:**

This 3-credit Gateway transcribed course examines the topics of health, safety and nutrition within the context of the early childhood educational setting. Course competencies include: standards that apply to health, safety, and nutrition in an early childhood environment. The students will plan nutritionally sound menus, adhere to child abuse and neglect mandates, apply Sudden Infant Death Syndrome (SIDS) risk reduction strategies, and apply strategies to prevent the occurrence of Shaken Baby Syndrome (SBS). The students will get real life experience with the Realityworks infant simulator. Students will leave with industry recognized certificates SBS and SIDS. This is one of three courses that follow pathways of Early Childhood Education and Teaching/Training.

### Child Development (TC-GTC)

**820510**

**Prerequisite:** C+ or better in Health, Safety, & Nutrition  
**Credit:** 1/2 credit (HONORS)  
**Grades:** 11th - 12th Grade

**Description:**

This course is for students that plan on working with children as a parent or in a career. This is a dual 3 credit course that examines child development within the context of an early childhood education setting. Course competencies include: analyze the development of children ages 3-8; examine the role of brain development; integrate strategies that support diversity, cultural responsiveness and anti-bias perspectives; summarize child development theories; and analyze the role of heredity and the environment.



## Assistant Childcare Teacher (ACCT) (TC-GTC)

**820504**

**Prerequisite:** C+ or better in *Child Development*

**Credit:** 1/2 credit (HONORS)

**Grades:** 11th - 12th Grade

### **Description:**

This 3-credit Gateway transcribed course includes 20 hours of on-site observations and participation at local child care centers. The local child care centers are Lake Geneva Montessori, Kiddie Kollege Learning Academy and area 5K classrooms. The course integrates strategies that support diversity and anti-bias perspectives; investigate the history of early childhood education; summarize types of early childhood education settings; identify the components of a quality early childhood education program; summarize responsibilities of early childhood education professionals; and explore early childhood curriculum models. Students that satisfactorily complete the course will be certified by the Department of Public Instruction (DPI) to work in early childhood education. This is an excellent course for students seeking experience in a career related to working with children. This is one of three courses that follow pathways of Early Childhood Education and Teaching/Training.

## FINANCIAL LITERACY

### Independent Living (FL)

**820525**

**Prerequisite:** NONE

**Credit:** 1/2 credit

**Grades:** 10th - 12th Grade

### **Description:**

This course is meant to address things that students will likely be facing as high school comes to a close and they move on to a new stage of life. This class is a guide to personal finance. The course gives students an understanding of the concepts and principles of managing personal finances. Topics include college planning and career skills, savings and investing, credit, insurance, taxes, and social security, spending patterns and budget planning, housing and transportation, and consumer protection.

***\*This class meets the financial literacy requirement.***

## HUMAN SERVICES

### Introduction to Human Services (TC-GTC)

**820150**

**Prerequisite:** NONE

**Credit:** 1/2 credit (HONORS)

**Grades:** 11th - 12th Grade

### **Description:**

This course is an overview of human services, types of agencies, delivery systems and human services as a career field. Emphasis will be placed on developing the generalist concept and the role of the associate degree human service worker.



# Leadership

<i>Course Title</i>	<i>Grade</i>	<i>Pre-Requisites</i>	<i>Length</i>
<a href="#">Leadership</a>	10 - 11	Staff Recommendation	SEMESTER

## Leadership

**110100**

**Prerequisite:** Staff Recommendation

**Credit:** 1/2 credit

**Grades:** 10th & 11th Grade

**Description:**

The purpose of this semester course is for students to develop leadership skills that will enhance their relationships with the community, peers, teachers, and administration at Badger High School. Students will be exposed to and study a variety of leadership ideas and will be asked to practice their skills outside of the classroom. In addition, students will study how to communicate effectively and manage conflict as a leader. This class will create an environment in which students can develop their own leadership mindset with the purpose of becoming positive community members within the school and beyond.



# Performing Arts

[Click here for the Performing Arts COURSE SEQUENCES](#)

	<b>Course Title</b>	<b>Grade</b>	<b>Pre-Requisites</b>	<b>Length</b>
MUSIC	<a href="#">Chamber Orchestra</a>	9 - 12	Director Recommendation	YEAR LONG
	<a href="#">Concert Band</a>	9 - 12	Knowledge of an Instrument	YEAR LONG
	<a href="#">Concert Choir</a>	9 - 12	NONE	YEAR LONG
	<a href="#">Introduction to Singing</a>	9 - 12	NONE	YEAR LONG
	<a href="#">Jazz Ensemble</a>	9 - 12	Director Recommendation & Audition	YEAR LONG
	<a href="#">Jazz Lab</a>	9 - 12	Director Recommendation & Audition	YEAR LONG
	<a href="#">Jazz Workshop</a>	9 - 12	Director Recommendation & Audition	YEAR LONG
	<a href="#">Orchestra</a>	9 - 12	NONE	YEAR LONG
	<a href="#">Piano, Percussion, and Music Discovery</a>	9 - 12	NONE	SEMESTER
	<a href="#">Symphonic Band</a>	9 - 12	Director Recommendation	YEAR LONG
	<a href="#">Treble Clef</a>	9 - 12	Teacher Recommendation / Audition	YEAR LONG
	<a href="#">Wind Ensemble</a>	9 - 12	Director Recommendation	YEAR LONG
	<a href="#">Bach Group</a>	9 - 12	Teacher Recommendation	YEAR LONG
	<a href="#">Vocal Ensemble</a>	9 - 12	Teacher Recommendation / Audition	YEAR LONG
	<a href="#">AP Music Theory</a>	9 - 12	Teacher Recommendation	YEAR LONG
THEATER	<a href="#">Acting 1</a>	9 - 12	NONE	SEMESTER
	<a href="#">Acting 2</a>	9 - 12	Acting 1	SEMESTER
	<a href="#">Musical Theater Workshop</a>	9 - 12	NONE	SEMESTER
	<a href="#">Introduction to Film Study</a>	9 - 12	NONE	SEMESTER
	<a href="#">Technical Theater 1</a>	9 - 12	NONE	SEMESTER
	<a href="#">Technical Theater 2</a>	9 - 12	Technical Theater 1	SEMESTER
	<a href="#">Acting 3</a>	10 - 12	Acting 2	SEMESTER
ADAPTIVE	<a href="#">Acting in the Social Community</a>	9 - 12	Teacher Recommendation	SEMESTER



## MUSIC

### Chamber Orchestra

**220305**

**Prerequisite:** Director Recommendation

**Credit:** 1 credit

**Grades:** 9th - 12th Grade

**Description:**

Chamber Orchestra is an auditioned orchestra for string students who demonstrate intermediate to advanced technical and musical ability. Challenging string and orchestra literature will be studied and performed. Periodically, choral and band students will join the Chamber Orchestra for a concert. Chamber Orchestra performs at all major concerts as well as for special events throughout the year.

### Concert Band

**220103**

**Prerequisite:** Director Recommendation

**Credit:** 1 credit

**Grades:** 9th - 12th Grade

**Description:**

This group is open to band students who have previous experience with their instrument. They must be able to read, perform, and interpret musical notation. Concert performance is expected, as well as regular class participation. This class is open to all 9 and 10 grade musicians. Juniors and seniors need to have consent from the instructor. This band will not participate in parades or marching band performances. Pep bands and all concerts are expected for passing grades. Audition or performance evaluation is required for enrollment.

**Approval of the director is mandatory.**

### Concert Choir

**220200**

**Prerequisite:** NONE

**Credit:** 1 credit

**Grades:** 9th - 12th Grade

**Description:**

Concert Choir is a mixed voice choir for students in grades 9-12 without an audition. This choir participates in all of 3-5 concerts and focuses on a variety of choral literature. Students will focus on improving their singing ability, proper vocal technique, and music reading skills.

### Introduction to Singing

**220206**

**Prerequisite:** NONE

**Credit:** 1 credit

**Grades:** 9th - 12th Grade

**Description:**

Intro to Singing is a voice class that focuses on learning good vocal technique across many different styles of music. Styles may include classical, jazz, musical theater, and today's music. Students will be provided with individual instruction as well as learn from classmates. Performance opportunities will be

provided throughout the class. Students will learn to read musical notation while exploring singing. **NOTE: Students may be able to enroll for just one semester.**

### Jazz Ensemble

**220101**

**Prerequisite:** Director Recommendation & Audition

**Credit:** 1 credit

**Grades:** 9th - 12th Grade

**Description:**

Jazz Ensemble meets five days a week and is offered for credit. Jazz Ensemble performs frequently throughout the community, state and at school. The Jazz Ensemble will participate in competitions and festivals throughout the school year. Auditions will be held prior to enrollment. Students must demonstrate knowledge in all jazz styles. **Summer rehearsals required. Approval by the director is mandatory.**

### Jazz Lab

**220151**

**Prerequisite:** Director Recommendation & Audition

**Credit:** 1 credit

**Grades:** 9th - 12th Grade

**Description:**

Jazz Lab is open to all Badger students who have the desire to perform Jazz music. Entry in the group is at the discretion of the director. There will be a "cap" on all rhythm section students. (Drum, bass, guitar, and piano). Students need to read music and be musically independent...not need a fingering chart, or only knowledge of tab. The band will perform regularly at concerts and festivals. **Approval by the director is mandatory.**

### Jazz Workshop

**655530**

**Prerequisite:** Director Recommendation & Audition

**Credit:** 1 credit

**Grades:** 9th - 12th Grade

**Description:**

Jazz workshop is open to students who possess prior knowledge of Jazz. Enrollment is determined by the director, and students should audition for the Jazz Ensemble. This group will explore additional styles and prepare literature representative of their skills. Prior enrollment in Jazz Lab or experience in another Jazz ensemble is required. Students who are not selected for the Jazz Ensemble will be the first considered for this group.





## Orchestra

**220300**

**Prerequisite:** NONE  
**Credit:** 1 credit  
**Grades:** 9th - 12th Grade

### Description:

Orchestra is open to string students. A variety of string literature will be studied and prepared for concerts. A more individual approach to learning advanced techniques will be a feature of this music ensemble. A summer lesson program begins in June. The Orchestra, Chamber Orchestra and Bach Group will combine for several selections on concerts.

## Piano, Percussion, and Music Discovery

**220504**

**Prerequisite:** NONE  
**Credit:** 1/2 credit  
**Grades:** 9th - 12th Grade

### Description:

This non-performance based class offers students the opportunity to discover basic piano and percussion skills along with general music fundamentals. This may include note reading, rhythms, and a basic overview of music through the ages.

## Symphonic Band

**220100**

**Prerequisite:** Director Recommendation  
**Credit:** 1 credit  
**Grades:** 9th - 12th Grade

### Description:

Symphonic Band performs with the Wind Ensemble for all home football games (3-5 per season depending on the year), basketball games, local parades, and graduation. During the school year a variety of musical literature will be prepared for concerts and contests. Auditions are required for enrollment in this class. The auditions will take place in the spring and will be completed by the end of May. Beginning in July, the band meets for six weeks. **Approval by the director is mandatory.**

## Treble Clef

**220202**

**Prerequisite:** Teacher Recommendation /  
Audition  
**Credit:** 1 credit  
**Grades:** 9th - 12th Grade

### Description:

Treble Clef is a select, intermediate treble voice choir. Admission is open to treble voices in grades 9-12 with an audition and teacher approval. Treble Clef focuses on a wide variety of intermediate treble choir literature including vocal jazz, madrigals, and contemporary a cappella. Treble Clef performs in 3-5 concerts a year and sings frequently in the community and at school events.

## Wind Ensemble

**220102**

**Prerequisite:** Director Recommendation  
**Credit:** 1 credit  
**Grades:** 9th - 12th Grade

### Description:

Wind Ensemble is open to all students who demonstrate advanced technical and musical ability. Wind Ensemble performs with the Symphonic Band for all home football games (3-5 per season depending on the year), basketball games, local parades, and graduation. Students enrolled in this course are expected to be self-motivated and have a high expectation of excellence in performance. Auditions will take place in the spring and will be completed by the end of May. Beginning in July, the band meets for six weeks. **Approval by the director is mandatory.**

## Bach Group

**220301**

**Prerequisite:** Teacher Recommendation  
**Credit:** 1 credit  
**Grades:** 9th - 12th Grade

### Description:

Bach Group is a select group of very advanced string players. They perform frequently during the academic year through school concerts, festivals and community functions. The Bach Group will explore a wide range of challenging literature from the classical to the popular.

## Vocal Ensemble

**220201**

**Prerequisite:** Teacher Recommendation /  
Audition  
**Credit:** 1 credit  
**Grades:** 9th - 12th Grade

### Description:

Vocal Ensemble is a select, advanced mixed voice ensemble. Admission is open to any voice type in grades 10-12 with an audition and teacher approval. This ensemble performs in all of the 5 main concerts and frequently throughout the community and at school events. Vocal Ensemble performs a wide variety of advanced mixed choir literature including traditional choral, vocal jazz, madrigals, and contemporary a cappella. Students should be highly motivated to perform.

## AP Music Theory

**220500**

**Prerequisite:** Teacher Recommendation  
**Credit:** 1 credit (HONORS)  
**Grades:** 9th - 12th Grade

### Description:

This class is intended for students with previous music experience and knowledge. Music Theory will prepare students for the AP Music Theory exam in May and their first year of college theory through the study of music elements, composition and ear training.



## THEATER

### Acting 1

230305

**Prerequisite:** NONE  
**Credit:** 1/2 credit  
**Grades:** 9th - 12th Grade

**Description:**

This course introduces the various aspects of acting, theater terminology, and theater history. All students, regardless of their acting experience or ability, are encouraged to join this fun and safe class where students are free to explore and take chances without fear. The course aims to focus the student actor by concentrating on physical movement, strong and correct vocal skills, and character creation. These skills are blended through Improv, scenes, monologues, and theater history. Participation in theater games and activities is expected. Coursework also includes using a script, discussion and in class performances.

### Acting 2

230325

**Prerequisite:** Acting 1  
**Credit:** 1/2 credit  
**Grades:** 9th - 12th Grade

**Description:**

Acting 2 picks up where Acting 1 leaves off and goes more in depth with performance styles and scene work. Review of basic acting techniques and skills are revisited, but a more in depth focus on training the student actor for various performance styles is highlighted. Students also explore Improv as a tool to create scenes, monologues and characters. Students are exposed to theater history through scene and monologue work, with an intense and inspiring Shakespeare Scene Unit. Students also write their own monologues and cast and direct them at the end of the semester for an in class production. Students will have the opportunity to perform skits and scenes for other classes as well.

### Musical Theater Workshop

220510

**Prerequisite:** NONE  
**Credit:** 1/2 credit  
**Grades:** 9th - 12th Grade

**Description:**

A class devised for students whose interest leans towards that truly American contribution to the world of theater and music: The Musical. This class will study musical theater by creating, rehearsing, casting and performing a Broadway Review. The focus of this class is on singing, acting, dancing, and working together in a large group. History of the art form will be explored through the variety of numbers performed, the study of specific musicals and composers and the historical context during which the musical was written. Students will develop self-confidence, a broad understanding of the art form, a clear understanding of the multi-million dollar industry that is musical

theater, and the ability to collaborate and work together as a team.

### Introduction to Film Study

230202

**Prerequisite:** NONE  
**Credit:** 1/2 credit  
**Grades:** 9th - 12th Grade

**Description:**

The course may be of particular interest to students interested in film. This course is designed for the student who has an interest in theater or film, but may not particularly want to focus on specifically acting or stagecraft. The course uses films as a method of analyzing acting, directing and production. The course also covers all areas of theater such as basic acting skills through games and scenes, reading plays, as well as elements of design for the stage and film. Students will have the option to be involved in Badger productions if they choose and the course culminates with a project based on the student's specific area of interest.

### Technical Theater 1

230101

**Prerequisite:** NONE  
**Credit:** 1/2 credit  
**Grades:** 9th - 12th Grade

**Description:**

Technical Theater offers all students the opportunity to create a framework for the technical aspects of productions. Students cover set design and construction, props, costumes, make-up, lighting and sound design through classroom assignments and Badger productions. Students also create a final project using many of these elements based on a show of their choice. Class work is 80% participation and use of work time in class. Participation in Badger production is available, but optional. Four hours of outside of the classroom time is required, but is flexible.

### Technical Theater 2

230102

**Prerequisite:** Technical Theater 1  
**Credit:** 1/2 credit  
**Grades:** 9th - 12th Grade

**Description:**

Students will divide their time between continuing the activities of Technical Theater I and delve into specific areas of interest to them including sound, lighting, design, stage management and construction. Four hours of outside of class time is required, but is flexible in some circumstances.



## **Acting 3**

**230345**

**Prerequisite:** Acting 2 OR  
Teacher Recommendation

**Credit:** 1/2 credit

**Grades:** 10th - 12th Grade

**Description:**

Students continue development of acting skills through improvisation, character analysis, and scene analysis. The course focuses on the specific techniques and theories of acting. Students also study scripts both individually and as a group. In addition, students develop a monologue repertoire and audition techniques. Students analyze their own performances and the performance of others. Students work together to put on a full class performance. Students may also work to perform a small production for other students, the school or the middle or elementary schools.

## **ADAPTIVE THEATER**

### **Acting in the Social Community**

**230303**

**Prerequisite:** Teacher Recommendation

**Credit:** 1/2 credit

**Grades:** 9th - 12th Grade

**Description:**

This course is a dynamic exploration of the world of performance designed to embrace and celebrate the diverse talents and perspectives of all students, regardless of their abilities. This semester-long course invites students to dive into the realm of theater, explore the art of performance, and foster a sense of community through creative expression.



# Technology & Engineering Education

[Click here for the Technology & Engineering Education COURSE SEQUENCES](#)

Course Title		Grade	Pre-Requisites	Length
AUTO TECH	<a href="#">Power Technology 1</a>	9 - 12	NONE	SEMESTER
	<a href="#">Power Technology 2 (TC-GTC)</a>	9 - 12	Power Technology 1	SEMESTER
	<a href="#">Automotive Technology 1 (TC-GTC)</a>	10 - 12	NONE	YEAR LONG
	<a href="#">Automotive Technology 2A (Brakes) (TC-GTC)</a>	11 - 12	Auto Tech 1	YEAR LONG
	<a href="#">Automotive Technology 2B (Steering/Suspension) (TC-GTC)</a>	11 - 12	Auto Tech 1	YEAR LONG
	<a href="#">Automotive 3 (TC-GTC)</a>	12	Auto Tech 2A or 2B	YEAR LONG
ENGINEER	<a href="#">3D Printing / Design Engineering 1</a>	9 - 12	NONE	SEMESTER
	<a href="#">3D Printing / Design Engineering 2</a>	9 - 12	3D Printing / Design Engineering 1	SEMESTER
	<a href="#">Engineering 1 (TC-GTC)</a>	9 - 12	NONE	YEAR LONG
	<a href="#">Electronics Engineering 1</a>	9 - 12	NONE	YEAR LONG
	<a href="#">Electronics Engineering 2</a>	10 - 12	Electronics Engineering 1	YEAR LONG
	<a href="#">Engineering - Civil Engineering &amp; Architecture (TC-GTC)</a>	10 - 12	NONE	YEAR LONG
	<a href="#">Engineering 2 (Principles of Engineering)</a>	10 - 12	Engineering 1	YEAR LONG
IT	<a href="#">Computer Science Essentials</a>	9 - 12	NONE	YEAR LONG
	<a href="#">AP Computer Science Principles</a>	10 - 12	Computer Science Essentials	YEAR LONG
	<a href="#">Computer Maintenance &amp; Repair</a>	10 - 12	NONE	YEAR LONG
GRAPHIC DESIGN	<a href="#">Interactive Media 1</a>	9 - 12	NONE	SEMESTER
	<a href="#">Interactive Media 2</a>	9 - 12	Interactive Media 1	SEMESTER
	<a href="#">Graphic Communications 1</a>	9 - 12	NONE	SEMESTER
	<a href="#">Graphic Communications 2</a>	9 - 12	Graphic Communications 1	SEMESTER
	<a href="#">Video Production / Announcements 1</a>	9 - 12	NONE	SEMESTER
	<a href="#">Advanced Graphics</a>	10 - 12	Graphic Communications 2	YEAR LONG
	<a href="#">Video Production / Announcements 2</a>	11 - 12	Video Production / Announcements 1	SEMESTER
METALS	<a href="#">Metals 1 (TC-GTC)</a>	9 - 12	NONE	YEAR LONG
	<a href="#">Metals 2</a>	10 - 12	Metals 1	YEAR LONG
	<a href="#">Metals 3 (TC-GTC)</a>	11 - 12	Metals 2	YEAR LONG
	<a href="#">Metals 4</a>	12	Metals 3	YEAR LONG
WOODS & CONST.	<a href="#">Woods 1 (TC-GTC)</a>	9 - 12	NONE	YEAR LONG
	<a href="#">Woods 2</a>	10 - 12	Metals 1	YEAR LONG
	<a href="#">Geometry in Construction (TC-GTC)</a>	10 - 12	Algebra OR Intermediate Geometry AND Teacher Recommendation	YEAR LONG
	<a href="#">Woods 3</a>	11 - 12	Metals 2	YEAR LONG
	<a href="#">Woods 4A (Light Building / Construction)</a>	11 - 12	Woods 1	YEAR LONG
	<a href="#">Woods 4B (Advanced Cabinetry)</a>	11 - 12	Woods 1	YEAR LONG
	<a href="#">Building Trades 1</a>	11 - 12	NONE	YEAR LONG
	<a href="#">Building Trades 2</a>	12	Building Trades 1	YEAR LONG



## AUTOMOTIVE TECHNOLOGY

### Power Technology 1

850207

**Prerequisite:** NONE  
**Credit:** 1/2 credit  
**Grades:** 9th - 12th Grade

**Description:**

This is a one semester course with an in-depth study of the theory of operation and components of the small engine. Areas of focus may include fasteners, tools, cooling system, lubrication, compression, crankshaft and camshaft service, piston and valve train service, ignition systems, and fuel systems.

### Power Technology 2 (TC-GTC)

850240

**Prerequisite:** Power Technology 1  
**Credit:** 1/2 credit (HONORS)  
**Grades:** 9th - 12th Grade

**Description:**

This course is an advanced study of Power Technology I. It allows students to apply the concepts learned in Power Technology 1 and apply them to various manufactures and applications. Students will diagnose problems related to small gas engines. After diagnostics students will make the necessary repairs or perform a tune up if needed. This will include writing of repair orders and determining the parts, procedures, and costs for the repair. This advanced study will also give students more time to develop their skills in electronic repairs, a skill with high demand in the job market. Students also expand their study to include hydraulics and mechanisms.

### Automotive Technology 1 (TC-GTC)

850202

**Prerequisite:** NONE  
**Credit:** 1 credit (HONORS)  
**Grades:** 10th - 12th Grade

**Description:**

A year-long course with an in-depth study of the theory of operation, components and general maintenance of the automobile. Students spend time working in the classroom and on laboratory assignments in the shop.

### Automotive Technology 2A (Brakes) (TC-GTC)

850221

**Prerequisite:** Automotive Technology 1  
**Credit:** 1 credit (HONORS)  
**Grades:** 11th - 12th Grade

**Description:**

Auto brake system students will diagnose, troubleshoot and repair brake systems on vehicles following NATEF (National Automotive Technicians Education Foundation) standards. Students will spend time in the classroom and in the shop completing assignments and labs. **Can be taken in conjunction with Automotive Technology 2B (Steering and Suspension).**

### Automotive Technology 2B (Steering/Suspension) (TC-GTC)

850222

**Prerequisite:** Automotive Technology 1  
**Credit:** 1 credit (HONORS)  
**Grades:** 11th - 12th Grade

**Description:**

Steering and suspension students will diagnose, troubleshoot and repair the steering and suspension systems on vehicles following NATEF (National Automotive Technicians Education Foundation) standards. Students will spend time in the classroom and in the shop completing assignments and labs. **Can be taken in conjunction with Automotive Technology 2A (Automotive Brake Systems).**

### Automotive Technology 3 (TC-GTC)

850214

**Prerequisite:** Automotive Technology 2A OR  
Automotive Technology 2B  
**Credit:** 1 credit (HONORS)  
**Grades:** 12th Grade Only

**Description:**

Students will learn theory, diagnose and repair ignition, fuel, computer and emission systems. Students will also troubleshoot driveability and performance problems. Available one period for one credit or two periods for two credits. Seniors may enroll in Automotive Technology 2A or Automotive Technology 2B & Automotive Technology 3 at the same time with instructor's approval.



## ENGINEERING

### 3D Printing / Design Engineering 1

**850403**

**Prerequisite:** NONE  
**Credit:** 1/2 credit  
**Grades:** 9th - 12th Grade

**Description:**

Students will be introduced to 3D printing using MakerBot and Dremel 3D printers. Students will learn how to apply the engineering design process in order to create illustrations and analyze designs. This course will teach the use of AutoDesk Inventor software to complete 3D model designs. The course is designed to introduce and expand the knowledge of 3D printing and design software.

### 3D Printing / Design Engineering 2

**850404**

**Prerequisite:** 3D Printing / Design Engineering 1  
**Credit:** 1/2 credit  
**Grades:** 9th - 12th Grade

**Description:**

This class is designed for students who have completed 3D Printing/Design Engineering 1 and want to further explore the concepts taught. Students will expand their knowledge of 3D printing using MakerBot and Dremel 3D printers.

This course extends the knowledge of the use of AutoDesk Inventor software while introducing AutoDesk Revit for architectural designs.

### Engineering 1 (TC-GTC)

**850452**

**Prerequisite:** NONE  
**Credit:** 1 credit (HONORS)  
**Grades:** 9th - 12th Grade

**Description:**

This class is an introductory design class. Problem-solving skills are presented using a design development process. Mechanical drafting as well as computer aided drafting (CAD) are taught. Models of product solutions are created, analyzed and communicated using solid modeling computer design software. **This is a Project Lead the Way class.**

### Electronics Engineering 1

**850509**

**Prerequisite:** NONE  
**Credit:** 1 credit  
**Grades:** 9th - 12th Grade

**Description:**

A study of the basic theories, concepts, elements and principles of DC and AC circuits. Topics covered include Ohm's Law, series and parallel circuits, Arduino, and robotics. This course is rich in comprehensive content and hands-on learning

activities with projects to help pull it all together.

### Engineering - Civil Engineering & Architecture (TC-GTC)

**850461**

**Prerequisite:** NONE  
**Credit:** 1 credit (HONORS)  
**Grades:** 10th - 12th Grade

**Description:**

This course provides an overview of the fields of Civil Engineering and Architecture, while emphasizing the interrelationships and dependence of both fields on each other. Students use state of the art software to solve real world problems and communicate solutions to hands-on projects. This course covers topics such as the roles of civil engineers and architects, project planning, site planning, building design, and project documentation and presentation. **This is a Project Lead the Way class.**

### Engineering 2 (Principles of Engineering)

**850465**

**Prerequisite:** Engineering 1  
**Credit:** 1 credit  
**Grades:** 10th - 12th Grade

**Description:**

A course that helps students understand the field of engineering / engineering technology. Exploring various technology systems and manufacturing processes help students learn how engineers and technicians use math, science and technology in an engineering problem solving process to benefit people. **This is a Project Lead the Way class.**

### Electronics Engineering 2

**850502**

**Prerequisite:** Electronics Engineering 1  
**Credit:** 1 credit  
**Grades:** 10th - 12th Grade

**Description:**

This class is designed for students who completed Electronics Engineering 1 and want to further their knowledge. Students will expand their knowledge of electrical circuits and design large scale projects to be tested and revised.



## IT / COMPUTER SCIENCE

### Computer Science Essentials

**210400**

**Prerequisite:** NONE  
**Credit:** 1 credit  
**Grades:** 9th - 12th Grade

**Description:**

Students will experience the major topics, big ideas, and computational thinking practices used by computing professionals to solve problems and create value for others. This course will promote computational thinking through App Development (MIT App Inventor), programming robot(s) (VEX Coding Studio), and text based programming (Python®). **This is a Project Lead the Way course.**

### Computer Maintenance & Repair

**210325**

**Prerequisite:** NONE  
**Credit:** 1 credit  
**Grades:** 10th - 12th Grade

**Description:**

Throughout this course students will learn all of the technical skills necessary to become an A+ certified technician. These skills will be learned through a series of simulation lab exercises and review questions designed to teach and improve

your PC configuration and troubleshooting skills which are necessary to function as a PC support or help desk technician.

### AP Computer Science Principles

**210411**

**Prerequisite:** Computer Science Essentials  
**Credit:** 1 credit (HONORS)  
**Grades:** 10th - 12th Grade

**Description:**

Using Python® as a primary tool, students explore and become inspired by career paths that utilize computing, discover tools that foster creativity and collaboration, and use what they've learned to tackle challenges like app development and simulation. This course is endorsed by the College Board, giving students the opportunity to take the AP CSP exam for college credit. **This is a Project Lead the Way course.**

## GRAPHIC DESIGN

### Interactive Media 1

**605700**

**Prerequisite:** NONE  
**Credit:** 1/2 credit  
**Grades:** 9th - 12th Grade

**Description:**

This one semester course will introduce students to the ever changing world of computer technology and interactive media. The web's most current tools, such as social media, video production, and websites will be explored and created by the students. Game creation and 3D animation is also a topic in this course.

### Interactive Media 2

**605710**

**Prerequisite:** Interactive Media 1  
**Credit:** 1/2 credit  
**Grades:** 9th - 12th Grade

**Description:**

This one semester course continues on from Interactive Media 1. There is more of an emphasis on the world of 3D computer artwork and modeling. Students will start by learning how to model using 3D rendering programs such as Blender. After 3D modeling is mastered, students will then learn how to animate their own 3D objects and characters in a scene. This course will help prepare students who are interested in creating extremely detailed 3D animations.

### Graphic Communications 1

**665600**

**Prerequisite:** NONE  
**Credit:** 1/2 credit  
**Grades:** 9th - 12th Grade

**Description:**

Students will gain experience with the use of software and equipment standard in the graphics industry. Software includes Adobe InDesign, Adobe Photoshop, and Adobe Illustrator. Students will use this equipment to create projects such as notepads, posters, and logos. These students will also screen print their own single color T-SHIRT designs.

### Graphic Communications 2

**665610**

**Prerequisite:** Graphic Communications 1  
**Credit:** 1/2 credit  
**Grades:** 9th - 12th Grade

**Description:**

Graphic Communications II is a continuation of Graphics I. Students will begin to master screen printing using industry standard equipment. After Graphic Communications II, students can continue with the program each semester and acquire different skills using the equipment. These students will again create their own T-shirt project and it will now include a second color.



## Video Production / Announcements 1

**665800**

**Prerequisite:** NONE  
**Credit:** 1/2 credit  
**Grades:** 9th - 12th Grade

**Description:**

A major focus of this course is learning and applying a variety of camera angles and movements to create more professional looking videos. Students will learn the steps necessary to create a successful movie by learning how to storyboard, write scripts, add special effects, and edit video. In addition, students will participate in the production of the morning announcements and promotional videos.

## Advanced Graphics

**665651**

**Prerequisite:** Graphic Communications 2  
**Credit:** 1 credit  
**Grades:** 10th - 12th Grade

**Description:**

This course will focus on the technical and performance aspects of Graphic Communications. Students will be able to

effectively use all of our equipment to produce design projects for schools in the district and some community related print and design work. They will also learn about other printing methods separate from those taught in Graphics I-II. As this is a yearlong course, students are expected to be able to work in small groups of 2-3 very independently.

## Video Production / Announcements 2

**665830**

**Prerequisite:** Video Production / Announcements 1  
**Credit:** 1/2 credit  
**Grades:** 10th - 12th Grade

**Description:**

In the Digital Video Production 2 you will learn to navigate the digital landscape, including the worlds of video production and multimedia technology. You will combine traditional production techniques with industry-related tools to shoot, edit, refine sound, and develop special effects. Upon completion of this course, students will be able to produce television ready broadcasts. Students will work with Video Production 1 on the school announcements.

## METALS & MANUFACTURING

### Metals 1 (TC-GTC)

**850107**

**Prerequisite:** NONE  
**Credit:** 1 credit (HONORS)  
**Grades:** 9th - 12th Grade

**Description:**

Formerly Metals Fabrication, this class is designed to introduce students to the basic skills needed for arc welding, gas welding, mig welding, metal cutting, CNC plasma cutting and milling processes. Students will be trained in the safe operation of all equipment with regards to their set up and use. Students will also learn the basic skills needed to work with and design different projects in sheet metal. **There is a \$10 fee for materials used in this class.**

### Metals 2

**850102**

**Prerequisite:** Metals 1  
**Credit:** 1 credit  
**Grades:** 10th - 12th Grade

**Description:**

Formerly Metals Machining this class is designed to expand and continue building all skills developed in Metals. This class will also explain the process of machine tooling, operating metal lathe and knee mill. Computer Aided Design and Computer Aided Machining will also be introduced. Students will then use their new skills to produce a project car. **There is a \$25 fee for materials used in this class.**

### Metals 3 (TC-GTC)

**90093**

**Prerequisite:** Metals 2  
**Credit:** 1 credit (HONORS)  
**Grades:** 11th - 12th Grade

**Description:**

Formerly Production & Careers in Metals, this class is designed for those students who are seriously looking at making metalworking or manufacturing their career. They begin by working in small groups in designing, marketing, and producing a small product. Students will then enhance their skills by fabricating a mini chopper. **Students will complete MSSC Safety training in this course.**

### Metals 4

**850104**

**Prerequisite:** Metals 3  
**Credit:** 1 credit  
**Grades:** 12th Grade Only

**Description:**

Formerly Advanced Metals Concepts, students will learn to read and interpret machine drawings. They will go through an extensive process of advanced machining and welding. This course will be offered only to those students who have completed all prior classes in the related metals area. The object of this class is to prepare those students for advanced placement in industry and / or higher educational pursuit.





## WOODWORKING & CONSTRUCTION

### Woods 1 (TC-GTC)

850307

**Prerequisite:** NONE  
**Credit:** 1 credit (HONORS)  
**Grades:** 9th - 12th Grade

**Description:**

A year long course designed for all students interested in developing a skill in woodworking. Students will learn to use machine tools safely to design and construct projects and expand opportunities in the area of construction, technology and wood products manufacturing. **There is a \$30 fee for materials used in this class.**

### Woods 2

850302

**Prerequisite:** Woods 1  
**Credit:** 1 credit  
**Grades:** 10th - 12th Grade

**Description:**

Formerly Woodworking Technology, students explore wood's mechanical and physical properties and its performance in use. Students will set up and operate a wide range of machinery and equipment. Students will design, construct and finish furniture and cabinetry projects.

**There is a \$30 fee for materials used in this class.**

### Geometry in Construction (TC-GTC)

400313

**Prerequisite:** Algebra OR  
Intermediate Geometry &  
Teacher Recommendation  
**Credit:** 1 Math / 1 Construction credit  
(HONORS)

**Grades:** 10th - 12th Grade

**Description:**

Geometry in Construction offers a different educational setting than the traditional classroom setting. This is a two period course that offers concepts of Geometry that are co-taught with concepts related to construction. Students will learn how to apply Geometric principles to all areas of construction in a hands-on learning experience. Students will have the opportunity to use all the tools, machines, and techniques involved in proper construction as well as applying district curriculum standards in the subject of mathematics. This course does involve learning and applying all aspects of construction from framing to wiring to plumbing, and implements the applied principles of Geometry that affect all of those construction aspects. The course also offers the opportunity to learn and build leadership, communication, and team-working skills essential to successful careers. Throughout the course, students will learn concepts and topics associated with content knowledge but will also learn essential skills for future employment. **Geometry in Construction is a transcribed course through Gateway Technical College.**

### Woods 3

850305

**Prerequisite:** Woods 2  
**Credit:** 1 credit  
**Grades:** 11th - 12th Grade

**Description:**

Formerly Production Woodworking, a class designed to provide an opportunity to build upon the skills developed in Woodworking Technology. Students will learn the use and construction of jigs and fixtures and the most efficient way to produce a project. Students will learn how to build clocks, entertainment centers, cedar chests, bookcases, night stands, tables, chairs, etc. **There is a \$30 fee for materials used in this class.**

### Woods 4A (Light Building / Construction)

850303

**Prerequisite:** Woods 1  
**Credit:** 1 credit  
**Grades:** 11th - 12th Grade

**Description:**

Formerly, Advanced Cabinet & Light Building, students will develop essential technical information to compete in the construction industry. They will learn how to construct foundations, floors, walls and roofs, estimate materials along with calculating board, square, linear and cubic measure, and apply this knowledge by building a structure (barn, storage building, outdoor structure). Students will have an opportunity to participate in construction job-site learning experiences if they so desire. The remaining part of the course is devoted to and centered on individual, custom-designed student projects.

**There is a fee for materials used in this class.**

### Woods 4B (Advanced Cabinetry)

850304

**Prerequisite:** Woods 1  
**Credit:** 1 credit  
**Grades:** 11th - 12th Grade

**Description:**

Formerly Advanced Cabinetry Techniques, an opportunity for those students who wish to further pursue work in cabinetry or construction. Students must have a thorough knowledge of woodworking equipment and be proficient in their use. The class may be taken during any class period during the day with permission of the instructor. **There is a fee for materials used in this class.**



## **Building Trades 1**

**950506**

**Prerequisite:** NONE  
**Credit:** 1 credit  
**Grades:** 11th - 12th Grade

### **Description:**

This is a one-year, beginning level course open to juniors and seniors looking to gain experience in the construction industry. This class is an excellent opportunity for those individuals who take pride in seeing what they can accomplish. Students will get an overview of the building trades and potential employment in the construction industry. Students will learn about industry safety standards and receive valuable tool skill and frame structure training. Students will use the skills learned in class by participating in many building projects in conjunction with Lakeland Builders Association (LBA) and local area communities.

## **Building Trades 2**

**950511**

**Prerequisite:** Building Trades 1  
**Credit:** 1 credit  
**Grades:** 12th Grade Only

### **Description:**

This one-year, advanced skill-level course is a continuation of Building Trades 1. This course will review frame structures, floor and wall layout, roofing and siding, as well as some electrical and plumbing fundamentals. Students will also be involved in building many structures for the surrounding community.



# School-to-Work Programs

## [School-to-Work Programs - ADDITIONAL INFORMATION](#)

### Youth Apprenticeship

<b>Prerequisite:</b>	Consent of Instructor, Excellent Attendance, & Recommendation
<b>Credit:</b>	2 credits per year
<b>Grades:</b>	11th - 12th Grade

#### Description:

These one or two year programs are designed to integrate school-based and work-based learning. Programs will provide academic and occupational skills necessary for employment and/or advanced standing in a post-secondary technical program. Students who register go through an application process to be accepted into the program. Acceptance criteria include: attendance, GPA, graduation requirements met, and teacher recommendations. Students must also be concurrently enrolled in a related course each semester.

***It is strongly encouraged that students gain employment no later than June 30th in a related, relevant job.*** This will allow students to work as few as 11 hours per week by the end of the next school year and still successfully complete the program. **Seniors must complete their hours prior to graduation.** Employment sites must agree to pay Youth Apprentices at least minimum wage via company payroll which includes workers compensation and payroll taxes. Additional hours may be worked.

Upon Successful completion of a Youth Apprenticeship program, students will receive two elective credits per year that they were enrolled in the program. Students will also receive a Certificate of Occupational Proficiency from the Wisconsin Department of Workforce Development for completion of a Level 2 and/or Level 1 completion.

Students MAY be eligible for work release.

The following areas are available pending job placement.

- YA Agriculture 1
- YA Agriculture 2
- YA Architecture & Construction 1
- YA Architecture & Construction 2
- YA Hospitality 1
- YA Hospitality 2
- YA Manufacturing 1
- YA Manufacturing 2
- YA Auto Technician 1
- YA Auto Technician 2
- YA Marketing

- YA Health Services

### Career Connect

**950502**

<b>Prerequisite:</b>	min. 18 credits
<b>Credit:</b>	1/2 credit or 1 credit
<b>Grades:</b>	12th Grade Only

#### Description:

Career Connections is a program for seniors interested in pursuing a career plan prior to graduation. Students can leave school to work. The intent and purpose of the course is to provide students with work experience which is related to their career goals. Students must be enrolled in at least six classes and one of these must be Career Connections. Students' work-site experience is supervised on the job by employers in conjunction with the appropriate faculty member.

The following requirements indicate the education expectations:

1. Students cannot be in danger of not graduating.
2. Students should be employed prior to the first week of school. If a student is not employed by the first class meeting they will be dropped from the course.
3. Students must follow all of the attendance procedures of both the school and worksite.
4. Students must be able to provide their own transportation.
5. Students must attend a weekly class on Wednesdays immediately following fourth period block. Class meets in Room 117 and students will be dropped from the course and receive a full schedule if they miss more than three class meetings per semester. This is very important and will be strictly enforced.
6. Students may be dropped from the Career Connections program if they fail any class in any quarter including Career Connections. Students dropped from Career Connections for this reason will receive a full schedule of classes.
7. Students enrolled in Career Connections are required to meet with business department faculty before the end of the school year during their junior year. There is paperwork that will need to be completed.
8. Students will need to be employed the entire semester and work an average of 10 hours per week during the school week and utilize their release time.



# Start College Now & Early College Credit Program

## [Start College Now - ADDITIONAL INFORMATION](#)

### Start College Now (SCN)

- Wisconsin Technical College System (WTCS) program courses only
- Students can take **UP TO** 18 credits of college classes while still in high school
- Badger High School will pay for tuition and books as long as students complete and pass their class(es)
- **March 1<sup>st</sup>** is the deadline for Fall enrollment
- **October 1<sup>st</sup>** is the deadline for Spring enrollment
- Classes also count as elective credits at BHS
  - Each credit earned through the Start College Now counts for 1/4 (0.25) credits at BHS
    - 1 WTCS credit = 0.25 BHS credit
    - 2 WTCS credits = 0.50 BHS credit
    - 3 WTCS credits = 0.75 BHS credit
    - 4 WTCS credits = 1.00 BHS credit
    - 5 WTCS credits = 1.25 BHS credits
- **ELIGIBILITY REQUIREMENTS**
  - MUST BE JUNIOR or SENIOR
  - 2.0+ cumulative GPA (2.5+ for CNA, EMT, Firefighter, and Gen Eds)
  - On track to graduate
  - NO unexcused absences
  - No more than 5 absences previous semester
  - NO disciplinary issues
  - Passing all current classes
- See your counselor for an application

### Early College Credit Program (ECCP)

- UW System and Private Colleges program courses only
- Students will be able to take college level courses while still enrolled in high school
- Badger High School will pay for tuition and books as long as students complete and pass their class(es)
- **March 1<sup>st</sup>** is the deadline for Fall enrollment
- **October 1<sup>st</sup>** is the deadline for Spring enrollment
- Classes also count as elective credits at BHS
  - Each credit earned through the Early College Credit Program counts for 1/4 (0.25) credits at BHS
    - 1 UW credit = 0.25 BHS credit
    - 2 UW credits = 0.50 BHS credit
    - 3 UW credits = 0.75 BHS credit
    - 4 UW credits = 1.00 BHS credit
    - 5 UW credits = 1.25 BHS credits
- **ELIGIBILITY REQUIREMENTS**
  - 2.5+ cumulative GPA
  - On track to graduate
  - NO unexcused absences
  - No more than 5 absences previous semester
  - NO disciplinary issues
  - Passing all current classes
- See your counselor for an application



# Medical Terminology

## Medical Terminology (TC-GTC)

950510

**Prerequisite:** Excellent attendance,  
2.5+ GPA,  
GTC Testing or ACT

**Credit:** Gateway Technical College: 3 credits  
Badger High School: 0.75 credits

**Grades:** 11th - 12th Grade

### Description:

This course is a Gateway Technical College class presented via the VANguard System (Virtual Academic Network). A portion of it is independent, on-line work. The teacher is on the VANguard system to present the topics via Zoom or other virtual conferencing software. This class is a great exploration for any 11th or 12th grade student that is interested in a health field career. The course introduces the students to a variety of healthcare careers and develops basic skills required in all health and medical sciences. It is specifically designed for students who think a health field career may be in their future as a profession. Students prepare themselves for placement in a wide range of occupational specialities in the healthcare industry. Application process is required.



# Administrative & Pupil Services

<i><b>POSITION</b></i>	<i><b>NAME</b></i>
Superintendent	Dr. Peter Wilson
Principal	Andrea Kaplan
Associate Principal	Lisa Kendall
Associate Principal	Bridget Hansen
Director of Curriculum & Instruction (6 - 12)	Chiper Tennessen
Director of Curriculum & Instruction (PK - 5)	Erin Zigler
Direct of Pupil Services	Joe Reynolds
Director of Business	George Chironis
Director of Communication & Marketing	Holly Eckola
Director of Technology	James Adams
Director of Building & Grounds	Scott Reiff
Coordinator of Career, College, and Community	Jake Popanda
Counselor (Last Names: A - Do)	Jessica Thompson
Counselor (Last Names: Dr - K)	AJ Curtis
Counselor (Last Names: L - Re)	Gen Reed
Counselor (Last Names: Ri - Z)	Sheri Thoreson



