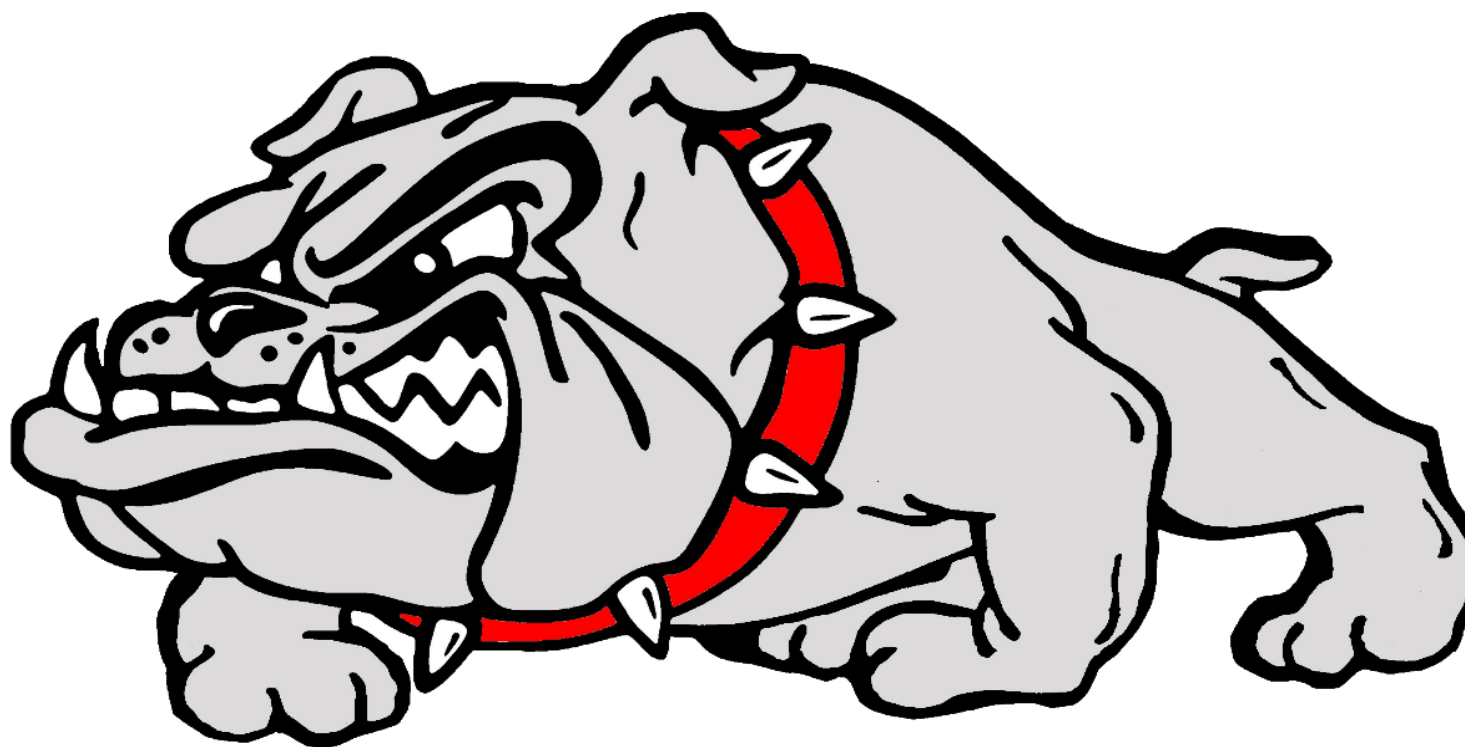


# BOSCOBEL HIGH SCHOOL



## STUDENT/PARENT CAREER PLANNING GUIDE COURSE DESCRIPTIONS

**2022-2023**

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## **GLOSSARY OF SCHEDULING TERMS**

ACP – Academic & Career Planning

Advanced Standing – Agreement with SWTC

AP – Advanced Placement

ASP – Academic Support Period

Credit – A unit that is awarded for successful completion of class.

CP – College Prep Allows for entrance into a four-year college. Some of our courses count as College Prep and some do not.

CTE – Career Technical Education

DC – Dual Credit Course – Transcribed with SWTC

Elective Course – Courses students can select from a list of available offerings. Students have to earn elective credits as part of the graduation requirements. This means each student can select courses of his or her choice to complete this part of their schedule. Elective courses provide excellent opportunity for students to explore their interests, develop special talents, and investigate career options.

FFA - Future Farmers of America

Full Year Course - A course that utilizes two semesters to cover the material.

ILP - Individual Learning Plan

Laude System - Used to determine honor levels with which seniors graduate with.

MLA- (Modern Language Association) The style most commonly used to write papers and cite sources.

Prerequisite - A class that is required before taking another class.

Required Course -Courses required by the state and Board of Education to complete the high school diploma.

Semester – Eighteen (18) week period

SWTC – Southwest Technical College

Transcribed Credit – When an agreement exists between the high school and Southwest Tech to award credits to students who successfully completed the course in the high school, the course will appear on the Southwest Tech transcript with the grade awarded by the high school instructor.

Youth Apprenticeship- Work-based learning programs designed for high school students.



## **Individual Learning Plan**

### WHY DO WE NEED A PLAN?

There are many choices you will need to make as you plan your high school degree program. These choices will be influenced by your skills, interests, and knowledge when you enter high school as well as what you plan for a career after high school graduation. Colleges and technical schools have entrance requirements that you will want to consider when you decide which Math, Science, English, Social Studies, and other courses you will take at BHS to fulfill your high school graduation program.

Remember, there is a difference between the graduation requirements to get out of high school, and the entrance requirements (“College Prep”/CP courses) to get into a college or technical school. By looking ahead, you can develop a plan that will ensure the courses you select will accomplish both of these goals! **For admission requirements for a specific college or technical school, please see your counselor or visit the college’s website.**

Academic and Career Planning, or ACP, is the student-driven, adult-supported process in which students create and cultivate their own unique and information-based visions for post-secondary success, obtained through self-exploration, career exploration, and the development of career management and planning skills.

If you’re not certain about your future plans, there is flexibility within your high school schedule to make adjustments to your Individual Learning Plan, based on changes in your career plan. ILPs can be changed from year to year as you learn more about yourself and abilities.

**Graduation is no longer an endpoint, instead it is a checkpoint!**

## BHS INDIVIDUAL LEARNING PLAN

Name: \_\_\_\_\_ Date: \_\_\_\_\_

After School Plans:  4 Year College  Technical College  Military  Career Ready

Career Plan: \_\_\_\_\_

*It is an expectation that students will register for 8 credits each year.*

### Freshman

### Sophomore

Course	Credits		Course	Credits

### Junior

### Senior

Course	Credits		Course	Credits

## **Boscobel High School Graduation Requirements**

### **English 4.0 credits**

English 9 (1.0 credit)

English 10, English 10 Honors (1.0 credit)

English 11, English 11 Honors (1.0 credit)

English Elective (1.0 credit)

### **Math 3.0 credits**

3 credits (see course list for course offerings)

### **Science 3.0 credits**

Biology (1.0 credit)

Physical Science (1.0 credit)

Science Elective (1.0 credit)

### **Social Studies 3.5 credits**

Democratic Foundations (.5 credit)

US History I (1.0 credit)

World History (1.0 credit)

US History II or AP US History (1.0 credit)

### **Financial Literacy .5**

### **Physical Education 1.5 credits**

### **Electives 12.5 credits**

### **Health (Completed in 8<sup>th</sup> Grade)**

**28 credits are needed for graduation. A student can earn 8 credits in a year (4 each semester). Credits are earned at the end of each semester.**

## LAUDE CLASSES & POINTS

	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>
<b>.5 Laude Point</b>	Speech Theme Writing Oral/Written Comm. Senior Composition Psychology Computer Applications Marketing Animal Science 2 Statistics	Speech Theme Writing Oral/Written Comm. Senior Composition Psychology Computer Applications Marketing Animal Science 2 Statistics	Speech Theme Writing Oral/Written Comm. Senior Composition Psychology Computer Applications Marketing Animal Science 2 Statistics	Speech Theme Writing Oral/Written Comm. Senior Composition Psychology Computer Applications Marketing Animal Science 2 Statistics
<b>1.0 Lau de Poin t</b>	Algebra II Calculus Pre-Calculus SWTC Math English 10 Honors English 11 Honors Chemistry Physics Anatomy & Physiology Spanish 3 Spanish 4 Accounting	Algebra II Calculus Pre-Calculus SWTC Math English 10 Honors English 11 Honors Chemistry Physics Anatomy & Physiology Spanish 3 Spanish 4 Accounting	Algebra II Calculus Pre-Calculus SWTC Math English 10 Honors English 11 Honors Chemistry Physics Anatomy & Physiology Spanish 3 Spanish 4 Accounting	Algebra II Calculus Pre-Calculus SWTC Math English 10 Honors English 11 Honors Chemistry Physics Anatomy & Physiology Spanish 3 Spanish 4 Accounting
<b>2.0 Laude Points</b>	AP Calculus AP Chemistry AP Language AP Biology AP European History AP US History AP Psychology	AP Calculus AP Chemistry AP Language AP Biology AP European History AP US History AP Psychology	AP Calculus AP Chemistry AP Language AP Biology AP European History AP US History AP Psychology	AP Calculus AP Chemistry AP Language AP Biology AP European History AP US History AP Psychology

**• All AP courses are awarded 1.0 laude point for each semester**

**• Colleges courses will be accepted as .5 laude point per course as determined through college prep academy**



## HOW DO I CALCULATE MY LAUDE SCORE?

You must have a 3.4 cumulative GPA or higher and have earned at least 5 laude points to earn a Laude Distinction. Any students with a GPA less than 3.4 will not have honor points calculated toward a Laude Score.

**\*\*Please note:** Final Laude Scores senior year are based on **7<sup>th</sup> semester** cumulative GPA and **7<sup>th</sup> semester** honor points. This information will be used for recognition at the graduation ceremony.

You must successfully pass and complete a class to receive the designated honor points.

1. Add up the number of honor points you have earned (Laude points are listed on the bottom of this form)

**My total honor points:** \_\_\_\_\_

2. Multiply your total number of honor points by your cumulative GPA.

**My cumulative GPA:** \_\_\_\_\_

Honor Points \_\_\_\_\_ X Cumulative GPA \_\_\_\_\_ = \_\_\_\_\_ **Laude Points**

### **Laude Distinctions:**

- **Summa Cum Laude**(With Highest Honor)-Light Gray Shaded Area
- **Magna Cum Laude**(With Great Honor) – White Shaded Area
- **Cum Laude**(With Honor) – Dark Gray Shaded Area



## IMPORTANT INFORMATION ABOUT SCHEDULING

### Student Classification

High school students shall be classified on the basis of the number of years spent in high school. This will enable tracking of students in the District to correspond with the Wisconsin Student Locator and Individual Student Enrollment Systems. Students in their first year of high school shall be classified as 9<sup>th</sup> graders for freshmen. Students in their second year of high school shall be classified as 10<sup>th</sup> graders or sophomores. Students in their third year of high school shall be classified as 11<sup>th</sup> graders or juniors. Students in their fourth year of high school shall be classified as 12<sup>th</sup> graders or seniors.

### Early Graduation

Seniors who will have earned sufficient credits in grades 9-12 and have met all graduation requirements by the end of the first semester of their senior year may request “early graduation.” **Eligible students wishing to pursue this option must request it through their counselor by July 1<sup>st</sup> following their junior year.**

### Class Load

It is an expectation of Boscobel Area Schools that students will register for eight (8) credits each year.

### Class Schedule Changes

**Course registrations are final.** Therefore, students should not enroll in a course with the idea that if they do not like it, they will drop it. Students will receive a registration orientation at school and will be advised to take their materials home to discuss their choices with parents.

When a student creates his/her schedule, he/she is committed to complete that obligation. No dropping or adding of classes will be allowed except for the following reasons:

- a. School error was made on the schedule
- b. A student fails a prerequisite course and is not eligible for the class.
- c. If graduation is in jeopardy.
- d. In the case of extenuating circumstances including health, injury, or misplacement, change can be considered with a parent conference.

## ADDITIONAL PROGRAM OFFERINGS

### Career / Technical Education (CTE):

CTE courses prepare students for the growing range of career opportunities in today's workplace. By integrating math and science concepts, CTE classes help students apply the skills they are learning in their core academic classes. Career opportunities may require varying levels of education – from high school and postsecondary certificates to two and four-year college degrees. Boscobel High School students are fortunate to have many CTE opportunities. Program areas include:

- Agriculture & Natural Resources
- Business & Information Technology
- Family & Consumer Education
- Technology & Engineering Education

Students already on Career Pathways should utilize their high school years to gain a foothold on the career of their choice by taking advantage of advanced standing credits, industry certification, certified work-based learning, and a full spectrum of coursework.

Students still exploring Career Pathways may utilize CTE options to explore career interests. Another value of CTE is oftentimes, students can decide, through exploration, if a career option suits their needs before leaving high school, ensuring strong interest before beginning a post-secondary program.

### Early College Credit Program/Start College Now

Effective July 1, 2018, the following changes took place with the Youth Options and Course Options programs:

Course Options will revert back to the Part-time Open Enrollment Program and will apply to high school students taking up to two classes at one time at another school district; technical colleges and universities are no longer included. State Statute 118.52 has been updated to reflect this. Course Options will no longer exist as a program.

Youth Options is now the Early College Credit Program (ECCP). State Statute 118.55 has been updated to reflect the new program name and requirements. Youth Options no longer exist as a program.

- ECCP will only apply to 4-year universities (UW system, private, and tribal colleges) - Student completes application available through individual universities; application no longer administered through DPI.
  - Public and private high school students in grades 9 - 12 may participate.
  - Program applies to fall, spring, and summer semesters.
  - No annual or semester credits limits; 18 total credits allowed.
  - University must admit student if course requirements and prerequisites are met and if there is space available in the course.
  - Application deadlines of March 1 for fall semester and October 1 for spring semester; no deadline given for summer session.
  - Payment structure based on whether or not student is taking course for high school and/or college credit and if a comparable high school course is offered.
  - If students fails course or does not complete course, school board may request reimbursement from parent/student.
  - School board is required to provide program information annually by October 1 to all students in 8th, 9th, 10th and 11<sup>th</sup> grades.

ECCP language for the technical colleges has been moved to State Statute 38.12 (14) under Technical College District Board Duties (new section added; previously the subchapter ended at 13). See attached. The program will follow most of the requirements of the current Youth Options program. Details of the program are as follows:

- Program has been titled "Start College Now".
- A standard application form will be developed by the technical college system office for use by the individual colleges; form may include option to personalize with local college logo. This application is expected to be available by no later than January to allow students to apply by the March 1 deadline.
- Open to public high school students in grades 11 & 12.
- Program applies to fall and spring semesters only; no summer courses.
- Same set deadlines of applying to local school board by March 1 for fall semester and October 1 for spring semester.
- Technical college must admit student if course requirements and prerequisites are met and if there is space available in the course after admitting all other individuals through regular course enrollment.
- Students are not allowed to enroll in a course comparable to one offered at school district.
- Student must be in good academic standing and not be considered as a child at risk; technical college may reject an application if the student has a record of disciplinary issues.
- School district pays full tuition, course fees, and book costs.
- Payment by school district will be in two installments, one upon initial enrollment and one at end of the semester.

### **Work Based Learning Experience Courses:**

Through the Work-Based Learning Experience Courses, students have the opportunity to earn certificates to help boost their resumes.

### **Youth Apprenticeship:**

Wisconsin's Youth Apprenticeship (YA) program is a part of a statewide School to-Work initiative. CESA 3 coordinates the Youth Apprenticeship program for 20 school districts. It is designed for high school students who want hands-on learning in an occupational area at a work site along with classroom instruction.

#### **Level One:**

- Junior OR Senior year of high school
- 450 hours of work-based learning MINIMUM
- 2 semesters of related classroom instruction

#### **Level Two (Standard YA Program):**

- Junior AND Senior year of High School
- 900 hours of work-based learning MINIMUM
- 4 semesters of related classroom instruction

### **Certified Co-ops:**

Certified Co-op certifications are very similar to Youth Apprenticeships in the fact that they involve work-based learning, but their checklists are through Wisconsin's Department of Public Instruction. Students will complete activities on career planning and find placement based on their career goals. Students must complete 15 hours of work per week totaling 480 hours.

### **Employability Skills:**

The Employability Skills Certificate Program is intended to recognize a student's mastery of employability skills valued by employers. The program is designed around the implementation of the U.S. Department of Labor Secretary's Commission on Achieving Necessary Skills (SCANS); a school-supervised work based learning experience, and career plan. Completion of 90 on the job hours required.

### **Items to Note for Post High School Plans**

**2 & 4 Year Colleges:** Minimum 3 years of math and science. They also require an ACT score. Some universities also require foreign language.

**Technical College:** Specific programs require 3 years of math or science. See your counselor for more information.

**Military:** Requires meeting with a recruiter for specific requirements and information. They also require an ASVAB score.

**Apprenticeship Programs:** Require a special application process. See your counselor for more information.

## **ENGLISH / LANGUAGE ARTS**

Effective communication is vital for the success of all individuals within today's society. Everyone has areas of strengths and weaknesses pertaining to reading, writing, and speaking. The BHS English department offers varied and rigorous courses to meet the goals, interests, and needs of Boscobel students in an effort to develop these communication skills. We expect students to look beyond their use of casual conversation toward improving their writing and speaking skills as well as their understanding of how cultural differences play important roles in understanding one another. The classes are designed to cater to the college and career path goals of all students. Students are required to earn 4.0 credits of English including successful completion of the following courses: English 9 and English 10 or Honors English 10. Juniors and Seniors may choose 2.0 credits from the following courses: English 11 or Honors English 11, Speech, Theme Writing, Oral/Interpersonal Communication, English Composition, Senior Literature.

### **English 9**

**Full Year: 1 credit**

English 9 integrates a mixture of grammar, writing, and literature to achieve a wide exposure to the art of communication. Grammar study will focus upon the eight parts of speech, punctuation, and sentence structure leading to the writing of paragraphs. Students will dive further into the writing process with the use of the Six Traits of Writing, in which they will produce persuasive, informative, and descriptive paragraphs and papers. Creative writing assignments will enhance the students' understanding of the figurative language and literary devices used within the pieces of literature that we cover, including short stories, poetry, novels, and classics.

### **English 10**

**Full Year: 1 credit**

The focus of English 10 is on grammar and the writing process. Students review in depth the eight parts of speech, sentence structure, and the Six Traits of Writing. In depth, instruction will cover types of phrases, clauses, sentence completeness, and basic comma rules. Students will practice writing expository, descriptive, narrative, and persuasive paragraphs and five-paragraph compositions. To enhance student writing, they will read various short stories, novels, and poetry from a variety of genres.

### **Honors English 10**

**Full Year: 1 credit**

**\*Laude**

While the focus of Honors English 10 is somewhat the same as English 10, the pace is accelerated, and students are required to employ higher level thinking skills as they make connections in their study of grammar and in their writing. Also, more emphasis is placed on writing, including some creative writing which correlates with the required literature. Students also delve deeper into the literary works, studying relevant vocabulary and critically analyzing elements of the stories/novels.

## **English 11**

**Full Year: 1 credit**

English 11 has a strong emphasis on literature and teaching students to connect the themes, motifs, and symbols within varied readings to their personal lives. Instruction will emphasize these connections between literature, writing, speaking, listening, language, grammar, and usage. Students will read a variety of literary pieces including drama, short stories, novels, and poetry. Throughout the year students will write persuasive papers, research projects (done in MLA style), and creative writings, most of which will be related to their readings.

## **Honors English 11**

**Full Year: 1 credit**

**\*Laude**

**\*\* Dual Credit**

In Honors English 11, students continue to enhance their writing by composing various types of paragraphs and eventually a research paper using MLA documentation. Students are required to edit and rewrite numerous paragraphs written by others so that they can prove their understanding of the writing process and various grammatical concepts. In addition, a great emphasis is placed on vocabulary development and usage; specific grammatical concepts, such as agreement, case of pronouns, and parallelism; and ACT prep. Finally, students read several novels and learn to make “connections” with literary elements, such as theme, character development, conflict.

## **Senior Composition**

**Semester: 0.5 credit**

**Prerequisite: English 11 or Honors English 11**

This course is designed for learners to develop knowledge and skills in all aspects of the writing process. Planning, organizing, writing, editing and revising are applied through a variety of activities. Students will analyze audience and purpose, use elements of research, and format documents using standard guidelines. Individuals will develop critical reading skills through the analysis of various written documents and articles.

## **Oral/Interpersonal Communication**

**Semester: 0.5 credit**

**Prerequisite: English 11 or Honors English 11**

**\*Laude**

**\*\*Dual Credit**

Students demonstrate competency in speaking, verbal and nonverbal communication, and listening skills through individual presentations, group activities, and other projects. Students also delve into the concepts of the communication process, active listening, the “self,” perception, team building, conflict resolution, and cultural awareness in order to develop an understanding of how they as citizens play a vital role in the success of our society.



**Theme Writing****Semester: 0.5 credit****Prerequisite: English 11 or Honors English 11****\*Laude****\*\*Dual Credit**

Students in this college prep course review the writing process and learn how to write a variety of different compositions, including (but not limited to) a descriptive paper, a critical analysis, and a problem-solution paper. Students learn how to research, organize, support, and document their papers. While MLA documentation is used and reviewed, special attention is given to APA documentation. The following grammar units are also covered: sentence variety, punctuation, and the usage of long and partial quotations.

**Speech****Semester: 0.5 credit****Prerequisite: English 11 or Honors English 11****\*Laude****\*\*Dual Credit**

In this college-prep course, students learn the communication process, the skills of an effective communicator, the vocalizing process, listening skills, and the types of communication; special attention is given to public communication. Students also learn how to research, take notes, organize, document, and deliver informative and persuasive speeches.

**Creative Writing****Semester: 0.5 credit**

This course will focus on expressive writing in many different forms. Students will be given an opportunity for self expression through writing building upon basic grammatical skills acquired in previous English courses. Students will have the opportunity to explore several different types of poetry and prose styles, as well as responding to literature. Students will write memoirs, poetry, short stories, autobiographies, children's books, and essays.

**Young Adult Literature****Semester: 0.5 credit**

Students will read from a growing body of genres including literature that focuses on diverse cultures. Students will share responsibility for facilitating discussion of whole class texts. As part of this process, students will reflect upon how a given author utilized various literary elements to construct meaning as he or she explored an element of the human experience.

## MATH

The mathematics curriculum allows students to gain necessary mathematical skills that can be used in a wide variety of applications. The curriculum provides a foundation for future educational and vocational options. Students need at least three (3) credits of mathematics to graduate from Boscobel High School.

### **Algebra 1**

**Full Year - 1 credit**

The purpose of this course is to provide the students with the opportunity to become proficient in the use of fundamental algebraic processes. This course exposes students to relevant problems that offer the rigor and depth to prepare them for future math classes. Topics in this course include: Solving linear equations and inequalities, graphing linear equations and functions, solving systems of equations, exponential equations and polynomial equations and functions.

### **Algebra 1 - Block**

**Full Year: 1 math credit & 1 elective credit**

**\*This course will meet everyday**

The purpose of this course is to provide the students with the opportunity to become proficient in the use of fundamental algebraic processes. This course exposes students to relevant problems that offer the rigor and depth to prepare them for future math classes. Topics in this course include: Solving linear equations and inequalities, graphing linear equations and functions, solving systems of equations, exponential equations and polynomial equations and functions.

### **Geometry**

**Full Year - 1 credit**

**Prerequisite - Algebra 1**

This course is designed to improve the student's awareness of logical reasoning. Students will be required to think and make conjectures through challenging problems and exercises. Topics in this course include: Basic Geometry, using inductive and deductive reasoning, postulates and theorems involving parallel and perpendicular lines, transformations, congruent triangles and relationships within triangles, properties of quadrilaterals and other polygons, right triangles with basic trigonometry and properties of circles.

### **Algebra 2**

**Full Year - 1 credit**

**Prerequisite - Algebra 1**

**\*Laude**

The purpose of this course is to build on previously acquired algebraic and geometric concepts. The focus is on developing advanced algebra skills such as systems of equations, advanced polynomials, imaginary and complex numbers, quadratics. Additional topics include the study of trigonometric functions, matrices and sequences & series. The content of this course is important for students' success on both the ACT and college mathematics entrance exams. Students who wish to take Calculus should take Pre-Calculus next.

## **Pre- Calculus**

**Full Year - 1 credit**

**Prerequisite - Algebra 2 and Geometry**

**\*Laude**

This course is an important bridge between Algebra II and Calculus. Pre-Calculus equips students with the tools necessary to succeed in higher mathematics. Topics such as functions, families of graphs, logarithms, trigonometric functions and identities, systems of equations and inequalities, and analytic geometry, are studied in depth. Students are challenged to show their proficiency both with and without the use of a graphing calculator. In addition, students work with real-life applications of mathematics and problem solving, and must communicate their findings orally and symbolically to be successful.

## **AP Calculus**

**Full Year - 1 credit**

**Prerequisite - Pre-Calculus**

**\*Laude**

In Calculus, students will study the branch of mathematics focused on the study of rates of change. Important course objectives are to strengthen students' problem-solving skills and to teach them to read, write, speak, and think in the language of mathematics. The fundamental concepts of calculus include the behavior of limits, difference quotients, derivatives, Riemann sums, definite integrals, antiderivatives and indefinite integrals. Students will extend their understanding of these concepts by applying them to real world phenomena. Technology will frequently be employed to help solve problems, which forces students to determine the reasonableness of their results and be able to communicate them. Students will be encouraged to take the AP Calculus Exam in order to earn college credit.

## **Statistics**

**Semester - .5 credit**

**Prerequisite – Geometry**

**\*Laude**

This course is taught at an introductory level with the goal of preparing all college bound seniors for the Statistics courses they will encounter. The main focus of this course is for students to develop strategies for collecting, organizing, analyzing, and drawing conclusions from data. Students will complete projects in which they design, administer, and tabulate results from surveys and experiments. They will utilize probability models and simulations to help explain random outcomes and behaviors. Second semester, students will begin to make inferences about the real world by taking sampling distributions and applying their knowledge of confidence intervals and hypothesis tests. Frequent use of technology helps increase the speed of computations. A strong emphasis is placed on communication skills when contextualizing and explaining statistical findings.

**SWTC Math****Full Year - 1 credit****\*Laude**

Students taking Applied Math compute with rational numbers. They make and convert various measurements. Students use formulas to solve problems. They compute dimensions of geometric shapes. Students will use charts, tables, graphs and statistical tools to represent and analyze data. They analyze various financial situations. Students will perform basic algebraic operations including solving linear equations. Basic trigonometric skills are used to solve for missing sides and angles. Upon successful completion students will receive advance standing at SWTC.

**Consumer Math****Full Year - 1 credit****Prerequisite: Algebra 1**

This course is designed to assist the student in the field of consumer education on the secondary level. Consumer Math will aid students in applying their math knowledge in their role as a consumer in today's world. Topics in this course include: balancing checking accounts, budgets, loans, mortgages and property taxes, and investing money in various ways.

## SCIENCE

Recognizing that science education and skills are very important for success in vocation, the Science Department offers a variety of courses to cover all aspects of science. All students are required to earn 3.0 credits of science including successful completion of Physical Science, Biology I, and one science elective that could include: Chemistry, Anatomy and Physiology, Physics, and Environmental Science. Students can continue on to take Advanced Placement Biology and/or Advanced Placement Chemistry to potentially earn college credit upon successful completion of the AP Biology Exam/AP Chemistry exam. Most colleges require three credits of science for admission, but a science class each year makes a student more competitive in the application process.

### **Biology**

**Full year; 1 credit**

Biology is the study of life and living things. Students begin by learning and applying the scientific method of research and problem solving. The course takes students through studies in the very small world of molecular biology and biochemistry up through the larger world of organisms, populations and entire ecosystems. Students will learn about different forms of life including bacteria, plants and animals, biology will include units on how life continues- reproduction, how life changes- genetics, and science's explanation for how life began- evolution.

### **Physical Science**

**Full year; 1 credit**

This is an introductory science class, which "introduces" the beginning science student to a broad range of subject matter. The course will cover such areas as Newton's laws, the periodic table, chemical bonding, chemical reactions, sound, light and energy. By course completion the student will have a basic understanding of the various physical scientific topics, methods, and terminology, and will be better prepared for advanced science classes.

### **Chemistry**

**Full Year; 1 credit**

**Prerequisite: Algebra 1**

**\*Laude**

This is a more rigorous chemistry course, requiring additional mathematical experience, and a greater commitment from the student. The course includes the content described in the Chemistry course with additional emphasis on advanced topics for the college bound or AP Chemistry students.

Recommendation: Satisfactory completion of Algebra 1.

## **AP Chemistry**

**Full Year; 1 credit**

**Prerequisite: Chemistry**

**\*Laude**

This AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first year of college. For some students, this course enables them to undertake as freshmen, second-year work in the chemistry sequence in college or to register for courses in other fields where general chemistry is a prerequisite. This course is structured around the six big ideas articulated in the AP Chemistry curriculum provided by the CollegeBoard. Students should attain a depth of understanding of the fundamentals of chemistry and reasonable competence in dealing with chemical problems. The course will also allow students to develop their ability to think clearly and to express their ideas, orally and in writing, with clarity and logic. Furthermore, the laboratory work will be equivalent to a first-year college chemistry course and will require a higher degree of technique, analysis, and accuracy than what is expected of first-year high school chemistry students. A special emphasis will be placed on the seven science practices set forth by the College Board, which capture important aspects of the work that scientists engage in, with learning objectives that combine content with inquiry and reasoning skills. This course is open to all students that have completed a year of high school chemistry and who understand time will be required outside the class studying, doing homework, writing reports, and finishing lab work if needed.

## **AP Biology**

**Full Year; 1 credit**

**Prerequisite: Chemistry**

**\*Laude**

The Advanced Biology course is designed to be the equivalent of an introductory biology course taken by biology majors in their first year of college. Advanced Biology focuses on molecules and cells, heredity and evolution, and organisms and populations. The course includes four big ideas with seven major themes of study as well as recommended labs. Students who score 3 or higher on the AP exam will receive college credit.

## **Anatomy and Physiology**

**Full year; 1 credit**

**Prerequisite: Biology**

**\*Laude**

Anatomy and physiology is designed for students who are interested in learning about the human body. Students learn both the physical structure- anatomy and the biochemical makeup- physiology of the human body. Students will study units on a variety of systems along with learning how those systems are integrated with each other. Students will also look at various diseases and conditions that result from a poorly functioning body. They will study anatomy through dissection.

**Physics****Full Year; 1 credit****Prerequisite: Algebra 1 and Geometry****\*Laude**

An introductory physics course studying matter and energy. This course involves many laboratory sessions, along with an emphasis on force, motion, Newton's Laws, work, power, and energy. It is recommended that the student have Algebra 2 and/or Geometry as this class involves some mathematics. Physics is an excellent college prep course, whether or not the student plans to go into a science-related field.

**Environmental Science****Full Year; 1 credit****Prerequisite: Biology**

Environmental Science is a year-long course designed to show thematic connections between a variety of science disciplines including biology, chemistry, and physics. Environmental Science helps show us how Earth's systems function and how we influence these systems, giving us a big-picture understanding of the world and our place within it. Studying environmental science helps us comprehend the problems we create, and it illustrates ways to fix these problems. Environmental science relates to everything around you for the rest of your life. It also relates important environmental issues to the lives of the students and their families. Students will be challenged to question everything, devise methods of testing a hypothesis, collect and interpret data, and work collaboratively to find solutions. Topics discussed include: ethics and policy, earth systems, ecology, conservation, evolution, human population growth, chemical hazards, agriculture, mining, water pollution, air pollution, global climate change, nonrenewable energy, renewable energy, and waste management.

## SOCIAL SCIENCE

The social studies course requirements and offerings at Boscobel High School are designed to develop the knowledge and skills of the social sciences, enabling students to put into perspective events, people, places, and ideas which have shaped our state, nation, and world. Students will develop an understanding of the past, present, and the forces and institutions which may influence their future through the study of history. The study of Democratic Foundations helps students gain an understanding of our political and government institutions, economic principles, and social issues in order to be more informed citizens and to encourage participation in public life. Elective courses are designed to help students understand themselves, people around them, and how to deal with the complexities of life in the 21<sup>st</sup> Century. Required courses are World History, US History I, US History II (or AP US History), and Democratic Foundations.

### **US History I**

**Full Year; 1 credit**

This survey course begins with pre-revolution and ends with the Pre-Civil War Era. Other units include the Revolutionary War, the War of 1812, the Early Nation, Jacksonian America, Westward Expansion, and the Abolitionist Movement.

### **US History II**

**Full Year; 1 credit**

**Prerequisite US History I**

**(Can be substituted for AP United States History - \*Laude)**

This survey course begins with the Pre-Civil War and ends with the Civil Rights Movement. Other units include the Reconstruction Era following the Civil War, exploring the Great Plains, the rise of American labor unions, the Era of Reform (progressive EPA), when the US became a world power, the Roaring Twenties, the Great Depression, the New Deal, World War I or World War II and the Civil Rights Movement.

### **Sociology**

**1 semester; .5 credit**

This course examines the systematic study of human societies. Topics that are covered are sociological perspectives, culture and social structures, social inequality, social institutions and social change. Students also learn about social issues that impact them today and in the future.



## **AP Psychology**

**1 Semester; 0.5 credit**

**\*Laude**

**Prerequisite:** Students should be able to read a college-level textbook and write grammatically correct, complete sentences. It also would be helpful if students have taken anatomy and physiology as well as stats.

The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatments of psychological disorders, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, evaluate claims and evidence, and effectively communicate ideas.

The AP Psychology course is designed to be the equivalent of the Introduction to Psychology course usually taken during the first college year.

## **Eastern Civilizations**

**1 Semester; 0.5 credit**

Students in this course explore Asian countries such as China, Japan, and India. Also, there is a concentrated focus on the Middle East. The course begins with ancient eastern civilizations and works to the present day. Current events will be used to relate and connect modern material to past events throughout the course.

## **World History**

**Full Year; 1 credit**

This course is a survey of world civilizations and cultures. The course begins with an introduction to the seven social sciences and review of social studies skills necessary to the study of social sciences. These are then incorporated within the study of world civilizations and cultures. Points of emphasis include studies economic, political, and cultural influences on history and the development of the modern world and current events.

## **Democratic Foundations**

**Semester; 0.5 credit**

**\*Includes state-mandated civics test**

This course offers students an insight into American political, economic, and legal systems. Emphasis is given to the development and structure of the U.S. Constitution, including principles of Federalism, Separation of Powers, and Checks and Balances. In addition, units on civics, the rights and responsibilities of citizenship, and economic and political decision making are presented. Current events and issues are explored within the context of citizenship and civic participation. The Wisconsin state mandated civics test is used as the course's final exam.

## **AP United States History**

**Full Year; 1 credit**

**\*Laude**

This course is certified by the College Board and may earn a student college credit based upon their score on the AP Exam which students will have the option of taking upon the completion of the course. (Dates and times of the exam are set by the College Board, not by the school district or administration.) Along with providing an exposure to factual information and examining cause and effect relationships, the course focuses on major historical events and processes in United States History, using a thematic approach. These themes include political, economic, religious, social/cultural, intellectual, and artistic institutions. It is the goal of this class to develop basic skills used for analytical historical study at the college level:

- an understanding of the principal themes in United States history
- an ability to place historical content within a proper context and to analyze historical evidence
- an ability to express that understanding and analysis in writing

## **AP European History**

**Full Year; 1 credit**

**Course offered every other year; course will be offered 22-23**

**\*Laude**

This course is certified by the College Board and may earn a student college credit based upon their score on the AP Exam which students will have the option of taking upon the completion of the course. (Dates and times of the exam are set by the College Board, not by the school district or administration.) Along with providing an exposure to factual information and examining cause and effect relationships, the course focuses on major historical events and processes using a thematic approach. These themes include political, economic, religious, social/cultural, intellectual, and artistic institutions. It is the goal of this class to develop basic skills used for analytical historical study at the college level:

- an understanding of the principal themes in modern European history
- an ability to place historical content within a proper context and to analyze historical evidence
- an ability to express that understanding and analysis in writing

## **Emerging Modern World**

**Semester; 0.5 credit**

Explores key events in world history over the past century, beginning with the outbreak of World War I. This course attempts to gain a historical perspective from a world, rather than a strictly American point of view. Historical events are used to frame the current world's geopolitical boundaries and relationships. The Holocaust, Post World War II/Cold War relationships, and emergence of the European Union and economic development of Japan and China are key units. Current events are examined and are viewed from within their historical context.

**20<sup>th</sup> Century History 1 (1900-1945)**

**20<sup>th</sup> Century History 2 (1945-2000)**

**Semester; Each 0.5 credit**

Using a decade by decade approach beginning in 1900 the course reviews US history through traditional political and economic themes but then seeks to examine the social and cultural impact on US citizens. An emphasis is placed on exploring what daily life would have been like in the United States at the time being studied and how it compares to life as we know it today. The growth of mass media, the entertainment and sports industry, fashion fads and trends, population shifts, social and economic impact of war and periods of economic boom and bust are some key topics explored

## **PHYSICAL EDUCATION & HEALTH**

Every individual, regardless of following a career track or four-year college track, will be confronted with health decisions every day. Therefore, health and physical education are integral parts of general education, which focus on the social, physical, emotional, career, intellectual, environmental, and spiritual aspects of human behavior.

### **Physical Education**

**Semester; 0.5 credit**

Physical Education courses will be provided for your enjoyment and development in the area of physical activity with an emphasis on lifetime sports. The curriculum is set up on a two-year rotational basis and the sequence has been established throughout the semester. Physical fitness testing is done to determine fitness competencies for each student.

### **Core Performance**

**Semester; 0.5 credit**

Core Performance course will be providing lifelong fitness, health and the ability to foster positive, skillful decision making and problem solving based upon literacy skills allowing the student to interpret the ever changing fitness and health education information. This in turn will help students view fitness as a way of life to help them attain individual goals and utilize their potential for the betterment of self, family, and community.

## **AGRICULTURE SCIENCE & TECHNOLOGY**

Agriculture encompasses the food, fiber, conservation, and natural resource system, employing over 20% of the nation's workforce and is Wisconsin's #1 industry with over \$88 billion to Wisconsin's economy and employing 1 of every 9 jobs. According to a recent Purdue University study, Agriculture/FFA students are much more prepared and successful in their post-high-school experiences, whether that be at a university, technical school, or in the workforce. Our program strives to develop students into confident leaders and workers who take pride in everything that they do. Course curriculums prepare students for occupations or further study in large animal agriculture, small animals and pets, plant and soil sciences, greenhouse and ornamental plants, natural resources, and agricultural business. Students have the opportunity to receive advanced standing in the animal science courses.

### **Agri-Processing Semester; 0.5 credit**

This course is designed to show students how food products are harvested, processed, packaged, preserved and consumed. Topics include proper and safe food handling procedures and marketing techniques used in the food processing industry.

### **Animal Science I \* Semester; 0.5 credit**

This course will develop students' understanding of the livestock (beef, dairy, sheep, goats, and swine), poultry, and large (equine) animal industry. Topics of instruction include scientific investigations, genetics, animal anatomy and physiology, animal nutrition, animal reproduction, animal health, and meat science. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts. Lab activities and projects will be included.

### **Animal Science II\* Semester; 0.5 credit Prerequisite: Animal Science I or consent of instructor \*Laude**

This course is offered to meet the needs of students who want to advance their education in animal science. Classroom and laboratory content may be enhanced by utilizing appropriate equipment and technology. Students will apply knowledge of anatomy and physiology to produce and/or manage animals in a domesticated or natural environment and gain knowledge in species specific operations, genetics, livestock operation, processing and reproduction. Math, science, English and human relations skills will be reinforced in the course. Work-based learning strategies appropriate for this course are school-based enterprises and field trips. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

\*Completion of Animal Science 1 and 2 with a grade of "B" or higher will be awarded advanced standing through the technical schools. Also, completion for I & II will be awarded (.5) laude point.

## **Horticulture**

**Semester; 0.5 credit**

**Course offered every other year; course will be offered 23-24**

Horticulture is a semester course designed to give students a background in the field of horticulture and its many career opportunities. It addresses the biology and technology involved in the production, processing, and marketing of horticultural plants and products. Topics covered include: reproduction and propagation of plants, plant growth, growth media, hydroponics, floriculture and floral design, management practices for field and greenhouse production, interior plantscapes, marketing concepts, production of herbaceous, woody, and nursery stock, fruit, nut, and vegetable production, integrated pest management and employability skills. Students participate in a variety of activities including extensive laboratory work usually in a school greenhouse.

## **Greenhouse Management and Landscaping**

**Semester; 0.5 credit**

**Course offered every other year; course will be offered 23-24**

This course will utilize the concepts learned in Horticulture and apply them to managing the greenhouse and producing successful crops in the greenhouse. The class will plan, grow and conduct a spring sale out of the greenhouse. The other main area of concentration for the class will be landscaping. The class will gain hands-on experience in this area by actually being involved in landscaping and management of existing landscapes.

## **Plant and Soil Science**

**Semester; 0.5 credit**

**Course offered every other year; course will be offered 22-23**

Plant and Soil Science is a semester course that provides students with opportunities to participate in a variety of activities including laboratory work. Topics covered include: the taxonomy of plants, the various plant components and their functions, plant growth, plant reproduction and propagation, photosynthesis and respiration, environmental factors affecting plant growth, integrated pest management plants and their management, biotechnology, the basic components and types of soil, calculation of fertilizer application rates and procedures for application, soil tillage and conservation, irrigation and drainage, land measurement, grain and forage quality, cropping systems, precision agriculture, principles and benefits of global positioning systems and new technologies, harvesting, and career opportunities in the field of plant and soil science.

## **Agriculture Mechanics**

**Full year; 1 credit**

**Prerequisite--Intro to Tech Ed or Consent of Instructor**

Basic Agricultural Mechanics is an introductory course that explores a wide variety of mechanical processes. Students will use scientific and mathematical applications through relevant mechanical topics. In addition, students will complete numerous lab-based and project-based activities that will give students the opportunity to develop an understanding of the scientific process and increase hand-eye coordination and motor skills. Areas of study in this course include careers in agriculture mechanics, mechanical safety and hazards, hand and power tools. Topic clusters in this course include small engines, welding and metal work, wood construction, and mechanical technology. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration, and reinforcement of academic concepts.

## **Agriculture Metals**

**Full year; 1 credit**

**Course offered every other year; course will be offered 23-24**

This course covers safety, technical information, and metal fabrication concepts. The course will develop knowledge and skill in the following areas: tool fitting, metals and metal work, metal fasteners, oxyacetylene welding and cutting, and arc welding applications, including SMAW, GMAW, TIG and plasma arc processes. Supervised experience and FFA will be integrated, as appropriate throughout the course.

## **Agriculture Business**

**Semester; 0.5 credit**

**Course offered every other year; course will be offered 23-24**

In this course the role of agriculture in the general economy is recognized. Changes in technology, institutions, and policies, which have altered the structure of farming and agribusiness will be discussed. Economic problems unique to agriculture and agribusiness are examined in common terms to help students grasp an understanding of basic economic theories and their effect on the student. The concepts will be reinforced through discussions, field trips, simulations and computer applications.

## **Agriculture Management**

**Semester; 0.5 credit**

**Course offered every other year; course will be offered 23-24**

The intent of this course is to familiarize students with the practical aspect of management in agriculture businesses. This course will cover many practical topics including: management principles, basic accounting, insurance, taxes, and personal development. The concepts will be supplemented by guest speakers, simulations and computer applications. The students will gain hands-on experience running a mock business set-up for the class.

## **Pets and Small Animal Care and Management**

**Semester; 0.5 credit**

Pet ownership in America is at an all-time high. The pet and companion animal industry is a rapidly growing segment of our economy. Employees with knowledge and skills to work with small animals are constantly needed. The course will include: safety with small animals, nutrition, health, daily management, and careers. The major types of pets, small animals, and fish will be covered as well as a class project of raising and caring for a species of small animal.

## **Leadership-Group Dynamics**

**Semester; 0.5 credit**

Provides for the in-depth study and development of skills in leadership, citizenship and communications necessary to participate in agricultural and community organizations and to become contributing members of society. Emphasizes communications and speaking skills, leadership qualities, democratic processes, problem solving and decision making, leadership styles, goal setting, self-concepts, small and large group dynamics, school-to-work transition skills and personal financial management. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

## **Conservation of Natural Resources**

**Semester; 0.5 credit**

**Course offered every other year; course will be offered 22-23**

It is the purpose of this class to present a balanced viewpoint of the place humans in the world as long-term residents. Discussions will be presented to deal with soil conservation, water use and improvement, endangered species of wildlife, hunting, game animals, trapping, fishing, safety, safety in boating, hiking, and other forms of outdoor recreation; conservation farming, land-use planning, energy resource use, abuse, conservation and alternatives; mineral use and recycling; and careers in each of these diverse fields. In addition to classwork and laboratories, each class will have a class project pertaining to natural resources.

## **Wildlife Management**

**Semester; 0.5 credit**

Wildlife is very important to the Boscobel area both economically and socially. This course is intended to be an advanced continuation of Conservation of Natural Resources. This course is designed for students interested in all phases of fish and wildlife conservation. The principles of ecology and needs of wildlife in relationship to their environment will be studied. Other areas of study include game laws, predators, ecosystems, food chains and food webs. Department of Natural Resources personnel will be used as well as films and videos produced on wildlife management and also field trips. A unit on aquaculture will also be part of this course. In addition, students will learn proper taxidermy procedures by mounting a squirrel or a fish.

## **Introduction to Robotics**

**Semester; 0.5 credit**

This course introduces students to robotics with the emphasis on engineering robots through efficient design, icon, and robot C-based programming. As students program, they learn about technology, sensors, motors, and applied logic through the use of conditional statements, loops, and wait states. Students learn to manage the digital technologies that control the world they live in. They learn about systems, resource allocation, and time management. By participating in friendly classroom competitions, team members work together to solve open-ended challenges where they develop innovative problem-solving skills needed to compete in the global economy. This leads to an increased awareness of STEM-related (Science, Technology, Engineering, and Mathematics) careers.



**Advanced Robotics**  
**Semester; 0.5 credit**

This course is a continuation of the Introduction to Robotics. Students will learn advanced topics including the integration of robots and design. Students will be challenged to design, build, and control their own robot. Engineering practices related to design creation, time management, documentation, prototyping, system construction, and testing are used throughout this course. During the construction of their bot, students are also exposed to many different advanced manufacturing processes, procedures, and careers. Students may have the opportunity to compete in robotics competitions outside the course.

## ART

Creativity is the spice of life. The ability to solve problems creatively is not only sought after in the world of work, but makes all of life's endeavors richer. The visual arts specifically are a great way for young people to make sense of the world around them. Art is best taught in a sequential, rigorous manner. Throughout art classes our students are pushed to challenge themselves in their choice of subject matter and use of different media. These classes will expose students to 2-D and 3-D approaches, along with a study of mankind's history of creativity.

### **General Art**

**Semester; 0.5 credit**

This is a semester class in General Art for students who want to experience a variety of art activities in a short period of time. Students will experience drawing, painting, and sculpture. Art history will also be a part of General Art.

### **Ceramics**

**Semester; 0.5 credit**

This is an introductory class in hand built ceramics. Emphasis will be on basic hand building techniques. Pinch pot, coil, and slab construction procedures will comprise most of this class along with basic glazing procedures. Beginning wheel throwing techniques will be an alternative for interested students.

### **Drawing**

**Semester; 0.5 credit**

This class is a beginning class with an emphasis on drawing. Work with pencil, charcoal, pastel and other media will be explored. Perspective drawing, shading, and composition will also be introduced. This class is a must for those planning on taking Painting.

### **Painting**

**Semester; 0.5 credit**

This is a basic painting class. The emphasis will be on painting with tempera, watercolor, acrylic, and oils. Color theory will be a part of this class along with an understanding of the history of painting. A good basis in drawing is a must before taking Painting.

## **Watercoloring**

**Semester; 0.5 credit**

This is an exploratory class in watercolor paints. Related mixed media approaches will also be used. Both realistic and abstract images will be created from landscape, portrait, and illustration settings. Some art history will also be covered in this class.

## **Graphics**

**Semester; 0.5 credit**

This is an introductory class in 2-D design. Emphasis will be placed on designing a variety of advertising and commercial visual aids including packaging and product promotion. A variety of print materials and ideas also make this class interesting.

## **The Story of Art I**

**Semester; 0.5 credit**

**Course offered every other year; course will be offered 22-23**

This is a basic look at Art History with emphasis on western cultures. Part one covers Prehistoric to Renaissance art. Students create based on art styles and cultures from the era they are learning about.

## **The Story of Art II**

**Semester; 0.5 credit**

**Course offered every other year; course will be offered 21-22**

This is a basic look at Art History with emphasis on western cultures. Part two covers Renaissance to Contemporary art. Students create bases on art style and cultures from the era they are learning about.

## **BUSINESS INFORMATION & TECHNOLOGY**

Business and Information Technology courses provide students with educational opportunities to explore and prepare for careers and for post-secondary education. B&IT courses support concepts that have a real-world focus. Students refine and master technology skills that are utilized in core academic subjects and in careers. B&IT courses also give students the opportunity to earn dual credits for graduation and college entrance.

### **Accounting I**

**Full Year; 1 credit**

**Southwest Wisconsin Technical College; 4 Credits**

**\*Laude**

**\*\*Dual Credit**

Accounting I is a beginning accounting course that teaches the basic accounting principles. The students learn all of the steps in the accounting cycle for both service and merchandising businesses beginning with journalizing through the post-closing trial balance. Payroll, checking accounts, and filling out simple tax forms are also covered in this course. Students apply their knowledge on business forms supplied through supplementary materials for this program. This course is highly recommended for all juniors and seniors pursuing a career in the business field.

### **Computer Applications**

**1 Semester; 0.5 credit**

**Southwest Wisconsin Technical College; 1 Credit**

**\*Laude**

**\*\*Dual Credit**

Students use desktop computers to learn a variety of applications such as word processing, email, spreadsheets, presentation software, file management, and exploring the Internet. At the end of this course, students will know the basics of each application and be able to create professional-looking documents. Emphasis is placed on the components of Microsoft Office.

### **Marketing**

**1 Semester; 0.5 credit**

**Southwest Wisconsin Technical College; 3 Credits**

**\*Laude**

**\*\*Dual Credit**

Marketing is connected to almost every function of business. All people in an organization are responsible for meeting the needs of their consumers and should therefore be familiar with the processes involved with marketing. Students will use the marketing mix in developing marketing concepts. Global relationships, ethics, customer value, productivity, and technology perspectives to marketing will be developed by the students enrolled in this course. This course is highly recommended to juniors and seniors pursuing a career in the business field.

**Career Development**  
**1 Semester; 0.5 credit**

Students will explore careers and develop necessary skills to make meaningful decisions pertaining to their futures. They will also develop a job application portfolio containing a personal data sheet, resume, letter of application, and completed job applications from area businesses. Interviewing skills will be covered in this course as well. Job shadowing opportunities will be available to students if they choose to take advantage of this offer, otherwise they will write a paper on a career in which they are interested in. Career Development students will also learn about banking services including a variety of savings options, different loan options, and how to maintain a personal checking account.

**Multimedia Production and Design**  
**2 semesters: 1.0 credit**

Students in this course will be responsible for creating and designing Boscobel High School's yearbook. They will be utilizing desktop publishing software, such as InDesign, Photoshop, and Illustrator to complete this task. Desktop Publishing/Photo Video Editing students will also learn how to take and edit pictures for the yearbook as well as for creating videos. In order to create videos, students will learn how to use video editing software. The computer skills that Desktop Publishing/Photo Video Editing students learn will be transferable to many other areas of computer graphic design.

**Financial Literacy**  
**1 Semester; 0.5 credit**

This personal financial literacy course is designed to alert, inform, and educate students in concepts of personal finance and money management. This course will start students on a path toward being in control of their financial futures. Five broad topics will be the foundation of the course: college and career planning, money management, saving and investing, income, and spending. The course will teach students to search and assess college and career opportunities, identify and prioritize their personal money management goals, develop personal spending and savings plans, comprehend the impact of time on the value of money, understand the cost of using credit, and protect assets.

## FAMILY & CONSUMER SCIENCE

Family and Consumer Science classes empower individuals and families across their lifespan to manage the challenges of living and working in a diverse global society. Our unique focus is on families, careers, and their interrelationships by helping them to become healthy well-adjusted individuals that are self-confident and productive.

Family and Consumer Science courses provide students with educational opportunities to explore and prepare for their future careers by providing hands-on based learning. The FACS program introduces students to hands on experiences and introductions to careers in Culinary Arts, Nutrition, Food Service, Child Development & Parenting, Fashion & Design, Housing & Interior Design, Textiles, International Foods & Management, Food Science, Social Services, Health Care fields, Interpersonal Relationships Skills and Family Finances.

### **Relationship Skills**

**Semester; .5 credit**

**Course offered every other year; course will be offered 22-23**

This course is designed for the student who wants information to help them with current and future relationships. Topics to be covered include understanding our current relationships, why we have different personalities, individual characteristics, how our morals and values affect our life choices, how to improve communication skills, friendship, dating skills, love and future commitments and lifestyle choices, marriage laws and customs, ending with ways to improve relationship problems.

### **Child Development**

**Semester; .5 credit**

**Course offered every other year; course will be offered 22-23**

This course deals with the realities of being a Parent and progressive Child development. Topics included in this course are personal choices and readiness, pregnancy, conception and birth, prenatal care, influences on parenting today, parenting styles, teens and parenting, adjusting to parenthood, taking care of infants and toddlers. Students' projects include using an empathy belly (a pregnancy simulator) and a Baby think it over (a computerized baby simulator) and visits to all the local daycares.

### **Creative Foods I**

**Semester; .5 credit**

This course is designed to introduce students into the world of food and food preparation techniques. Students will study safe food handling practices, understanding a recipe, measurements and abbreviations use. Class time is spent preparing foods from the following areas: the six classifications of Fruits, the eight classifications of Vegetables, Corn, Rice, Flour and Pasta, followed by Milk, Frozen Desserts, Butter and Cheese.

**Creative Foods II**  
**Semester; .5 credit**

Prerequisite: Creative Foods 1

This class is designed to be a progressive level class that builds on what the students learned in Creative Foods 1. Class time is spent studying and preparing labs in areas such as Yeast Breads, Quick Breads, Milk based Soups, Broth based soups, Casseroles, Salads, Eggs and Culinary careers. Students will make a class cookbook on Google Classroom.

**Creative Foods III**  
**Semester; .5 credit**

**Prerequisite – Foods I and II**

This course is designed as an upper level class for students who have already completed Creative Foods I and II. Class time is spent studying and preparing labs from the following areas: Beef, Pork, Veal and Pork, Poultry, the two classifications of cakes, the six different cookie categories, the three basic pie styles, hard and soft candies. Students will make a class cookbook on Google Classroom.

**International Food Class**  
**Semester; .5 credit**

Students will study and prepare foods from around the world. Regional cuisines of the United States, Mexico, South America, England, France, Germany, Scotland, Ireland, Wales, Denmark, Norway, Sweden, Finland, Spain, Italy, Greece, Middle East, Africa, and Asia. Students will make a class cookbook on Google Classroom.

**Senior Culinary Arts**  
**Seniors only**  
**Semester; .5 credit**

This course is designed just for 12<sup>th</sup> graders who will soon be graduating. This food's class will help seniors learn to prepare easy & nutritious food items in their dorm or apartment. Area's to be covered include soups, casseroles, cookies, desserts, main dishes, salads, fruit, poultry, beef, seafood, pasta, eggs, cheese, rice and flour.

## **FOREIGN LANGUAGE**

Spanish is quickly becoming the second language of the United States, as well as the official language in many countries around the world. Students who take Spanish will study the culture of Spanish-speaking peoples and will learn to carry on conversation in the target language. Emphasis will be placed on the four areas of communication: listening, speaking, reading, and writing. Students who take Spanish courses will be assessed based on standards determined by the American Center for Teaching of Foreign Languages (ACTFL) as they improve their proficiency.

**Note:** A minimum of two credits are required for admission into some four-year colleges or universities, and students may test out of Spanish at the college or university to receive retroactive credits.

### **Spanish I**

**Full year; 1 credit**

Spanish I students will develop their language and communication skills in practical settings using listening, speaking, reading, and writing. Students will learn about the culture of Spanish speaking people. Emphasis will be placed on survival vocabulary and will be taught through classroom practice, games, videos, songs, computer online materials, tests, and more. Practice both in and out of the classroom is expected for success.

### **Spanish II**

**Full year; 1 credit**

**Prerequisite: Spanish I**

Spanish II provides the students with continuing opportunities to gain communicative skills by acquiring more vocabulary and grammar concepts. This course will continue the use of any and all vocabulary and grammar used in the first year of Spanish. Emphasis is placed in all four skills: speaking, reading, writing, and listening. Students will also continue to study cultural points of Spanish speaking countries and people. Additional practice outside of the classroom is expected.

### **Spanish III**

**Full year; 1 credit**

**Prerequisite: Spanish II**

**\*Laude**

Spanish III develops more creative communication ability as students strengthen grammar and vocabulary skills as they work towards the goal of more natural, overall proficiency. There is a continued emphasis on the culture of Spanish speaking countries, and students will be able to communicate in a variety of tenses. Emphasis is placed on all four skills: speaking, reading, writing, and listening. Additional practice outside of the classroom is expected.



## **Spanish IV**

**Full year; 1 credit**

**Prerequisite: Spanish III**

**\*Laude**

Students in Spanish IV will continue to develop their proficiency skills by improving their communication in reading, writing, speaking, and listening. Students will communicate in a variety of tenses and moods and learn more vocabulary. Students will be able to function in a wider range of everyday situations and social settings. There is continued emphasis on the culture of Spanish speaking countries. Additional practice outside of the classroom is expected.

## MUSIC

The Boscobel Music Department offers all students the opportunity to earn a Fine Arts Credit. All students may elect to participate in a vocal or instrumental performance group. These ensembles may require some outside practice in order to contribute to the group in a positive way.

Members of the Concert Band are required to participate in marching and pep band, along with three required concerts. Concert Choir members are required to participate in mixed choir, along with either women or men's choir, and attend four required concerts. All music students receive small group or private instruction in vocal or instrumental technique.

Co-curricular offerings are available for students in both band and choir. Instrumental students have the opportunity to be involved in jazz ensemble and vocal students can be involved in madrigal, women's jazz, and mixed jazz. All students can participate in solo and ensemble festivals. Independent study options are available for college bound music majors and minors, or students wanting to pursue other careers in music.

### **Senior High Band** **Full year; 1 credit**

The first quarter of the school year is largely devoted to marching band for the homecoming field show and various parades. The band also performs as a pep band for home football games and will do so also at selected home basketball games. The concert band season begins, preparing three concerts in December, March, and May respectively. Selections from the May concert are also performed at the Large Group Festival. During the solo and ensemble season, each student will participate in a woodwind, brass, or percussion ensemble and are strongly encouraged to perform in solos or small groups as well. Students are given lessons alongside the class for individual development of skills.

### **High School Choir** **Full Year: 1 Credit**

This is a year-long course offered to current and aspiring singers, female and male, entering grades 9- 12. Concert Choir explores choral music from a wide variety of cultures and time periods through study and performance. Members in this group will sing in a mixed setting as well as have the opportunity to sing in a Women's and Men's Choir. Singers will also have private or small group instruction to develop their music skills which will better enhance the mixed choir.

The core curriculum of this class emphasizes the basics of vocal technique, pitch-accuracy, sight-reading, expression through performance, music theory, and music history. Students in Concert Choir are expected to participate in four major concerts, as well as Veteran's Day and Large Group Festival. These concerts count for a large portion of their grade.

Students also have the opportunity to participate in auditioned groups such as Madrigal, Women's Jazz and Mixed Jazz. All of these groups rehearse outside of the regular scheduled class time. All students also have the opportunity to participate in the Solo and Ensemble Festival.

## TECHNOLOGY EDUCATION

As a field of study, Technology and Engineering covers the human ability to shape and change the physical world to meet our needs. We are able to do this by manipulating materials and tools with knowledge, techniques and manufacturing and/or engineering processes. Students will use these skills and knowledge throughout their lifetime in the world of work or as a consumer. In this field of study, students learn to focus their problem solving and creative thinking skills to solve real world problems.

### **Introduction to Technology and Engineering, Semester; 0.5 credits**

This exploratory course is designed to give an introduction to the many areas of technology and engineering. This class is a wonderful choice for students that may only take one class in Technology and Engineering. The areas of study include but are not limited to: CADD drafting, tool safety, woodworking, metalworking, sheet metal fabrication, welding, design and measurement, machine and tool safety and problem solving/creative thinking skills. Students will be required to pay for all consumable materials utilized in personal projects.

### **Home Maintenance and Construction, Semester; 0.5 credit**

This course is designed to give the student basic maintenance skills and construction skills. Areas of study will include but are not limited to: framing techniques, drywall, painting, insulation, electrical systems, plumbing, vinyl siding, masonry and residential construction.

### **Computer Aided Drafting and Design, Semester; 0.5 credit**

This course is designed to provide students with an understanding of the operation and features of a computer aided drafting/design system. Emphasis is placed on the application of computer graphics in solving basic mechanical drafting problems. The purpose of the course is to assist individuals in making meaningful occupational and educational choices. Basic technical information and laboratory experiences are directly related to the operation and are provided in a hands-on approach.

### **Consumer Automotive Semester; 0.5 credit**

This course is designed for students to learn about and understand the basic components and systems of the automobile. Students will learn the function of basic parts of a car along with basic skills such as: changing a tire, changing oil, replacing filters, changing spark plugs, and basic vehicle assessments. Students will also be introduced to other simple general maintenance along with preventive maintenance to a vehicle. Students will also be exposed to the aspect of purchasing, financing, and insuring a car.

**Basic Metals 1,  
Semester; 0.5 credit**

Students in this course will study sheet metal work, metal lathe, milling machine, sand casting, and basic welding. This course will give students exposure to the materials and techniques used in metalworking. This class is full of "hands on" machine operation. Students will learn safe processing of materials and will create an individual project(s). Students will be required to pay for all consumable materials utilized in personal projects.

**Power, Energy and Transportation  
Semester; 0.5 credit**

This course is designed to provide students with hands on practical knowledge of how these critical systems within our society are constructed and operate. The students will study and then apply these concepts in order to solve real life problems. Furthermore, with different forms of energy and power emerging, students will be introduced to both the advantages and disadvantages of these new systems and how they differ from the traditional forms.

**Woodworking 1,  
Semester; 0.5 credit**

Students will learn basic machine operations, safety, selection, and processing of materials. There will be projects, individual projects, and possible group projects. This class is mostly "Hands-on". Students will be required to pay for all consumable materials utilized in personal projects.

**Woodworking 2,  
Semester; 0.5 credit  
Prerequisite-Woodworking 1**

This course is open to students that have successfully completed woodworking 1. Students will expand on the subjects learned in woodworking 1. This course is designed for the serious woodworker that wishes to create lasting wood products. Students will be required to pay for all consumable materials utilized in personal projects.

**Advanced Technology and Engineering,  
Semester; 0.5 credit  
Prerequisite- Grade 12**

This course is open to students in grades 12. This course is designed for the students that has taken the majority of the Technology and Engineering classes offered.

This course is designed to give the student the opportunity to complete advanced study of Technology and Engineering. This would allow the students to expand their knowledge of an area that course is of special interest to them. For example, if a student is interested in a metal working career, the student and the instructor would develop a learning plan that would identify specific activities and projects that would allow the student to learn the skills that are desired. A few examples of possible independent studies would be automotive, metalworking, woodworking, CADD drafting, construction, and welding. Students will be required to pay for all consumable materials utilized in personal projects.