BHS Course Description Guide

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THE SCHOOL DISTRICT OF BELLEVILLE SHALL NOT DISCRIMINATE ON THE BASIS OF RACE, SEX, NATIONAL ORIGIN, HANDICAP, COLOR, DISABILITY OR ANY OTHER FACTORS PROVIDED FOR BY STATE AND FEDERAL LAWS AND REGULATIONS. THIS POLICY PROHIBITS DISCRIMINATION AS DEFINED BY TITLE IX OAF THE EDUCATION AMENDMENTS OF 1972 (SEX), TITLE VI OF THE CIVIL RIGHTS ACT OF 1964 (RACE, NATIONAL ORIGIN, COLOR), SECTION 504 OF THE REHABILITATION ACT OF 1973 (HANDICAP) AND THE AMERICANS WITH DISABILITIES ACT OF 1990 (DISABILITY).

BELLEVILLE HIGH SCHOOL GRADUATION REQUIREMENTS
Graduation Total = 28 credits

English - 4 credits
__1.0___ English 9 *or* Honors English 9
__1.0___ English 10 *or* Honors English 10
__1.0___ English 11 *or* Intro to College Writing & Reading *or* AP Language
__1.0___ English Elective

Math - 3 credits
__1.0___ Algebra
__1.0___ Geometry or Int. Geometry
__1.0___ Algebra II or Int. Algebra

Social Studies – 3 credits
__1.0___ World Geography Studies/Civics
__1.0___ World History
__1.0___ U.S. History *or* AP U.S. History

Science - 3 credits
__1.0___ Physical Science
__1.0___ Biology
__1.0___ Science Elective

CTE - .5 credit
__.5___ Personal Finance & Careers

Physical Education – 1 credit
__.5___ Physical Education
__.5___ Physical Education

Health - 1 credit
__.5___ Health 9
__.5___ Lifelong Health and Wellness

Required Course Outline by Grade

9TH GRADE:	**10TH GRADE:**
• English 9 *or* Honors English 9 • World Geography Studies /Civics • Physical Science • Math • Health 9 • *Physical Education	• English 10 *or* Honors English 10 • World History • Biology • Math • *Personal Finance & Careers • *Physical Education
11TH GRADE:	**12TH GRADE:**
• English 11 *or* Intro to College Writing & Reading *or* AP Language • *US History *or* AP US History • *Science Elective • *Math Elective • * Lifelong Health and Wellness	• Senior English Electives

**optional year*

College Entrance Requirements

Institutions have varying entrance requirements. In order to create a competitive resume, a student should take as many advanced and AP courses as possible. Participation in co-curricular activities, clubs, and organizations is crucial as entrance to these institutions is very competitive and institutions want to see that a student is actively involved in their school and community. Most universities use a formula that incorporates GPA, class rank, and ACT/SAT scores. All four-year institutions/colleges require college preparatory credits in English, Mathematics, Social Studies and Science. ***Some institutions also require a minimum of two credits in a single World Language with a grade of 'C' or better.***

The minimum credit distribution for 4 year institutions is as follows:

I. Core College Preparatory Credits

English	4 credits
Mathematics	3 credits
Social Studies	3 credits
Science	3 credits

II. Elective Credits 4 credits*

*These are chosen from the above core college preparatory areas, world language, fine arts, computer science, and other academic areas. Having met minimum requirements does not guarantee admission to any college/university. Most students who are admitted are prepared well beyond the minimum requirements.

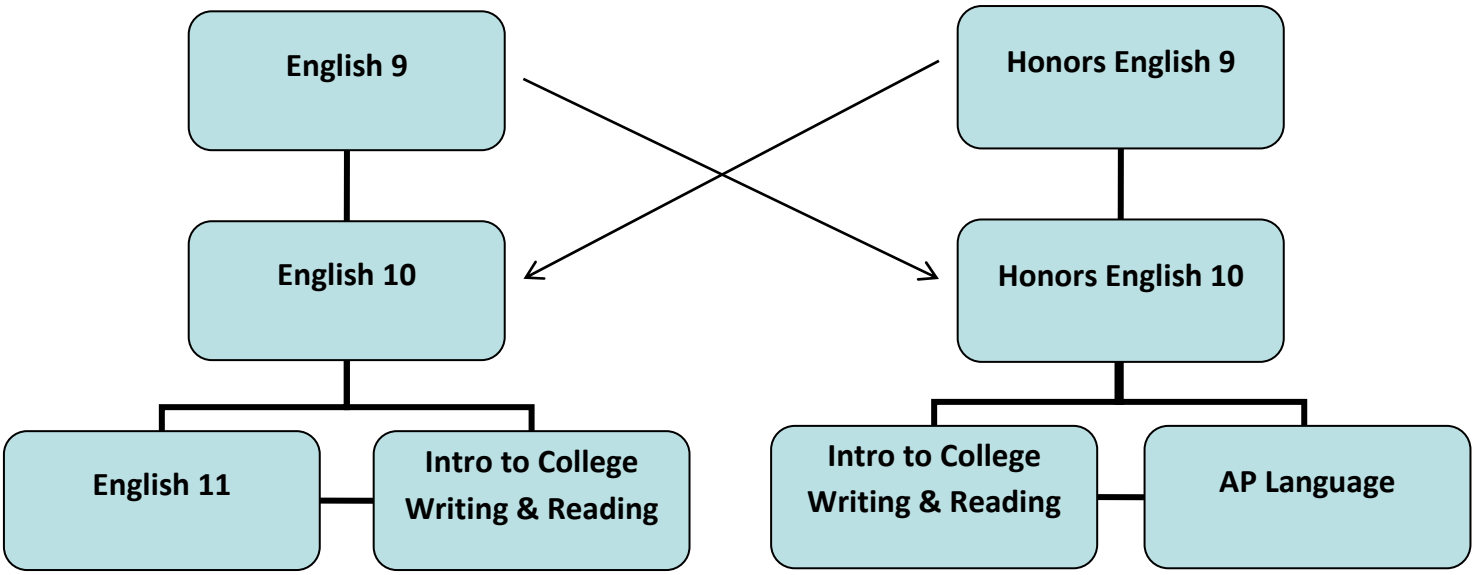
Parents and students are reminded that post-secondary institutions have varying entrance requirements and it is their responsibility to know the specific entrance requirements of the particular post-secondary school they wish to attend. If you have any questions please see Mrs. Norton for advice.

Advanced Placement Courses

Advanced Placement is the most widely recognized and accepted college-level academic program available to high school students in the nation. With qualifying exam scores, students can earn credit, advanced college placement, or both at the majority of colleges. Students are encouraged to check with the colleges/universities they are interested in for specific credit information. Credit information is available by using the AP Credit Policy Info search at www.collegeboard.org/ap/creditpolicy ; or http://uwhelp.wisconsin.edu/testing/ap.aspx for credit and placement policies for all the universities in the UW-System. Most colleges and universities begin granting credit with Exam scores of 3 or higher. Research consistently shows that students who are successful in AP high school classes experience greater success in college than students who do not participate in AP. The rich course material, classroom discussions, and demanding assignments in AP classes help students develop the knowledge and critical thinking skills expected of college students. Even colleges and universities who do not accept AP credits recognize the rigor of AP and look for such courses when reviewing students' transcripts during the college admission process. Students are advised that the content and pace of a high school AP course is the equivalent of what might be expected in a similar college course.

English Sequence

Graduation Requirement - 4 Credits of English must include:
English 9 *or* Honors English 9; English 10 *or* Honors English 10; English 11 *or* Intro to College Writing & Reading *or* AP Language; and 1.0 credit of English Electives.



English Electives:

English 12

Greek & Roman Mythology

World Mythology

Newspaper Production

Speech

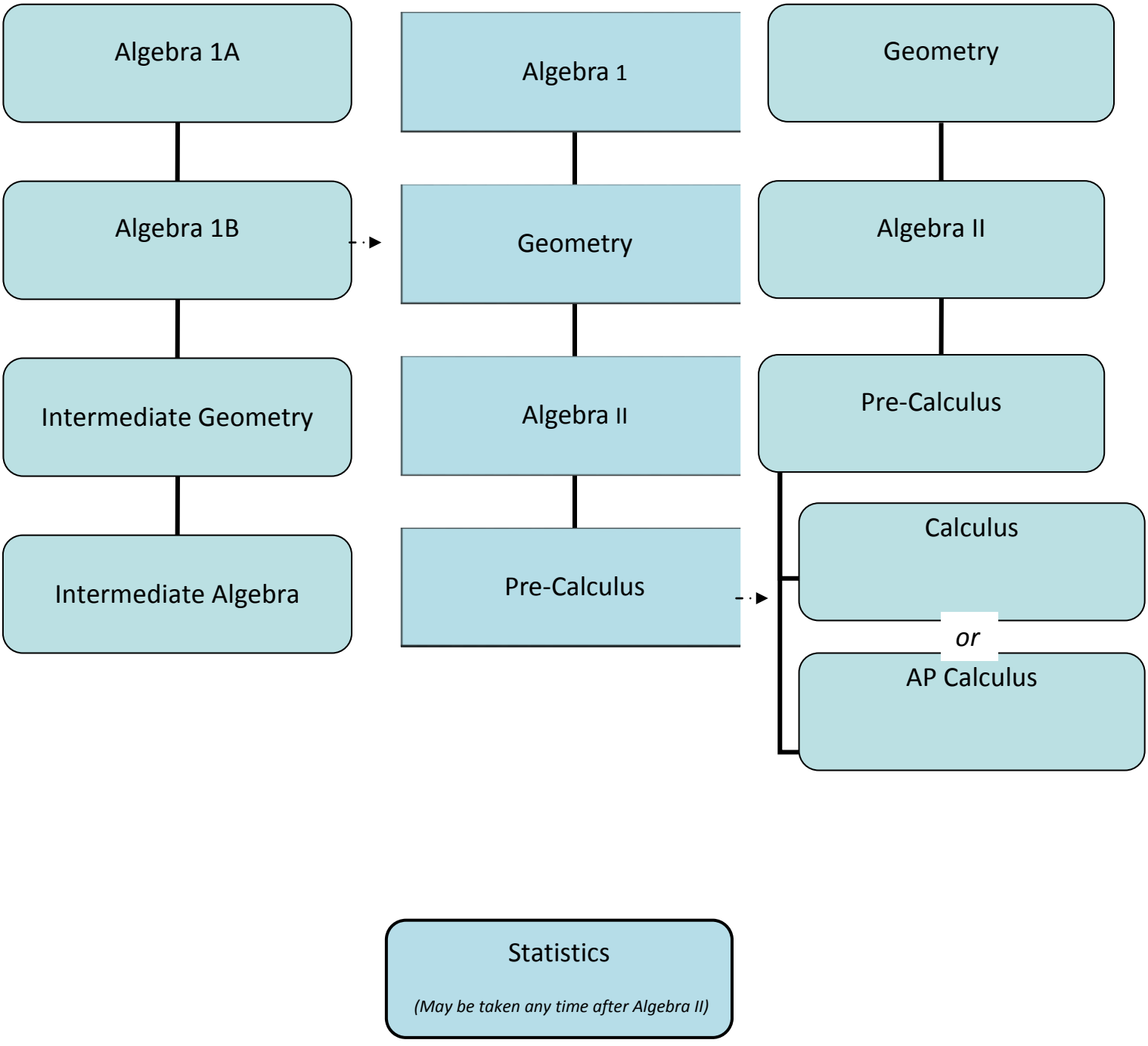
AP Language

AP Literature

** Check for prerequisites listed in the English Department section*

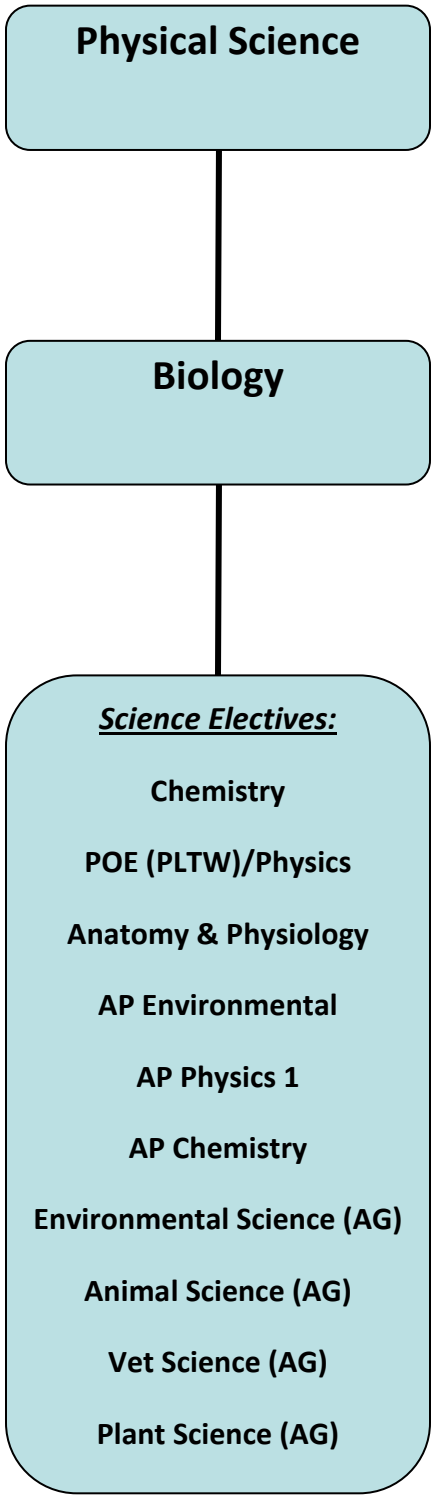
Math Sequence

Graduation Requirement - 3 Credits of Math must include:
Algebra 1A *and* Algebra 1B *or* Algebra 1 *or* Algebra II; and Geometry.



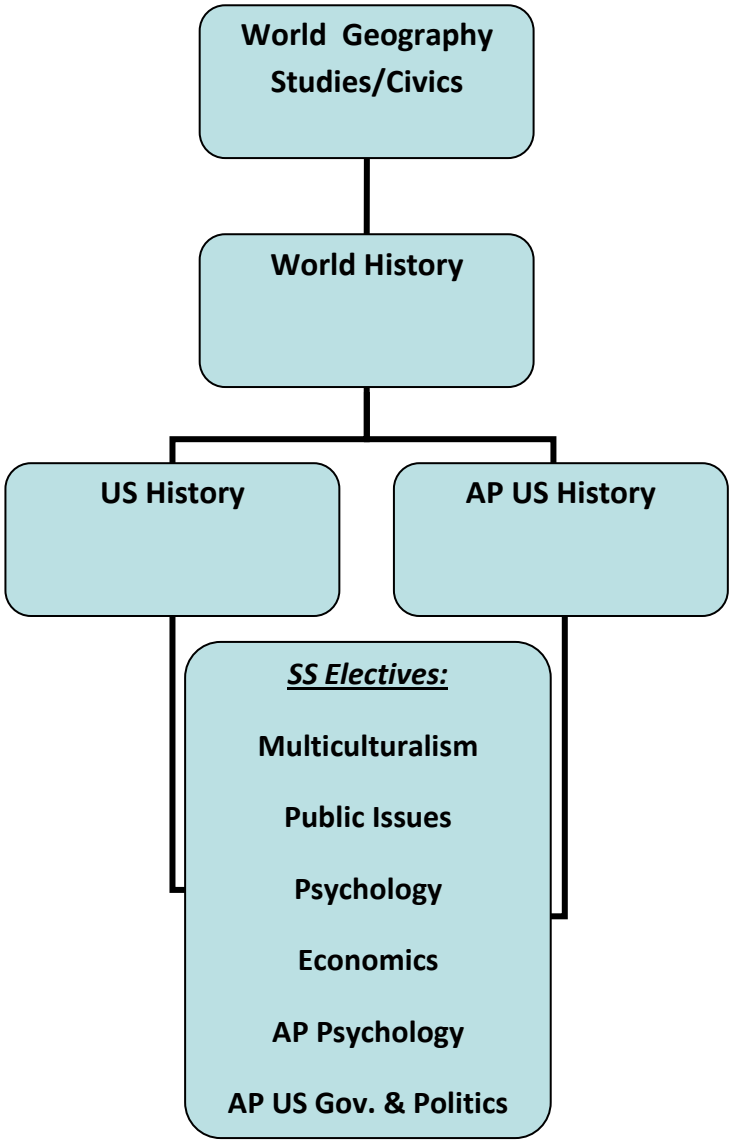
Science Sequence

Graduation Requirement- 3 Credits of Science must include:
Physical Science; and Biology.



Social Studies Sequence

Graduation Requirement- 3 Credits of Social Studies must include:
World Geography Studies/Civics; World History; US History *or* AP US History.



Agriscience

Department Teachers:

Melissa Knudson
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Course	Freshman	Sophomore	Junior	Senior
Companion Animal & Horse Care	E	E	E	E
Natural Resources & Wildlife Management	E	E	E	E
Landscape Design		E	E	E
Plant & Soil Science (Equivalent Science Credit)		E	E	E
Veterinary Science (Equivalent Science Credit)		E	E	E
Environmental Science (Equivalent Science Credit)		E	E	E
Animal Science (Equivalent Science Credit)			E*	E*
CTE- Independent Living	E	E	E	E

E = Elective and the year student is eligible for the course
(*) = Transcripted College Dual Credit Option

ANIMAL SCIENCE (ES)

Prerequisite: none
Credit: 1.0 Equivalent Science Credit
(Students who earns a C or better, will also earn 3 credits at Blackhawk Technical College which is transferrable to UW-Platteville & Southwest Technical College).
Grades: 11-12

This course is designed to give students an introduction into the world of animal science. Students will learn about the management practices involved in producing livestock such as beef cattle, dairy cattle, swine, poultry, goats, and sheep. Students enrolled in this course will gain a better understanding of the meat industry and management practices utilized in the livestock industry. Students will have the option to receive 3 transcripted credits through Black Hawk Technical College if they earn a C or better.

PLANT & SOIL SCIENCE (ES)

Prerequisite: None
Credit: 1.00 Equivalent Science Credit
Grade: 10-12

This course is designed to be a practical course for a student interested in the art of growing plants for food and the beautification of their surrounding area. This course will cover the basic principles of plant science as well as an introduction to landscaping, turf grass, floriculture, vegetable, and crop production. When speaking of plants, SOIL is an essential resource as virtually all plant value is derived from soil. This course will cover the basic principles of soil as well as erosion, land management, and fertilizer. Hands-on growing exercises and labs will play a key role in this course as we use the greenhouse and host a plant sale.

ENVIRONMENTAL SCIENCE (ES)

Prerequisite: None
Credit: 1.00 Equivalent Science Credit
Grade: 10-12

The course studies how humans can impact the world around them. During the course we will discuss: air quality, global warming, different ecosystems, recycling and waste, water quality, land use, and different ways to get energy. There will be a large emphasis on current events in our local, national, and international communities.

COMPANION ANIMAL & HORSE CARE

Prerequisite: None
Credit: .50
Grade: 9-12

This class is designed to teach about the small animal industry. Pets are special creatures, whether they are dogs, cats, rabbits, or any other companion animals. The course will cover feeding, breeding, health and veterinary practices, psychology, behavior and training. This class will also involve the studying of horses including their history, breeds, health, diseases, nutrition, and related careers.

VETERINARY SCIENCE (ES)

Prerequisite: None
Credit: .50 Equivalent Science Credit
Grade: 10-12

This course is designed to give students an introduction in the topic of Veterinary Science. Topics covered will include anatomy and physiology, nutrition, animal health, careers and terminology, and the role agriculture plays in science. Students will be instructed on best learning and lab practices, they will also gain an understanding of proper animal handling. Assessments will include quizzes, exams, lab practicals, and a final project dealing with one species that ties in all units previously discussed in the semester.

LANDSCAPE DESIGN

Prerequisite: None
Credit: 0.5
Grade: 10-12

This course will teach students how to design interior and exterior landscapes. Students will practice a variety of landscape design techniques using both drafting and a landscaping software program that is currently being used by businesses in the industry. Through the use of this software, students will be introduced to a CAD program and create realistic landscaping proposals.

NATURAL RESOURCES & WILDLIFE MANAGEMENT

Prerequisite: None
Credit: .50
Grade: 9-12

In this course students will learn the importance, conservation, and management of our natural resources and wildlife. We will cover several topics as well as the recreational activities that correlate. In addition, students in this course will learn ATV and snowmobile safety and have the opportunity to earn DNR certification for those activities. We will focus on the common WI wildlife such as deer, fish, and small game. Consideration of providing and maintaining essential habitat for all of these species is included. Through this course, students will gain an understanding of how to enjoy, respect, and manage the natural resources around them.

CTE- INDEPENTDENT LIVING

Prerequisite: None
Credit: .50
Grades: 9-12

It is not always common sense and many teens find it challenging to live away from home without having learned some basic skills and life strategies. We start with the effects of a solid self- concept, and strategies to overcome roadblocks to responsible adulthood. Next will come exploring lifestyle options and issues. The last and largest portion of the class covers the skills you will need living away from home (laws at age 18, protective behaviors, finding housing, home maintenance, vehicle care, ect.). This course is largely hands-on, if you like learning by doing, this class is a smart choice.

Art

Department Teachers:

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Melissa Decabooter
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Course	Freshman	Sophomore	Junior	Senior
Foundations in 2D/3D	E	E	E	E
Drawing I	E	E	E	E
Drawing II	E	E	E	E
Painting I	E	E	E	E
Painting II	E	E	E	E
Ceramics & Sculpture I	E	E	E	E
Ceramics & Sculpture II	E	E	E	E
Digital Photography	E	E	E	E
Graphics & Illustration	E	E	E	E
Yearbook	E	E	E	E
Studio Art			E	E

E = Elective and the year student is eligible for the course

FOUNDATIONS IN 2D/3D ART

Prerequisite: None
Credit: .50
Grade: 9-12

Students can expect a wide variety of two-dimensional and three-dimensional experiences in this foundations course. Students will be encouraged to think creatively as they develop ideas for their various assignments and discover their personal style for creating art. This course will provide students with the knowledge and basic techniques that are needed in the creation of two-dimensional art such as drawing, painting, graphic design, printmaking, and digital photography; and three-dimensional art such as sculpture, ceramics, art metals, altered art, and architecture/model making. The elements and principles of art and design will be stressed and art history will be an informal component along with formal and informal critique sessions.
Course Objectives:

1. **Students will gain a basic understanding of the techniques that are used to create two-dimensional and three-dimensional artwork.**
2. **Students will become familiar with the use of the elements and principles of art and design in their compositions.**
3. **Students will learn to think creatively while developing a personal style in each of the two-dimensional and three-dimensional areas of study.**

DRAWING I

Prerequisite: None
Credit: .50
Grade: 9-12

Drawing I introduces students to a variety of materials and methods of drawing. Assignments make use of black and white (graphite, pen & ink, charcoal), as well as color media (colored pencils & pastels). Compositional principles are taught along with techniques to render line, value, perspective, form, and texture. Students will choose from a wide range of subject matter to create drawings that have personal meaning to the artist. Daily warm-up activities will be used to improve drawing accuracy.
Course Objectives:

1. **Students will develop their observational drawing skills.**
2. **Students will be able to reproduce visual images using a variety of media through an interesting range of subjects.**
3. **Students will learn the foundations of basic drawing and compositional principles.**

DRAWING II

Prerequisite: Drawing I
Credit: .50
Grade: 9-12

Drawing II allows students to further explore drawing as a form of fine art. Students will design their own projects in cooperation with the instructor. Students will be required to keep a sketchbook that will be submitted weekly. This course might be offered with Drawing I depending on enrollment and compositional principles.
Course Objectives:

1. **Students will further develop their observational drawing skills through the use of daily sketching exercises.**
2. **Students will focus on working from direct observation and limited photo references.**
3. **Students will work from live models and their own photos, no outside references will be acceptable.**

PAINTING I

Prerequisite: None
Credit: .50
Grade: 9-12

This studio course introduces painting techniques using transparent watercolors, opaque tempera, acrylics, oils, and pastels. Emphasis is placed on color principles, composition, and expression. Students work directly from observed pictorial imagery and with nonobjective experimentation.
Course Objectives:

1. **Students will develop basic painting skills using a variety of media.**
2. **Students will be introduced to various methods of painting through the examination of the work of master painters.**
3. **Students will explore relationships as they apply to painting.**
4. **Students will be encouraged to apply the elements and principles of design in their paintings.**

PAINTING II

Prerequisite: Painting I
Credit: .50
Grade: 9-12

This advanced course is offered to students who have completed Painting I. Painting II allows students to further explore the use of watercolors, acrylics, and oil, and mixed media paintings as fine works of art. Students will design their own projects in cooperation with the instructor. The development of an individual painting style will emerge over the course of the term. An emphasis on originality and creativity will be placed on all student work. Students will take and utilize their own photos for painting references. Copyright laws will be discussed as well as further explorations in Art History. This course will be offered at the same time as Painting I depending on the enrollment for both classes
Course Objectives:

1. **Students will utilize previous knowledge and skills of the painting process in the creation of original paintings on both paper and canvas.**
2. **Students will become familiar with a variety of advanced techniques in a variety of media**
3. **Students will be able to recognize and identify the work of a wide range of historically significant painters.**

CERAMICS & SCULPTURE I

Prerequisite: None
Credit: .50
Grade: 9-12

This course introduces students to both hand-building techniques and basic wheel-throwing skills in clay. Both functional vessels and sculptural forms are created in a variety of mediums. Pottery decoration techniques will also be explored. Students will create a wide selection of hand-made, and wheel-thrown-pieces to be included in an

annual Ceramics Sculpture Show. This exhibit could lead to possible sales of student work. Originality and creativity will be highly encouraged.
Course Objectives:

1. **Students will develop skills in the design, construction, and decoration of ceramic and sculptural forms.**
2. **Students will become familiar with the proper use of specific tools and equipment used.**
3. **Students will gain knowledge in exhibiting and selling their work.**

CERAMICS & SCULPTURE II

Prerequisite: Ceramics I
Credit: .50
Grade: 9-12

This advanced course is offered to students who have completed Ceramics and Sculpture I. Students will explore advanced study in wheel pottery and independent projects in sculpture. Students will design their own projects in cooperation with the instructor. There will be an emphasis on originality and creativity in regards to individual designs. All students will be required to keep a sketchbook of ideas to be turned in at the end of the course.
Course Objectives:

1. **Students will expand on their basic skills in the design, construction, and decoration of ceramic and sculptural forms.**
2. **Students will master the proper use of specific tools and equipment that will be used in the creation of both sculptural and ceramic forms.**
3. **Students will gain further knowledge in exhibiting and selling their own work.**

DIGITAL PHOTOGRAPHY

Prerequisite: None
Credit: .50
Grade: 9-12

This course is an exploration of digital photography, digital image editing, and photographic techniques. Some topics that will be covered include: your camera inside & out, composition, traditional photography, scanner and other input devices, image editing software and various output options. We will also explore the commercial and aesthetic applications of digital imagery.
Course Objectives:

1. **Students will learn how to visually compose a photo by using the elements & principles of design.**
2. **Students will develop skills in digital manipulation of photographs through the use of various editing software.**
3. **Students will learn to apply these new understandings toward creating original, strong, interesting digital images.**
4. **Students will expand their knowledge and vocabulary as it relates to both contemporary & traditional photography and photographers.**
5. **Students will discover their limits and strive to create beyond them.**

GRAPHICS & ILLUSTRATION

Prerequisite: None
Credit: .50
Grade: 9-12

This course is about visual problem solving. Students will explore four major areas of design by implementing a variety of graphic solutions to each area. The four areas of study will include Illustration, Digital Photography, Printmaking, and Cartooning/Animation. The purpose of the course is to develop skills in visual communication. Students will be introduced to each of these areas then transform their visual concepts and ideas into polished graphic solutions.
Course Objectives:

1. **Students will learn to solve problems visually.**
2. **Students will become familiar with and develop visual communication skills in the following areas of design: Illustration, Digital Photography, Printmaking, and Cartoon/Animation.**

YEARBOOK

Prerequisite: None
Credit: 0.5
Grades: 9-12

Yearbook is designed to provide students with greater knowledge and understanding of journalistic storytelling and publishing to a mass audience. Each unit of study will use a variety of learning approaches to better comprehend the planning process involved in developing effective yearbook layouts, fluent copy, a consistent theme and cover. Students will develop an understanding of the yearbook business and budget, while seeking and gathering business ads from the community. Throughout the course, students will explore and become fluent with the editing software and process needed for an effective yearbook publishing, while developing time management, organizational skills and teamwork. Units of study include: communication with the community, preparing for the rough draft, developing the rough draft, editing, captions, headlines, revisions and cohesion, and preparing for publication.

STUDIO ART

Prerequisite: Four or more art courses with a grade of B or better/consent of instructor and guidance counselor
Credit: .50
Grade: 11-12

Studio Art may be taken with both the guidance counselor's permission and the high school art teacher's recommendation. It is intended for students in their junior or senior year who have already taken four or more art courses (with a grade of B or better) and wish to concentrate on an art career. The student will be working with the teacher during a block that is dedicated to another art class so the student must be independent and highly motivated. The student will prepare a portfolio for use in post-secondary education and/or work experience.

Business, Marketing & Information Technology

Department Teacher:

Erik Farrar
farrare@belleville.k12.wi.us

Course	Freshman	Sophomore	Junior	Senior
Accounting 1- Principles	*E	*E	*E	*E
Business Marketing	E	E	E	E
Desktop Publishing	E	E	*E	*E
Web Design and Development	E	E	*E	*E
Digital Communications	E	E	*E	*E
Newspaper Production	E	E	E	E
Sports Marketing	E	E	E	E
Entrepreneurship		E	E	E

E = Elective and the year student is eligible for the course
(*) = Transcripted College Dual Credit Option

ACCOUNTING 1- PRINCIPLES

Prerequisite: None
Credit: 1.0 + 4 Madison College Credits
Grades: 9-12

This is an excellent beginner course for those who are planning a career in any business area. Accounting covers the fundamentals of keeping accurate financial records for a business. This includes maintaining financial records for sole proprietorships, partnerships and corporations. In addition to recording daily transactions, the preparation of fiscal-ending financial statements and a business payroll accounting system are covered.

BUSINESS MARKETING

Prerequisite: None
Credit: 1.0
Grades: 9-12

Business Marketing introduces the student to the marketing process and how it operates in today's dynamic businesses and organizations. This course will include the following topics: branding, sports/entertainment marketing, product development, marketing segmentation, targeting strategies and positioning, market research and consumer behavior. Business Marketing provides students the opportunity to use their creative side to complete hands-on projects to obtain an overview of the exciting world of marketing.

DESKTOP PUBLISHING

Prerequisite: None
Credit: 1.0 + 1 Madison College Credit
Grades: 9-12

Students in this course experience the challenges of designing and publishing pages using Adobe InDesign, Photoshop, and Illustrator. Microsoft Publisher will also be used. This course is designed for students who want to learn the principles of effective page layout and graphic design techniques. It is a project-based course that provides students with an opportunity to put their creative energies to work completing real-world design projects, ranging from flyers, brochures, and logos. Students will create and edit their own images and digital photographs to be used in these documents. Junior and senior students who earn a C or better will also earn 1 Madison College credit for Adobe Photoshop.

WEB DESIGN & DEVELOPMENT

Prerequisite: None
Credit: 1.0 + 1 Madison College Credit
Grades: 9-12

This class will focus on web page content, planning, design, set-up, and maintenance of a web site. Students will create a web site with multiple pages and functions. Students will become familiar with terms and components of the Internet, and develop an awareness of design considerations that affect web page construction. Students will learn to use many technology tools to create their web sites. HTML/XHTML will be explored, although powerful visual editors such as Adobe Dreamweaver, Fireworks, and Flash will be used for page construction. With the widespread use of the Internet, Web Design and Development will provide students with the technology skills and knowledge needed to become effective communicators in this exciting new medium. Junior and senior students who earn a C or better will also earn 1 Madison College credit for Adobe Dreamweaver.

DIGITAL COMMUNICATIONS

Prerequisite: None
Credit: 1.0 + 4 Madison College Credits
Grade: 9-12

Digital Communications is highly recommended for those students advancing to post-secondary education. Digital Communications is a project-centered course where students will be introduced to the benefits of using an integrated software package to produce materials for other classes, college, business, and personal use. Students will produce complex business documents using the advanced software features found in Microsoft Excel, Word, Access, and PowerPoint.
Junior and senior students who earn a C or better in one or more of the following modules will earn the corresponding Madison College credit at no expense to them. (1-4 Madison College credits are available):
Excel 2010, 10-103-133 = 1 Madison College credit
Word 2010, 10-103-137 = 1 Madison College credit
Access 2010, 10-103-145 = 1 Madison College credit
PowerPoint 2010, 10-103-143 = 1 Madison College credit

NEWSPAPER PRODUCTION

Prerequisite: None
Credit: 1.0 (.5 English Credit and .5 Business Credit)
Grades: 9-12

Students in this course will function as a newspaper staff to produce, design, publish, and distribute the school newspaper by becoming reporters, writers, photographers, copy editors, layout editors, and financial managers. By better understanding the different purposes of media and participation in the creation ourselves, we can understand how the media may influence the local community and beyond. Students will hone writing techniques for a variety of journalistic purposes, as well as discuss current events, coverage ideas, etc. Integrity selling will be used to build relationships with businesses in the community in order to sell advertisements, and students will be responsible for the financial solvency of the newspaper. Students will become proficient in the following computer programs: Microsoft Word 2010, Adobe Indesign, Adobe Photoshop, and Adobe Illustrator. *Students will be required to cover both community and school events outside of school hours.

SPORTS MARKETING

Prerequisite: None
Credit: .5
Grades: 9-12

You will enter the exciting world of sports marketing. This course is designed for students to learn about the vast growing entertainment industry, how it relates to our society, and what career options are developing as a result. Students will develop and use oral and written communication skills for group and individual project presentations. These projects will include the

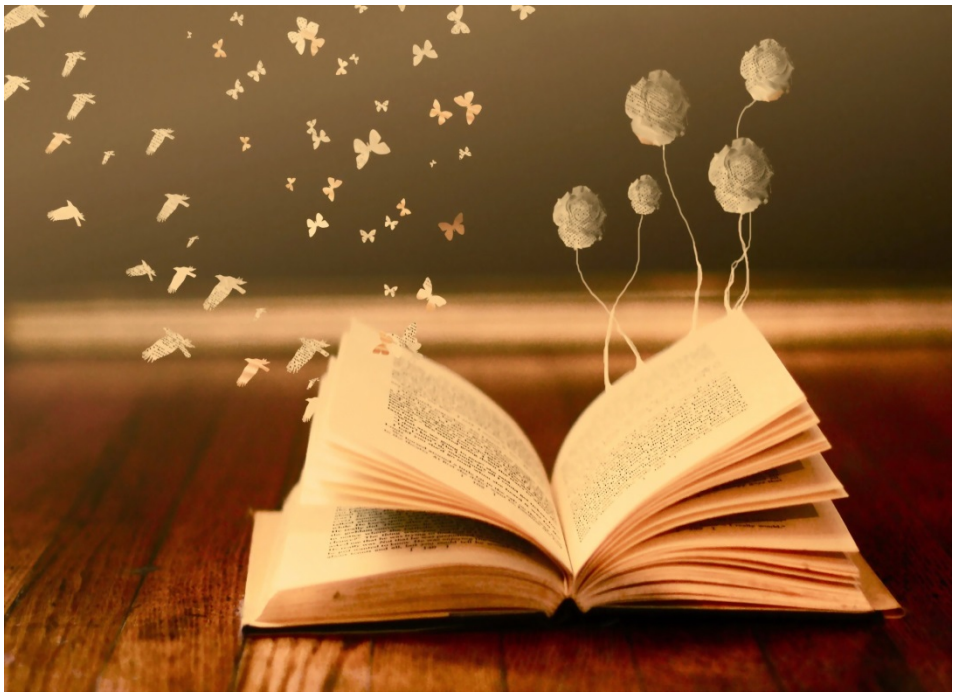
development of a marketing strategy to promote high school or community events.

ENTREPRENEURSHIP

Prerequisite: None
Credit: .5
Grades: 10-12

This real-world course prepares students to carry out the entrepreneurial process and experience owning and operating their own small business. The focus will be developing an innovative idea and writing a business plan, which are only the first steps of a successful business. The students will develop skills that are needed for a competitive marketplace, while learning and understanding production, marketing, finance, human resources, tax laws, business location, target markets, and social, environmental, and legal issues. The focus will also be on communication skills, management styles, initiative, creativity, flexibility, and problem solving techniques.

English



Department Teachers:

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Course	Freshman	Sophomore	Junior	Senior
English 9 *or* English 9 Honors	R			
English 10 *or* English 10 Honors		R		
English 11			+R	
Intro to College Writing & Reading			+R*	E*
English 12			E	E
Greek & Roman Mythology	E	E	E	E
World Mythology	E	E	E	E
Speech		E	E	E
Newspaper Production	E	E	E	E
AP English Language			+R	E
AP English Literature			E	E

E = Elective and the year student is eligible for the course
R = Required and the year student is eligible for the course
(+) = Alternate Junior English requirement option
(*) = Transcripted Dual College Credit option

ENGLISH 9

Prerequisite: none
Credit: 1.0
Grades: 9

This English course helps students find pleasure in reading and writing. Students will be encouraged to think critically about works of literature from various genres as well as making relevant connections to their own lives to enhance their understanding and comprehension. This course will also teach students how to develop arguments based on close analysis of the required readings. Students will learn how to express their own ideas in accordance with MLA format guidelines. Additionally, students will be responsible to improve their public speaking skills as well as the ability to develop active listening skills. This course focuses on developing reading, writing, speaking, and listening skills.

HONORS ENGLISH 9

Prerequisite: Consent of Instructor
Credit: 1.0
Grades: 9

This course rigorously engages students in critical analysis of literature with an emphasis on the contemporary world. It includes intensive study of representative works of literature from various genres and requires careful deliberative reading. Writing assignments focus on the critical analysis of literature and include analytical and argumentative essays that reinforce student reading with complexity and sophistication. Additionally, this course will prepare students to present high-quality oral presentations as well as developing active listening skills. Students will create portfolios that will include revisions of their own work so they can monitor their growth throughout the semester.

ENGLISH 10

Prerequisite: English 9
Credit: 1.00
Grade: 10

Students in the tenth grade will focus on improving composition, reading, and research skills. Readings will come from literature around the world and includes: Inherit the Wind, by J. Lawrence and R.E. Lee; Anthem, by Ayn Rand; Feed, by M.T. Anderson; Twelve Angry Men, by R. Rose and The Book Thief, by M. Zusak. Through the study of the archetypes of storytelling students will understand how many cultures share the same stories. Genres of literature studied will also include drama, science fiction, fantasy and autobiography.

HONORS ENGLISH 10

Prerequisite: Honors English 9 or Consent of Instructor
Credit: 1.0
Grades: 10

Students in Honors Sophomore English will be exposed to a wide range of both classic and contemporary literature including short selections of essays, poetry, novels, and drama. The course stresses critical thinking skills of analysis, evaluation, and synthesis through extensive reading, discussion, and composition. Students will also begin the understanding of rhetoric. Students will cover a variety of composition styles including personal narrative, literary analysis, argumentative essay, synthesis essay (research based writing) and rhetorical analysis. This class is designed to increase the rigor and pacing of the regular sophomore curriculum and to prepare students for AP Language and Composition. Students must maintain a C or higher to remain in the course.

ENGLISH 11

Prerequisite: English 10
Credit: 1.00
Grade: 11

This course is a study of American writers from 1650-1946. Students will be reading from the anthology "The American Experience and the Elements of Language." Outside novel reading relating to units covered will also be a part of this course. Novels included are: Into the Wild, by Jon Krakauer; The Adventures of Huckleberry Finn, by Mark Twain; The Great Gatsby, by F. Scott Fitzgerald. We will trace American literature and its development through the examination of the social, economical, and philosophical issues of the various time periods. Students will be expected to read with intensity, write formally and informally, discuss, research, present, and apply their understanding through a variety of assignments.

INTRO TO COLLEGE WRITING AND READING COURSE

Prerequisite: English 10
Credit: 1.0 + 6 Madison College Credits
Grades: 11 and 12

This course is designed to prepare students for successful completion of a college level composition and reading strategies course. This course teaches students the skills needed to approach, navigate, and comprehend their course textbooks as well as other college level readings such as essays, articles, arguments, documents, etc.. The course focuses on enhancing college reading and study techniques and offers students extended practice in applying these strategies to a variety of college-level materials. Through multiple revisions and workshops, students will acquire writing process awareness, self-advocacy skills for understanding and managing assignments, and information literacy skills to prepare them for college writing. Emphasis will be placed on developing the critical thinking and reading skills as well as building the vocabulary necessary to be successful college readers and writers. Upon successful completion of this course (C or better), s*tudents will earn 3 credits for College Reading Strategies and 3 credits for Intro to College Writing.*

ENGLISH 12

Prerequisite: English 11
Credit: 0.5
Grades: 11-12

Technical reading and writing is a natural partner to academic reading and writing. It is descriptive, creative, and expository, but the format is specific. This course is designed to train students to communicate essential information, improve organizational skills, job skills, problem solving, self-confidence, and successful relationships while utilizing multiple communication techniques. An action research project will be the culminating assessment. Examples of other assignments would be: a variety of reviews and business correspondents.

NEWSPAPER PRODUCTION

Prerequisite: None
Credit: 1.0 (.5 English Credit and .5 Business Credit)
Grades: 9-12

Students in this course will function as a newspaper staff to produce, design, publish, and distribute the school newspaper by becoming reporters, writers, photographers, copy editors, layout editors, and financial managers. By better understanding the different purposes of media and participation in the creation ourselves, we can understand how the media may influence the local community and beyond. Students will hone writing techniques for a variety of journalistic purposes, as well as discuss current events, coverage ideas, etc. Integrity selling will be used to build relationships with businesses in the community in order to sell advertisements, and students will be responsible for the financial solvency of the newspaper. Students will become proficient in the following computer programs: Microsoft Word 2010, Adobe Indesign, Adobe Photoshop, and Adobe Illustrator. *Students will be required to cover both community and school events outside of school hours.

SPEECH

Prerequisite: None
Credit: .50
Grades: 10-12

Do you want to improve your public speaking? In frequent surveys asking what scares us the most, well, speaking in front of others does. That's why we all need to take this course to learn techniques that reduce our fears, increase our confidence, and practice different speaking formats. Not only will we practice and polish a variety of speaking strategies such as the personal experience, demonstration, and persuasive speech, we will also challenge ourselves with exciting timed impromptus, "know nothing" acceptance speeches, and "um" challenges. This is one class you will not want to miss! After all, you will be speaking the rest of your life, so why not learn the tricks of the trade now?

GREEK & ROMAN MYTHOLOGY

Prerequisite: None
Credit: .5
Grade: 9-12

Students in this course will explore Greek and Roman mythology. We will study stories of gods and heroes in order to analyze the cultural values and beliefs those stories convey. Students will read from such classic works as Edith Hamilton's *Mythology*, *The Aeneid*, Ovid's *Metamorphoses, Aesop's Fables,* and several others. Script-stories (Reader's Theater) will be a frequent mode of instruction in this course. The study of Greco-Roman myths in particular will strengthen student understanding of the English language, as many modern English words were derived from Greek and Roman languages. Students will examine the influences of myths on both classical and modern literature, art, and film.

WORLD MYTHOLOGY

Prerequisite: None
Credit: .5
Grade: 9-12

Students in this course will explore European, Native American, African, and Asian mythology. We will study stories of gods and heroes in order to analyze the cultural values and beliefs those stories convey. Students will read from such classic works as *Beowulf, The Legend of King Arthur and His Knights, Tristan and Isolde,* and *Arabian Nights.* Script-stories (Reader's Theater) will be a frequent mode of instruction in this course. The study of Norse (Viking) myths in particular will strengthen student understanding of the English language, as many modern English words were derived from early Germanic languages. Students will examine the influences of myths on both classical and modern literature, art, and film.

AP ENGLISH LANGUAGE AND COMPOSITION

Prerequisite: Honors English 10; or College Writing/Reading; or English 11 and Consent of Instructor
Credit: 1.0
Grade: 11-12

AP Language focuses on the developing reading, analytical, argumentative, and writing abilities. This class sets rigorous expectation for students. To reach the goals for the course students will be expected to commit a great deal of time outside of class reading and writing. Through reading The Glass Castle, Brave New World, and 1984, students are exposed to a variety of literature from several different cultural and historical movements. Writing analytical and argumentative essays is essential for success in college. The types of essays that students will be required to write will prepare them for writing essays in most college classes. Some essays will be written in a timed setting. We strongly encourage students to take the AP Language and Composition exam in May (optional, approximately $90-100).

AP ENGLISH LITERATURE AND COMPOSITION

Prerequisite: Honors English 10; or College Writing/Reading; or English 11 and Consent of Instructor
Credit: 1.0
Grade: 11-12

This course offers an intensive study of novels, plays and poetry through various genres and literary periods. The reading builds on the literature read in other English classes. Students taking this class need to be comfortable in reading works from the 16th century to the twenty-first century. AP Literature offers the student the chance to experience, interpret and evaluate literature. Novels and plays studied in this course include Pride and Prejudice, Streetcar Named Desire, Hamlet, The Picture of Dorian Gray and Their Eyes Were Watching God. The bulk of the writing in this course will focus on writing critically. The essays written reinforce a student's reading. Some essays will be written in class and other will be written out of class through multiple drafts. To read with understanding, to appreciate and enjoy a range of literary works, to think critically and to write effectively are goals that require hard work and commitment. We strongly encourage students to take the AP English Literature and Composition exam (optional, approximately $90-100).

Family Consumer & Health Science

Department Teacher:

Teresa Gartley
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Course	Freshman	Sophomore	Junior	Senior
Culinary Arts I	E	E	E	E
Culinary Arts II	E	E	E	E
Exploring Medical Careers	*E	*E	*E	*E
Medical Terminology			*E	*E
Child Development & Family Studies	E	E	E	E
Personal Finance & Careers	R	R	R	R
Certified Nursing Assistant- CNA				*E
Work Experience/Youth Apprenticeship			E	E

E = Elective and the year student is eligible for the course
R= Required and the year student is eligible for the course
(*) = Transcripted College Dual Credit option

FAMILY CONSUMER & HEALTH SCIENCE COURSES

Family Consumer and Health Science courses are matched to career clusters and aim to prepare students for college and careers by aligning course goals and objectives to National and State Family Consumer, Health Science Standards, the Common Core, 21st Century Skills and DWD Common Work Skills. Youth Apprenticeships and other work-based learning programs are available to students enrolled in CTE courses.

Hospitality and Tourism Pathway

Hospitality and tourism encompasses the management, marketing and operations of restaurants and other facilities and services including lodging, attractions, recreations events and travel-related services.

CULINARY ARTS I

Prerequisite: None
Credit: .50
Grades: 9-12

If you like food this class is for you! Building food preparation and employability knowledge and hands- on skills is the base of this course. Course units include: Hospitality and Tourism careers, food and work smart skills, kitchen essentials skills (measurements, vocabulary, cooking methods and techniques etc.), breakfast cookery etc. Field trips include the Kalahari Resort and Convention Center and Second Harvest Food Bank. Students can expect to have food labs regularly and often participate in lab team food competitions, such as Iron Chef. Because the Prostart curriculum developed by the National Restaurant Association is used for this course; students interested in the Hospitality and Tourism career pathway can take additional courses to complete their Prostart Certification and apply for the Youth Apprenticeship Program.

CULINARY ARTS II

Prerequisite: Culinary Arts I suggested
Credit: .50
Grades: 9-12

This course builds on skills acquired in Culinary Arts I and is best taken after Culinary Arts I. This course is also largely hands on skill development including Pastry Arts; yeast breads, quick breads, cakes and decoration skills, advanced cookie preparations, chocolates and candies, and desserts. Bakery owners will teach students decoration skills and help with the Cupcake Wars food competition. Students will also run a small bakery business to introduce them to business concepts. Other units include knowledge and skills working with meat, poultry and seafood, soups and sauces, produce and grains. Field trips include a Chocolatier, Vanilla Bean, Hy-Vee and Madison College Culinary and Pastry Arts programs with a formal lunch in the gourmet dining room. This course also utilizes Prostart curriculum and is a base for their certification and the Youth Apprentice Hospitality and Tourism Program.

CTE INDEPENDENT STUDY- Prostart and or Servsafe Food Handlers and/or Managers Certification

Prerequisite: Culinary Arts I and II
Credit: .50
Grades: 10-12

Through our Work Based Learning Program students having completed Culinary Arts I and II may apply to complete their Prostart Certificate though the Youth Apprenticeship Program and or complete the ServSafe Food Handlers or Food Managers independent study/ online course with ServSafe. Students completing the course must pass the state exam to earn their 5 year credential in food safety handling or management. Students 16 year and older are eligible for this course. This course option is managed by our School to Career Coordinator.

Health Sciences Pathway

Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development are all functions of health science careers. As a junior or senior you can apply to the Health Science Youth Apprenticeship Program to start in an entry level career preparation as a Certified Nursing Assistant, Pharmacy Technician, Medical Assistant, or other specially designed program managed by our School to Career Coordinator.

EXPLORING MEDICAL CAREERS

Prerequisite: None
Credit: .50 + 2 Madison College Credits
Grades: 9-12

Medical Career opportunities are in high demand! If you can't name many medical/related careers other than doctor or nurse this introductory Madison College course is worth your time! In addition to exploring what it means to work in health care in the 21st century time is spent taking a glimpse at up to 250 different careers at all different levels of training. Through class activities, guest speakers, field trips, and job shadows you will "try on" aspects of different medical careers and decide if it is for you!

MEDICAL TERMINOLOGY

Prerequisite: None
Credit: 1.0 + 3 Madison College Credits
Grades: 11-12

If you are considering a skilled career in health care you will need to know and use the medical language. Medical terminology focuses on the component parts of medical terms: prefixes, suffixes and word roots. Students practice formation, analysis and reconstruction of terms. Emphasis is on spelling, definition and pronunciation. Introduction to operative, diagnostic, therapeutic and symptomatic terminology of all body systems, as well as systemic and surgical terminology, is included. Medical Terminology is a college course taught by a college approved instructor, taken in your high school classroom.

CERTIFIED NURSING ASSISTANT

Prerequisite: None
Credit: 1.0 + 3 Madison College Credits
Grades: 12

The Nursing Assistant Program prepares students for employment as nursing assistants. Students learn communication skills, basic nursing and personal care skills, client rights, and care of clients with dementias. A supervised clinical experience with direct client care is a major component of the course. This program is recognized by the Department of Health Services as a nurse aide training program. Upon successful completion of the program, students are eligible for certification testing (written & skills) for the Wisconsin Nurse Aide Registry. (Note: additional fee and process.) Certification is required for employment in nursing homes, hospitals, home health agencies, hospices and care of the developmentally disabled.

Human Services Pathway
Employment in human services focuses on families and human needs. Students interested in education, child care, counseling, family therapy, consumer services, social services etc. should look at courses in this pathway.

CHILD DEVELOPMENT & FAMILY STUDIES

Prerequisite: None
Credit: .50
Grades: 9-12

This course has been redesigned to introduce students to careers involving children and families and the knowledge, skills and attitudes that create success in the human service pathway. Families remain a powerful influence in our development and life satisfaction. Topics include an understanding of the structure, function, roles and life cycle changes found in diverse family systems, examination of the forces that affect mate selection, mixed marriages and issues of race, domestic violence, communication gender differences, roadblocks, marital adjustment, the role of conflict, and marriage counseling, marriage law, aspects of wedding planning. Working with children requires knowledge and skills pertaining to growth, development and assessment of children from birth through the school years. You will gain hands on skills identifying and applying child development milestones assisting teachers and interacting with children in different preschools, daycare settings as well as going out in the community to learn about programs and services that help families. If you see yourself as a teacher, psychologist, therapist, social worker, case worker or any profession that serves children, families or senior citizens take this course.

CTE INDEPENDENT STUDY: Early Childhood

Prerequisite: Child Development & Family Studies
Credit: .50
Grades: 10-12

Through our Work Based Learning Program students interested in a career working with young children to apply for this class. Students are placed in a non-paid semester or year-long job shadow with our school partners, Belleville Early Learning Center, Belleville Elementary or Intermediate School staff. Additionally, students work to complete Introduction to the Child Care Profession (44 hours) Independent Study course/certification. The course is broken into segments and the students completes units of study along with a weekly journal entry. This course is managed by our local School to Career Coordinator.

Finance Pathway
People working in finance are involved in developing services for financial and investment planning, banking, insurance and business financial management.

PERSONAL FINANCE & CAREERS

Prerequisite: None
Credit: .50
Grades: 9-12

This course will focus on career exploration and development while introducing personal finance information. Students will be provided with the knowledge and skills they need now and in their future to explore their personal financial values while making life-long decisions. Students will be introduced to everyday life skills such as balancing a checkbook, calculating net pay, budgeting income and expenses, the truth about credit cards, taxes, and more! Students will have the opportunity to examine postsecondary options and resources available for success. Employability skills, quality resume criteria, interviewing techniques, and career goals will also be covered. This practical "must take" course is required for all students.

WORK EXPERIENCE

Prerequisite: None
Credit: .50-1.0
Grades: 11-12

This program is for Juniors and Seniors in good standing interested in developing their employability skills. Students must have a paid job at least 10-15 hours per week before applying for work experience release and school credit. Once the application is complete and signed the class schedule is changed to allow for one block of work experience. Students are required to complete weekly work reports reflecting on one of the 16 employability skills and or life skills, and hours worked. Student's work skills are formally evaluated at least one time per semester with their supervisor, the STC coordinator and a parent(s). Students will earn either a Pass or Fail grade for work experience, those passing will also be eligible for an employability skills certificate from Department of Public Instruction to add to their resume and career portfolio. For more information or to apply see Mrs. Gartley, STC coordinator.

WORK BASED LEARNING PROGRAMS

Prerequisite: Concurrent course enrollment
Credit: .50-1.0
Grades: 11-12

Youth Apprenticeship- This 1 or 2 year program is sponsored by the Department of Workforce Development, and integrates school-based and paid work-based learning, to provide junior and senior students with employability and occupational skills; earning certifications from DWD, Department of Public Instruction and Business and Industry. Some of the courses are actual college courses and count toward a degree the student may finish after high school. Applications are being accepted and reviewed now. After the student is accepted; has appropriate career pathway courses (2-4); and a mentored paid job site (10-20 hrs./wk) with a signed training agreement- they are officially a Youth Apprentice. Students complete weekly work reports, document hours and participate in work evaluations which are part of the letter grade earned for each semester. Depending on the program/ job requirements youth apprentices may be released to work more than one block per semester. For more information contact Mrs. Gartley, STC coordinator.

Career Pathway	**Examples of Preparation Programs or Careers (Recent programs with local participants are in bold)**
Agriculture, Food and Natural Resources	• **Vet Technician/Assistant**, Groomer • Greenhouse Manager, Landscaper • Recycling Coordinator • Farm and Ranch Manager • Aquatic Biologist
Architecture and Construction	• Carpentry, **Electrical, Masonry**/HVAC, **Plumbing**/Sprinkler Fitting • Architectural Drafting and or Planning • Engineer
Arts, A/V Technology, and Communication	• Graphic Design • Commercial Printing • Binding and Finishing
Finance	• Accounting Services, Financial Advisor, Credit Analyst, Stock Broker • Billing Coordinator • Actuary, Insurance Sales Agent • Retail Banker, Bank Teller
Health Care	• **Certified Nursing Assistant (CNA),** Medical Assistant (MA), Pharmacy Technician • Informatics(Medical Office) • Medical Imaging, Laboratory –Phlebotomy, Optician/Optometry • Physical Therapy/Assistants, Dietary Technician/Dietitian
Hospitality, Tourism, and Lodging	• **Restaurant, Food and Beverage** • **Front Office** and Housekeeping • Reservations and Tour/Activities • **Marketing, Meeting and Event Planning** • Maintenance & Grounds
Information Technology	• **Information Technology Essentials** • Network Systems • Computer and Game Programming and Software Development • Web and Digital Communications
Manufacturing	• Engineering Technician • Industrial, Mechanical Engineers etc. • Tool and Die Maker • CNC Programmer • **Assembler**, Fabricator, Welder
Science, Technology, Engineering, and Math (STEM)	• **Biotechnology** • Engineering
Transportation, Distribution and Logistics	• Auto Collision Repair, Painting & Refinishing • Auto Technician, Diesel Technician • Marine, Small Engine, Aircraft Maintenance Technician • Transportation Director, Vehicle and Systems Inspector

Health & Physical Education

Department Teachers:

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Course	Freshman	Sophomore	Junior	Senior
9th Grade Health	R			
Lifelong Health and Wellness			R	R
Physical Education	E	E	E	E

E = Elective and the year student is eligible for the course
R= Required and the year student is eligible for the course
**Minimum graduation requirement of 1.0 PE and 1.0 Health.*

PHYSICAL EDUCATION

Prerequisite: None
Credit: .50
Grade: 9-12

Each "PE Activity" course provides a comprehensive fitness component that teaches a variety of aerobic & anaerobic conditioning activities designed to help students improve personal fitness now and in the future. In addition to the fitness component, both the Outdoor and Indoor courses introduce students to a wide range of activities, sports and games. Rules, skills, strategies, and etiquette, as well as proper use and care of equipment are taught and practiced.
A major focus in the Health and PE department is for students to learn and enjoy the wide range of activity available for healthy living. Because of this focus on healthy living and wellness the Health & PE departments strongly recommend students take a minimum of one PE "activity" course in each of their four years of high school.

A $5 - $20 fee (Bowling and Golf) may be needed for participation in this course.

9th GRADE HEALTH

Prerequisite: None
Credit: .50
Grade: 9

The Ninth Grade Health class offers a fitness component involving classroom instruction focusing on lifetime participation, fitness and wellness. The course will also offer units on Human Growth and Development, Bullying, Conflict Resolution, Stress Management and Mental Health, Alcohol and Other Drug Awareness, Personal Health Issues, Compression only CPR and First Aid.

LIFE LONG HEALTH AND WELLNESS

Prerequisite: None
Credit: .50
Grade: 11-12

This course is designed to provide students the opportunity to examine and increase their knowledge and awareness of healthful living. Students are encouraged to share their thoughts, ideas and concerns in discussion. A major objective of this course is for students to take responsibility for their personal health and well-being for a lifetime.

Some of the units covered include Wellness & Disease, Nutrition, Mental Health, Human Growth and Development, and Family Life. Students are required to complete a term project that is a major component of their overall grade. Details regarding this project as well as a complete syllabus for the course can be obtained by accessing the Belleville Home Page.

Math

Department Teachers:

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Josh Martin
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Course	Freshman	Sophomore	Junior	Senior
Algebra IA and Algebra IB	R+	R+		
Algebra I	R+			
Intermediate Geometry		R+	R+	
Geometry	R+	R+	R+	
Intermediate Algebra			*E	*E
Algebra II	E	E	E	E
Pre-Calculus		E	E	E
Calculus			E	E
AP Calculus			E	E
Statistics		E	E	E

E = Elective and the year student is eligible for the course
R= Required and the year student is eligible for the course
(+) = Alternate requirement option.
(*) = Transcripted College Dual Credit Option

ALGEBRA 1A
Prerequisite: None
Credit: 1.00
Grades: 9th
Requirements: Scientific calculator

Algebra 1A and Algebra 1B are the equivalent of Algebra I, however the material is spread out over 2 years of instruction in order to make it more accessible. Algebra 1A is the first course and Algebra 1B is the second. Students study the concepts of Algebra I but at a pace which demands less rigor and allows for more review.

ALGEBRA 1B
Prerequisite: Algebra 1A
Credit: 1.00
Grades: 10th
Requirements: Scientific calculator

Algebra 1A and Algebra 1B are the equivalent of Algebra I, however the material is spread out over 2 years of instruction in order to make it more accessible. Algebra 1A is the first course and Algebra 1B is the second. Students study the concepts of Algebra I but at a pace which demands less rigor with more review.

ALGEBRA I
Prerequisite: None
Credit: 1.00
Grades: 9
Requirements: Scientific calculator

Topics of Algebra I include open sentences, rational number operations, systems of equations, graphing of linear functions, polynomials, factoring, algebraic fractions, exponents, radicals, quadratic conditions, and can include computer and calculator activities.

INTERMEDIATE GEOMETRY
Prerequisite: Algebra I OR Algebra 1A and 1B
Credit: 1.00
Grades: 10-12
Requirements: Scientific calculator

In Intermediate Geometry, the students will define, recognize, and understand basic geometric terms and concepts. They will use geometric tools to construct and measure basic geometric figures and illustrate concepts. Connections will be made between algebra and geometry. Angle and side relationships will be studied and applied. Geometric formulas will be applied appropriately in given situations.

GEOMETRY

Prerequisite: C- or better in Algebra I OR consent of instructor
Credit: 1.00
Grades: 9-12
Requirements: Scientific calculator

This course presents the fundamentals of geometry in both traditional (Euclidean) and analytic (coordinate-based) settings. This course also introduces students to the standard principles of logic and proof. This course visits the concepts of (but not limited to) parallel and perpendicular lines, congruent triangles, quadrilaterals, similarity, Pythagorean Theorem, right triangle trigonometry, and the area, surface area and volume of solids. Throughout the course examples and problems reinforce skills from Algebra I.

INTERMEDIATE ALGEBRA

Prerequisite: Geometry or Intermediate Geometry
Credit: 1.00
Grades: 11-12
Requirements: Scientific calculator

Note: This class is the equivalent of Madison College's Elementary Algebra with Applications.

Intermediate Algebra is a classroom-based course which studies algebra topics with applications. This class will ask students to do daily work, take accurate and thorough notes, and pass tests. This class is meant to bridge Algebra 1 and Algebra II, targeting students who may need a bit more time to refine algebraic skills. In addition students who maintain a C for both terms and get a C on a final exam approved by Madison College will earn 3 Madison College credits.

ALGEBRA II

Prerequisite: C- or better in Geometry; Intermediate Algebra; OR consent of instructor
Credit: 1.00
Grades: 10-12
Requirements: Graphing calculator (TI-84 recommended)

Algebra II is the third sequence course in the math program: Algebra I, Geometry, Algebra II.

This course is strongly recommended for college-bound students and is a continuation of the concepts taught in Algebra I. The fundamental concepts taught in Algebra I are reviewed and extended. Other topics include functions, polynomials, polynomial equations, techniques for solving quadratic equations (factoring, completing the square, and the quadratic formula), radical expressions and equations, exponential, logarithmic and rational functions, laws of exponents, and complex numbers.

PRE-CALCULUS

Prerequisite: C- or better in Algebra II OR consent of instructor
Credit: 1.00
Grades: 11-12
Requirements: Graphing calculator (TI-84 recommended)

This is the fourth course in the math department and is designed for college-bound students wishing to enter college at the Calculus level or move on in high school to the Calculus course. Students should be prepared for a rigorous math program and should be well prepared in mathematics as well as motivated to succeed. Trigonometry is a component of this course.

CALCULUS

Prerequisite: C- or better in Pre-Calculus OR consent of instructor
Credit: 1.00
Grades: 11-12
Requirements: Graphing calculator (TI-84 recommended)

The Calculus course includes functions, limits, differentiating, applying the derivative, indefinite integrals, definite integrals, integration application and volumes of revolution. Students entering this class should possess strong math abilities plus a strong motivation to succeed. This is a college-level course taught at a high school pace. This course is a precursor to Advanced Placement Calculus.

CALCULUS/AP CALCULUS

Prerequisite: C- or better in Pre-Calculus OR consent of instructor
Credit: 2.00
Grades: 11-12

The AP Calculus course includes a review of functions, limits, differentiating, applying the derivative, indefinite integrals, definite integrals, integration application and volumes of revolution. This course is intended for students who wish a college-level, rigorous math class. Emphasis is placed on strategies and tactics for taking the Advance Placement Test in the spring. Students may earn college credit for this class by taking the AP test and earning a certain score (optional, approximately $80-90).

STATISTICS

Prerequisite: C- or better in Algebra II OR consent of instructor
Credit: 1.00
Grades: 10-12
Requirements: Graphing calculator (TI-84 recommended)

This course is in the math department but actually is intended for students who are interested in math, science, business, and information technology. The Statistics class is not in the math sequence so students are not required to take math prerequisites. However, it is suggested that students do not take this course until they are in or past Algebra II. The focus of this class is the understanding and analysis of data. Students will do a combination of math, reading and writing. Emphasis will also be on vocabulary terms and the calculator to analyze data.

Music

Department Teachers:

Sara Krueger
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Stephanie Meir
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Course	Freshman	Sophomore	Junior	Senior
Concert Choir	E	E	E	E
Women's Choir	E	E	E	E
History of Popular Music	E	E	E	E
Symphonic Band	E	E	E	E

E = Elective and the year student is eligible for the course

CONCERT CHOIR

Prerequisite: None
Credit: 1.00
Grades: 9-12

Concert choir is a performance-based class. Students will learn music theory, vocal technique, and various musical styles. Students are expected to participate in seasonal concerts, 2 lessons per term, and the District Choral Festival. Participation in Solo and Ensemble and Honors Choir is voluntary.

WOMEN'S CHOIR

Prerequisite: None
Credit: 1.00
Grades: 9-12

This performance ensemble is open to all Belleville high school female students who have the desire to sing. Emphasis is on singing, reading music, and building vocal skills through the choral music experience. Music is selected from, but not limited to, Renaissance through contemporary styles, sacred, secular, Broadway, vocal jazz, pop, and light classics. Students perform two concerts a year.

HISTORY OF POPULAR MUSIC

Prerequisite: None
Credit: 1.00
Grades: 9-12

This course is designed to develop an understanding of the evolution of music and musical styles. In addition to this, the class is designed to help students develop an understanding of the elements of music and how these elements are employed by composers across styles, cultures and different time periods in history. Students will enjoy music from the 1950's through today. Other basic topics include: musical terms, the instruments of the rock band, and recording and producing.

SYMPHONIC BAND

Prerequisite: None
Credit: 1.00
Grades: 9-12

Symphonic Band is a performance-based class that will teach students the fundamentals of playing, music theory, and music history. In addition to the concert band material the students will be studying, students are also expected to participate in pep band during the football, volleyball, and basketball season. The band will also march in local parades and perform a marching halftime show at Homecoming. Students are also expected to attend three lessons per term. Band may be taken all four years or any portion thereof.

Students who have had little or no previous musical training must seek permission from the instructor prior to scheduling.

JAZZ ENSEMBLE
(Extra Curricular)

Jazz Ensemble meets before school on Tuesday and Wednesday mornings from 7:00 – 7:45 A.M. Students will not receive credit for participation, but will have the opportunity to perform around the community and attend jazz festivals and workshops. Students participating in jazz band will perform music from many different jazz genres such as: Swing, Latin, Rock, Funk, Ballad, and Shuffle. Students will also learn about jazz history and improvisation.

Students must be enrolled in band for at least a semester during the school year to participate. Students who are not enrolled will only be accepted per instructor approval.

MIXED VOCAL JAZZ ENSEMBLE
(Extra Curricular)

Mixed Vocal Jazz is an auditioned group that meets on Thursday and Friday mornings from 7:00-7:45am. Auditions are held the first week of school. This group has the opportunity to perform in the community as well as attend the Solo/Ensemble festival.

Science

Department Teachers:

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Course	Freshman	Sophomore	Junior	Senior
Physical Science	R			
Biology		R		
Anatomy & Physiology			E	E
Chemistry			E	E
AP Chemistry			E	E
AP Physics 1			E	E
AP Environmental Science		E	E	E
PLTW: Principles of Engineering/Physics		*E	*E	*E
Veterinary Science – ES (see AG Dept.)		E	E	E
Environmental Science – ES (see AG Dept.)		E	E	E
Plant Science – ES (see AG Dept.)		E	E	E
Animal Science – ES (see AG Dept.)			*E	*E

E = Elective and the year student is eligible for the course
R = Required for graduation
(*) = Transcripted College Dual Credit Option

PHYSICAL SCIENCE

Prerequisite: None
Credit: 1.0
Grade: 9

This laboratory-oriented course emphasizes individual development and teamwork. Basic chemical and physical concepts are investigated through laboratory and classroom exercise. The content of this course provides a foundation for all other science options.

BIOLOGY

Prerequisite: Physical Science
Credit: 1.0
Grade: 10

Biology begins with a consideration of the living creature and continues with molecular and cellular biology, moves into reproduction and genetics. This leads to the study of ecological relationships between man, plants and animals. *Required in 10th Grade.

ANATOMY AND PHYSIOLOGY

Prerequisite: Physical Science & Biology
Credit: 1.0 + 4 Blackhawk Tech Credits
(Students who earn a C or better, will also earn 4 credits through Blackhawk Technical College.)
Grade: 11-12

Anatomy and Physiology is intended for students interested in exploring health care professions. Students will examine, in detail, the structure and function of all major systems of the human body (skeletal, muscular, cardiovascular, respiratory, digestive, integumentary, nervous, urinary, endocrine, lymphoid, and reproductive). Students will learn medical terminology relevant to each unit. Current events and potential impacts on animal and plant life will be discussed. A major focus of the course is hands-on activities in the laboratory and will include a small animal dissection. Students can earn 4 transcripted credits through Blackhawk Technical College upon successful completion (C or better) of the course.

CHEMISTRY

Prerequisite: Biology
Credit: 1.0
Grade: 11-12

This general chemistry course will teach the basics behind the material learned in a typical first semester chemistry class. You will study the atom and its electrons, the periodic table and its trends, molar conversions, stoichiometry, types of reactions including basic oxidation-reduction reactions, properties of different types of matter, colligative properties, and many more topics. This class will provide you with a solid foundation of chemistry for the future and how it applies to the world at large. This class will help you to develop critical thinking skills that are necessary in all parts of life through homework, tests, labs, and activities.

AP CHEMISTRY

***Year Long Course 1st Semester A and 2nd Semester B**
Prerequisite: Biology & Consent of Instructor
Credit: 2.0
Grade: 11-12

The majority of the topics covered in Chemistry will be covered in more depth during this. Additional topics not covered in Chemistry will also be covered in order to prepare for the AP Chemistry exam. The laboratory experiences will be more quantitative in nature compared to Chemistry and the lecture material will be more intense. Upon completion of this course students will be prepared to take the AP Chemistry exam that enables them to receive up to 10 college level credits in chemistry. Through labs, lectures, and homework this course will: develop theoretical concepts, utilize numerous problem solving techniques, and provide an intense laboratory experience using problem solving and the concepts learned throughout the course. Examples of topics covered include VSEPR theory, gas laws, chemical nomenclature, periodic trends, chemical reactions, stoichiometry, thermochemistry, kinetics, equilibrium, acids and bases, thermochemistry, and electrochemistry. After the AP exam topics covered might include biochemistry, organic chemistry, and nuclear chemistry.

AP PHYSICS 1

Prerequisite: Successful completion of two laboratory science courses, plus Algebra, and Geometry.
(It is recommended that students will have successfully completed Algebra II. Students can enroll in AP Physics 1 while concurrently enrolled in Algebra II with instructor consent.)
Credit: 1.0
Grade: 11-12

AP Physics 1 is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. Students will spend a significant amount of time completing hands-on laboratory work.

This course will be run concurrently with General Physics. The students enrolled in AP Physics 1 will be required to complete additional coursework and lab work. Much of this extra AP required work will be covered in a daily extended 30 minute block, which will run for the duration of the school year.

AP ENVIRONMENTAL SCIENCE

Prerequisite: Successful completion of Physical Science and Biology/Life Science, plus Algebra, and Geometry.
(It is recommended that students will have successfully completed or are enrolled in Algebra II.)
Credit: 1.0
Grade: 10-12

The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and

methodologies required to better understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental Science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography. Students will spend a significant amount of time completing hands-on laboratory work and field investigations.

PLTW: PRINCIPLES OF ENGINEERING/APPLIED PHYSICS

Prerequisite: Successful completion of Physical Science and concurrent college level math course.
Credit: 1.0 + *College credit is possible for this course through Milwaukee School of Engineering (MSOE) or St. Cloud State University (SCSU). Credits are transferable to partner PLTW Universities around the country, including the UW-System.*
Grades: 10-12

Applied Physics-PLTW Principles of Engineering is a high school-level survey course of engineering and applied physics. The course exposes students to some of the major concepts that they will encounter in postsecondary physics and engineering courses. Students have an opportunity to investigate engineering and high tech career POE gives students the opportunity to develop skills and understanding of course concepts through activity, project, and problem-based learning. Used in combination with a teaming approach challenges students to continually hone their interpersonal skills, creative abilities, and problem solving skills based upon engineering concepts. It also allows students to develop strategies to enable and direct their own learning.
To be successful in POE, students should be concurrently enrolled in college preparatory mathematics and science. Students will employ engineering and scientific concepts in the solution of engineering design problems. Students will develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges. Students will also learn how to document their work and communicate their solutions to their peers and members of the professional community.
Principles Of Engineering is the second foundation course in the Project Lead The Way high school engineering program. The course applies and concurrently develops secondary level knowledge and skills in mathematics, science, and technology.

Social Studies

Department Teachers:

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Course	Freshman	Sophomore	Junior	Senior
World Geography Studies	R			
Civics	R			
World History		R		
United States History			+R	
AP United States History			+E	E
Multiculturalism		E	E	E
Public Issues		E	E	E
Economics		E	E	E
Psychology		E	E	E
AP Psychology		E	E	E
AP United States Government and Politics		E	E	E

E = Elective and the year student is eligible for the course
R = Required and the year student is eligible for the course
(+) = AP US History may be taken as the US History requirement

WORLD GEOGRAPHY STUDIES

Prerequisite: None
Credit: 0 .5
Grades: 9

This course is dedicated to the study of people, places and the environment from a physical and cultural perspective. Each unit of study will use a variety of learning approaches to evaluate economic, political, and cultural factors that either unite or fragment regions. Students will gain an appreciation and understanding of the interdependent world in which they live. Units include: Latin America, Europe, North Africa/Southwest and Central Asia, and Sub-Saharan Africa.

CIVICS

Prerequisite: None
Credit: 0.5
Grades: 9

This course is designed to provide students with greater knowledge and understanding of our political institutions. The class will begin with learning about the three branches of our federal government and the freedoms, rights, and liberties guaranteed to us through the Bill of Rights. Throughout the course, students will explore not only the framer's intent of the U.S. Constitution but also how the document has changed through formal and informal amendments. Students will also explore the role the Supreme Court in interpreting the Constitution through historical and modern issues. Other topics taught will include how public opinion and political ideology form on current events, political socialization, and the role of political parties.

WORLD HISTORY

Prerequisite: None
Credit: 1.0
Grade: 10

Students will develop an understanding of the world outside the United States and learn how we are all connected. This class will cover history from six continents and span thousands of years. Students will have the opportunity to show their knowledge in a multitude of ways including on written tests, papers, projects, and presentation.

UNITED STATES HISTORY

Prerequisite: None
Credit: 1.0
***Grades: 11-12 (Students may meet this requirement by taking AP U.S. History)**
U.S. History covers our nation's development from Reconstruction to the present. This course focuses on giving students the ability to see situations from the perspectives of historical actors. Some of these perspectives include former slaves, westward pioneers, industry tycoons and their workers, American soldiers, recent immigrants and politicians.
Students will study primary and secondary sources from the times studied and will frequently tie historical lessons to current events. The knowledge gained in this class will allow students to be intelligent, active participants in our democratic society. Students meet the U.S. History requirement by taking AP U.S. History, but social studies department recommends that students take this course as preparation for the AP course.

AP UNITED STATES HISTORY

Prerequisite: None
Credit: 1.0
Grades: 11-12 (Fulfills the requirement for US History)

Advanced Placement United States History (APUSH) provides students with an intensive survey of American history, from exploration and colonization to the 21st Century. This is a demanding course that goes beyond the memorization of facts to the interpretation and analysis of historical data and writings. Skill development includes the interpretation of maps, graphs, charts, political cartoons, and primary documents. AP United States History blends a chronological and thematic approach to the study of U.S. History through lecture, readings, and in-class discussions. The course is designed to prepare students for successful passage of the AP College Board exam in May (optional, approximately $90-100).

MULTICULTURALISM

Prerequisite: None
Credit: 0.5
Grades: 10-12

The United States is a diverse nation, yet the voices of her people are not always heard, the contributions of her cultures are not always acknowledged, and the experiences of her past are not always recognized. In this course, students will explore cultures, identify ancestral roots, learn about American immigration, study minority group experiences, investigate prejudice, and unite in a celebration of differences and similarities. Multiculturalism will give students a greater appreciation of the variety of cultures that have made lasting contributions in the history of the United States.

PUBLIC ISSUES

Prerequisite: None
Credit: 0.5
Grades: 10-12

This course is a social studies elective course. This course will focus on the political structure of the United States. We will spend each week analyzing the structure of the US Government, political parties, the US Constitution, and state and local government. Finally, we will then spend some time looking at current issues that are presenting themselves in the Unites States and how they fit into the framework of the government.

ECONOMICS

Prerequisite: None
Credit: 1.0
Grades: 10-12

How does money affect your life? What makes prices go up or down? Why do some jobs pay better than others? What are your options for saving for the future? Why do

you have to pay taxes? This one semester course explores how economic decisions affect us every day of our lives. Understanding economics means thinking about how scarcity, or limited resources, requires us to make choices and evaluate one option against others. The objective of this course is to equip the student with knowledge that is strongly rooted in economic principles so that he or she will be able to differentiate between economic models, understand issues pertaining to global and national economics, gain insight into choices that business must make and learn the importance of managing personal finances and planning for one's future financial security.

PSYCHOLOGY

Prerequisite: None
Credit: 1.0
Grades: 10-12

The Psychology course is designed to be a basic introduction to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to many principles associated with each of the major sub-fields within psychology. They also learn about the ethics, methods, and philosophy behind psychologists' use of various scientific processes.
The Psychology course will help students understand the basis of human behavior and learning. It begins with a look at the evolution of the science, research methods, and neuroscience. Then, after having built a foundation, students will explore personality, emotions, intelligence and language. Finally, students will explore causation for psychological disorders and possible treatment approaches.

AP PSYCHOLOGY

Prerequisite: None
Credit: 1.0
Grades: 10-12

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.
AP Psychology blends the social sciences with the natural sciences, providing students with a unique course that is applicable to a wide array of interests. Psychology provides students with a multifaceted approach to the study of human behavior. Psychology begins with a look at the evolution of the science, research methods, and neuroscience. After building a foundation, students will explore personality, emotions, intelligence and language. Finally, students will explore causation for psychological disorders and possible treatment approaches. The curriculum of psychology is applicable to a wide array of career interests and college majors.
The course is designed to prepare students for successful passage of the AP College Board exam in May (optional, approximately $90-100).

AP UNITED STATES GOVERNMENT AND POLITICS

Prerequisite: 9th grade Civics
Credit: 1.0
Grades: 10 and 12

This course will give students an analytical perspective on government and politics in the United States. The course is an intensive study of the formal and informal structures of government and the processes of the American political system, with an emphasis on policy-making and implementation. The course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. A general knowledge of institutions, groups, beliefs and ideas about U.S. government and politics is required for this course. Students will learn about the variety of theoretical perspectives and explanations of behaviors and outcomes. The material closely mirrors what would be covered in a college-level introductory course, and the purpose is to prepare students to successfully pass the AP College Board exam in May (optional, approximately $90-100).

Technical Education & Engineering

Department Teacher:

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Course	Freshman	Sophomore	Junior	Senior
Introduction to Trades	E	E	E	E
Advanced Trades		E	E	E
PLTW: Introduction to Engineering Design	E*	E*	E*	E*
PLTW: Computer Integrated Manufacturing		E*	E*	E*
PLTW: Principles of Engineering (*See Science Department)*		E*	E*	E*

E = Elective and the year student is eligible for the course
(*) = Transcripted College Dual Credit Option

INTRODUCTION TO TRADES

Prerequisite: None
Credit: 1.00
Grades: 9-12

An activity oriented course for those students who want to learn practical skills to maintain a future home, small engines and an automobile. Students will be engaged in group and individual activities to experience all facets of home maintenance issues. The design process will also have students use sketching and design to solve problems through computer aided drafting and design. Units of Study will include: 1. Basic Home Systems and Areas, 2. Measuring Tools and Instruments, 3. Basic Hand and Power Tool Identification, Safety and Usage, 4. Basic Wall Construction and Dry-Walling, 5. Basic Electricity Service, Repair and Terminology, 6. Flooring, 7. Design Process, 8. Sketching and Solid Modeling, 9. Basic Automotive Repairs and Services, 10. Careers and 11. Basic Small Engine Service and Repair.

ADVANCED TRADES

Prerequisite: Introduction to Trades
Credit: 1.00
Grades: 10-12 *students may take this course multiple times

This class will introduce the student to mass production planning and execution, along with more advanced design process skills. The student will assist in the selection, development, design and production of a mass production product. Basic material selection along with G&M code and CNC mill operation will be covered. Students will be required to work individually, and in small teams to complete various learning activities. The student will also research, develop, draw, plan and build at least one individual project in the class.
Units of Study will include: 1. General Shop Safety, 2. Safety Rules & Tests, 3. Student Machine Use, 4. Hand Tool Identification and Use, 5. Portable Power Tool Identification and Use, 6. Project/Prototype Development Design Process, 7. Project/Prototype Cost Estimation, 8. Fasteners, 9. Careers, 10. Precision Measuring, 11. Drawing/Blueprint reading and creation, 12. Bill of Materials, 13. CNC milling, 14. G&M code, and 15. Mass Production.

PLTW: INTRODUCTION TO ENGINEERING DESIGN

Prerequisite: Concurrent college level math.
Credit: 1.0 + *College credit is possible for this course through Milwaukee School of Engineering (MSOE) or St. Cloud State University (SCSU). Credits are transferable to partner PLTW Universities around the country, including the UW-System.*
Grade: 9-12

Introduction to Engineering Design is part of Project Lead the Way curriculum, which is a national organization that promotes pre-engineering courses for high school students. This course is recommended for any student pursuing any engineering career. Students will use team building and problem solving-skills by using the design and development process. Solutions are created, analyzed and communicated using 3D sold modeling software. Math and Science concepts are taught by practical hands-on applications.
Units of Study will include: 1. Design Process. 2. Technical Sketching and Drawing. 3. Measurement and Statistics. 4. Model Skills. 5. Geometry of Design. 6. Reverse Engineering. 7. Documentation. 8. Advanced Computer Modeling. 9. Design Team. 10. Design Challenges.

PLTW: COMPUTER INTERGRATED MANUFACTURING

Prerequisite: -PLTW Introduction to Engineering Design; OR PLTW Principles of Engineering; OR Advanced Trades and Instructor approval
- Concurrent college level math
Credit: 1.0+ *College credit is possible for this course through Milwaukee School of Engineering (MSOE) or St. Cloud State University (SCSU). Credits are transferable to partner PLTW Universities around the country, including the UW-System.*
Grades: 10-12

Computer Integrated Manufacturing is the study of manufacturing planning, integration, and implementation of automation. Students use 3-D computer software, Inventor, to solve design problems. The course explores manufacturing history, individual processes, systems, and careers. In addition to technical concepts, the course incorporates finance, ethics, and engineering design. The course is built around several key concepts: computer modeling, Computer Numeric Control (CNC) equipment, Computer Aided Manufacturing (CAM), Robotics and flexible manufacturing systems. This reflects an integrated approach that leading manufacturers have adopted to improve safety, quality, and efficiency. Computer Integrated Manufacturing is a high school level course that is appropriate for students interested in engineering, manufacturing and automation. CIM is one of the specialization courses in the Project Lead the Way high school pre-engineering program. The course applies and concurrently develops secondary-level knowledge and skills in mathematics, science, and technology.
Units of Study will include: 1. History of Manufacturing. 2. Control Systems. 3. Cost of Manufacturing. 4. Designing for Manufacturing. 5. How We Make Things. 5. Product Development. 6. Automation. 7. Elements of Power. 8. Robotic Programming. 9. CIM Systems. 10. Integration of Manufacturing Element.

World Language

Department Teachers:

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Course	Freshman	Sophomore	Junior	Senior
German I	E	E	E	E
German II		E	E	E
German III			E	E
German IV				E
German V				E
Spanish I	E	E	E	E
Spanish II		E	E	E
Spanish III			E	E
Spanish IV				E
Spanish V				E

E = Elective and the year student is eligible for the course
Most four-year colleges require 2.0 consecutive credits of Foreign Language with a C or better.

GERMAN I

Prerequisite: None
Credit: 1.00
Grades: 9-12

Students will learn to speak German using everyday vocabulary and simple sentence structures. In addition, students will explore the customs and cultures of the German-speaking countries and their people.

GERMAN II

Prerequisite: German I
Credit: 1.00
Grades: 10-12

Students will learn to handle every day survival tasks in German culture. New sentence patterns and more vocabulary will be introduced. German culture will continue to be discussed in class.

GERMAN III

Prerequisite: German II
Credit: 1.00
Grades: 11-12

Listening and speaking skills will be practiced while emphasis shifts to reading and writing. Students will read and discuss short stories and have the opportunity to write their own works.

GERMAN IV

Prerequisite: German III
Credit: 1.00
Grades: 12

Students will improve their listening skills with authentic videotapes. Students will also improve their writing and expand their vocabulary. New grammar is introduced and old grammar is reviewed. Students will also read several selections.

GERMAN V

Prerequisite: German IV
Credit: 1.00
Grades: 12

German V is not offered as a separate class in Belleville but is available to few highly independent and motivated students who wish to extend and enhance, via self-reliant study, their foreign language experience in German. This course may only be taken with the approval of the German Instructor.

SPANISH I

Prerequisite: None
Credit: 1.00
Grades: 9-12

Students will learn everyday language and simple sentence structures in order to communicate at a basic level in Spanish. Emphasis will be placed on pronunciation, listening and speaking in Spanish, basic grammar concepts, present tense verb conjugations, and customs of the Spanish-speaking world.

SPANISH II

Prerequisite: Spanish I
Credit: 1.00
Grades: 10-12

The focus will be communication skills including listening and speaking, grammar and writing skills, and reading short stories in Spanish. Student participation is essential for success in this class. The study of present tense verb forms will continue from Spanish I and the study of the past tense and commands is initiated.

SPANISH III

Prerequisite: Spanish II with a grade of C or better
Credit: 1.00
Grades: 11-12

In Spanish III, students will move toward thinking on their feet using Spanish. Students use thematic units, such as professions, storytelling, and traveling, to explore the Spanish language. Additionally, students read several short stories and expand their writing abilities to longer compositions.

SPANISH IV

Prerequisite: Spanish III
Credit: 1.00
Grades: 12

This class focuses on conversation and advanced grammar. Units include an investigation of bullfighting, an exploration of film in Spanish, and a study of current events in the Spanish-speaking world. Students will also have the opportunity to travel to the Art Institute in Chicago as the culmination of the art comparison unit. The spring semester focuses on preparation for the UW System Placement exam, on which students may earn up to 15 college-level retro credits.

SPANISH V

Prerequisite: Spanish IV
Credit: 1.00
Grades: 12

Spanish V is a project-based class in which students use their vocabulary and grammatical skills to create cultural research projects to share and discuss with their classmates. Students will also read novels in Spanish and complete grammar review assignments in preparation for the UW System Placement exam. This class is offered in conjunction with Spanish IV; students interested in Spanish V will be simultaneously enrolled in both courses for two credits.

ADDITIONAL OPPORTUNITIES

ONLINE COURSES

Students at the high school and college level have far more opportunities for courses than ever before thanks to the new technology that brings online instruction as an alternative to the traditional classroom environment. Online classes offer more flexible scheduling for students who wish a slower or faster pace. Belleville High School monitors online courses so that they meet state standards and the rigor that is expected of all students. Students should not consider online classes if they are expecting an easier experience or an easy "A". The ideal student for online coursework is independent and motivated and has clear goals and beliefs about post-secondary opportunities. This student will be preparing for employment or additional education for a specific career. This student will have taken most or all of the courses offered in the Belleville High School schedule for their area of interest.
For more information, inquire in the High School Guidance Office.

WISCONSIN'S YOUTH OPTIONS PROGRAM

Youth Option Deadlines
Forms must be submitted to the Guidance Counselor by:
March 1 for Fall classes
October 1 for Spring classes

Wisconsin's youth options program allows public high school juniors and seniors who meet certain requirements to take post-secondary courses at a UW institution, a Wisconsin technical college, one of the state's participating private nonprofit institutions of higher education, or tribally-controlled colleges. Approved courses count toward high school graduation and college credit.
The program opens the door to greater learning opportunities for motivated students considering a technical career, wishing to begin college early, or preparing themselves to enter the workforce immediately after high school graduation.
Under Youth Options, a student does not pay for a college course if the school board determines the course qualifies for high school credit and is not comparable to a course already offered in the school district. If approved by the school board, the student can receive both high school and college credit upon successful completion of the course. A student who successfully completes their high school graduation requirements earns a high school diploma regardless of whether the requirements were met while attending a high school or college.

****The Youth Options Program can be a lengthy process from application through approval so parents and students considering this option should speak with the Guidance Counselor as early as possible.***

Additional Information:
DPI: Wisconsin's Youth Options Programs
DPI: Youth Options Brochure

PATHWAYS TO COLLEGE & CAREER READINESS

Career Clusters®

WICareerPathways

Almost all career possibilities can be found within the 16 Wisconsin Career Clusters. The Clusters are illustrated on the following pages to help guide you during registration. Each cluster includes a brief description, list of occupations with education/training requirements, and suggested courses.

The courses listed within each Cluster are suggested recommendations only. Courses are identified due to meeting content specific to that particular Cluster. Please keep in mind graduation and college requirements as you determine appropriate courses. Clusters are not intended to direct students away from areas of interest including art, music, theater/drama, language, career education, etc.

Career Clusters **provide guidance and opportunities for all students regardless of their career goals and interests.**

Career Pathways **are a sub-grouping of careers under Career Clusters. Each pathway highlights a specific part of each cluster. Programs of study consist of identified courses for a specific career pathway.**

Career Pathways are critical to 21st Century schools and learners. Identifying a Pathway for each individual student will help to ensure that all students will:

- **Be prepared for post-secondary options and careers.**
- **Be able to connect academics to real world applications.**
- **Be directed to a full range of post-secondary opportunities.**
- **Improve student achievement.**

Agriculture, Food & Natural Resources

The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.

PATHWAYS IN THIS CLUSTER:

- Food Products and Processing Systems
- Plant Systems
- Animal Systems
- Power, Structural & Technical Systems
- Natural Resource Systems
- Environmental Service Systems
- Agribusiness Systems

ENTRY-LEVEL CAREERS:

On-the-job training and/or minimal experience

Loggers, Fishers, Kennel Owners, Food Samplers

ASSOCIATE DEGREE OR TECHNICAL TRAINING:

Community college, technical college, apprenticeship, experience

Dairy Farmer, Greenhouse Managers, Biological or Environmental Technician, Food Technologist, Berry Farmer

BACHELOR OR ADVANCED DEGREE:

Fruit Tree Farmer, Hydroponic Farmer, Ranchers, Animal Scientist, Animal Trainer, Veterinarian, Conservation Warden, Environmentalists, Hydrologist, Agricultural Engineers, Geologists, Fish Hatchery Managers, Horticulturalists, Foresters

*For additional occupations, visit the Wisconsin Career Pathways website:
https://www.wicareerpathways.org/

Career Cluster Suggested Courses:

**Actual offerings may vary by High School*

o 3 Years of Math	o Computer Applications
o Accounting	o Business Education
o Bookkeeping	o Agriculture Education
o World Languages	o Technology and Engineering Education
o Lab Sciences	o Environmental Sciences

Architecture & Construction

Careers in designing, planning, managing, building and maintaining the built environment.

PATHWAYS IN THIS CLUSTER:

- Design/Pre-Construction
- Construction
- Maintenance/Operations

ENTRY-LEVEL CAREERS:

On-the-job training and/or minimal experience

Cement Masons, Painter, Construction Laborer, Earth Drillers, Fence Builders, Floor Installer, Sewer Pipe Cleaner, Construction Worker

ASSOCIATE DEGREE OR TECHNICAL TRAINING:

Community college, technical college, apprenticeship, experience

Carpenter, Electrician, Insulation Worker, Plumber, Ship fitter, Furnace Installer, Appliance Servicer, Surveying Technician, AC Technician, Stone Mason

BACHELOR OR ADVANCED DEGREE:

College/Universities

Building Contractor, Civil Engineer, Electrical Engineer, Architects, Interior Designer, Cost Estimator

*For additional occupations, visit the Wisconsin Career Pathways website: https://www.wicareerpathways.org/

Career Cluster Suggested Courses:

**Actual offerings may vary by High School*

o 3 Years of Math o Computer Applications o Physical Science o Architectural Drafting	o Technology and Engineering Education o World Languages o Business Education

Arts, A/V Technology & Communications

Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.

PATHWAYS IN THIS CLUSTER:

- Audio and Video Technology and Film
- Printing Technology
- Visual Arts
- Performing Arts
- Journalism and Broadcasting
- Telecommunications

ENTRY-LEVEL CAREERS:

On-the-job training and/or minimal experience

Material Mover, Sign Designers

ASSOCIATE DEGREE OR TECHNICAL TRAINING:

Community college, technical college, apprenticeship, experience

Animators, Recording Technicians, TV Camera Operators, Photoengravers & Finishers, Bookbinders, Printing Specialist, Communications & Electrical Line Maintainers, Telephone Installers

BACHELOR OR ADVANCED DEGREE:

College/Universities

Announcers, Copy & Film Editors, Journalists, Disc Jockey, Proofreaders, Actors, Choreographers, Dance & Music Therapists, Set Designers, Fashion Designer, Potters, Musician

*For additional occupations, visit the Wisconsin Career Pathways website: https://www.wicareerpathways.org/

Career Cluster Suggested Courses:

**Actual offerings may vary by High School*

o Art o Communications o Theater o Graphic Arts	o Marketing o Computer Applications o 3 Years of Math o World Languages

Business, Management & Administration

Business Management and Administrative careers encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Business Management and Administration career opportunities are available in every sector of the economy.

PATHWAYS IN THIS CLUSTER:

- Administrative Support
- Business Information Management
- General Management
- Human Resource Management
- Operations Management

ENTRY-LEVEL CAREERS:

On-the-job training and/or minimal experience

Mail Clerks, Tellers, Telephone Operators, Bookkeeping Clerks, Human Resources Clerk, Small Business Owners, Administrative Assistants

ASSOCIATE DEGREE OR TECHNICAL TRAINING:

Community college, technical college, apprenticeship, experience

Administrative Assistants, Court Reporters, Typists,
Accountants, Tax Preparers, Casino Managers

BACHELOR OR ADVANCED DEGREE:

College/Universities

Administrative Managers, Budget Analysts, Consultants, Advertising Executives & Managers, Business Managers, Human Resource Managers, Health Care Administrators, Management/Operations Analyst

*For additional occupations, visit the Wisconsin
Career Pathways website: https://www.wicareerpathways.org/

Career Cluster Suggested Courses:

**Actual offerings may vary by High School*

o 3 Years of Math o Computer Applications o Business Education o Marketing	o Communications o World Languages o Psychology

Planning, managing and providing education and training services, and related learning support services.

PATHWAYS IN THIS CLUSTER:

- Administration & Administrative Support
- Professional Support Services
- Teaching/Training

ENTRY-LEVEL CAREERS:

On-the-job training and/or minimal experience

Cashiers, File Clerks, Data Entry, Teacher Assistant, Child Care Assistant

ASSOCIATE DEGREE OR TECHNICAL TRAINING:

Community college, technical college, apprenticeship, experience

Child Care Assistant, Sign Language Interpreter

BACHELOR OR ADVANCED DEGREE:

College/Universities

Teachers, University Professors, Office Managers, Department Managers, Human Resources, Counselors, Social Workers, School Administrators, Public Relations Manager, Therapists

*For additional occupations, visit the Wisconsin Career Pathways website:
https://www.wicareerpathways.org/

Career Cluster Suggested Courses:

**Actual offerings may vary by High School*

o 3 Years of Math o Statistics o Computer Applications o Business Education o Communications	o Psychology o World Languages o Family and Consumer Education o Service Learning

Planning, services for financial and investment planning, banking, insurance, and business financial management.

PATHWAYS IN THIS CLUSTER:

- Accounting
- Banking Services
- Business Finance
- Insurance
- Securities and Investments

ENTRY-LEVEL CAREERS:

On-the-job training and/or minimal experience

Cashier, Teller, Sales, Administrative Assistant, Billing Clerk, Payroll Clerk, Insurance Clerk

ASSOCIATE DEGREE OR TECHNICAL TRAINING:

Community college, technical college, apprenticeship, experience

Loan Officer, Insurance Sales, Tax Preparer, Accountant

BACHELOR OR ADVANCED DEGREE:

College/Universities

Stockbroker, Investment Advisor, Accountant, Auditor, Economist, Claim Adjuster, Insurance Agent, Insurance Underwriters, Financial Counselor/Advisor, Financial Analyst

*For additional occupations, visit the Wisconsin Career Pathways website: https://www.wicareerpathways.org/

Career Cluster Suggested Courses:

**Actual offerings may vary by High School*

o 3 Years of Math	o Statistics
o Computer Applications	o Accounting
o Business Education	o Law
o Marketing	o Economics
o Communications	o World Languages

Government & Public Administration

Executing governmental functions to include Governance; National Security; Foreign Service; Planning; Revenue and Taxation; Regulation; and Management and Administration at the local, state, and federal levels.

PATHWAYS IN THIS CLUSTER:

- Governance
- National Security
- Foreign Service
- Planning
- Revenue and Taxation
- Regulation
- Public Management & Administration

ENTRY-LEVEL CAREERS:

On-the-job training and/or minimal experience

Postal Clerk, Mail Carrier, Military, License Clerk

ASSOCIATE DEGREE OR TECHNICAL TRAINING:

Community college, technical college, apprenticeship, experience

Translator/Interpreter, Building Inspector, Building & Transportation Inspector, Surveyor

BACHELOR OR ADVANCED DEGREE:

College/Universities

Accountant, Lawyer, City Manager, City Planner, Government Agency Administrator, Coroner, Judge, Legislator, Political Scientist, Public Health Worker, Urban Planner

*For additional occupations, visit the Wisconsin Career Pathways website: https://www.wicareerpathways.org/

Career Cluster Suggested Courses:

**Actual offerings may vary by High School*

o 3 Years of Math	o Communications
o Law	o Computer Applications
o Accounting	o Service Learning
o Economics	o Social Sciences
o Psychology	o World Languages

Health Science

Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

PATHWAYS IN THIS CLUSTER:

- Therapeutic Services
- Diagnostic Services
- Health Informatics
- Support Services
- Biotechnology Research and Development

ENTRY-LEVEL CAREERS:

On-the-job training and/or minimal experience

Central Supply Technician, Food Service Worker

ASSOCIATE DEGREE OR TECHNICAL TRAINING:

Community college, technical college, apprenticeship, experience

Health Unit Clerk, Phlebotomy Technician, Medical Secretary, Medical Transcriptionist, Medical Assistant, Radiologist, Surgical Technician, Certified Nursing Assistant, Home Health Aide

BACHELOR OR ADVANCED DEGREE:

College/Universities

Audiologist Physician, Chiropractor, Dietitian, Pharmacist, Surgeon, Nurse Practitioner, Physical Therapist, Nurse, Physician's Assistant, Psychiatrist

*For additional occupations, visit the Wisconsin Career Pathways website: https://www.wicareerpathways.org/

Career Cluster Suggested Courses:

**Actual offerings may vary by High School*

o 3 Years of Math	o Computer Applications
o Communications	o Health Occupations
o Psychology	o Human Anatomy
o Laboratory Sciences	o First Aid/CPR
o Medical Terminology	o Family and Consumer Education
o World Languages	

Hospitality & Tourism

Hospitality & Tourism encompasses the management, marketing and operations of restaurants and other foodservices, lodging, attractions, recreation events and travel related services.

PATHWAYS IN THIS CLUSTER:

- Restaurants and Food/Beverage Services
- Lodging
- Travel & Tourism
- Recreation, Amusements & Attractions

ENTRY-LEVEL CAREERS:

On-the-job training and/or minimal experience

Baggage Porter, Bellhop, Concierge, Hotel Clerk, Hotel Cleaner, Janitor, Usher, Umpire, Cook, Server, Host, Casino Dealer

ASSOCIATE DEGREE OR TECHNICAL TRAINING:

Community college, technical college, apprenticeship, experience

Casino Manager, Recreation Director, Food Service Super-visor, Chef, Travel Agent

BACHELOR OR ADVANCED DEGREE:

Animal Trainer, Archivist, Coach, Curator, Park Ranger, Theater Manager, Brew Master, Conference Planner, Hotel Manager, Hotel Activities Planner

*For additional occupations, visit the Wisconsin Career Pathways website:
https://www.wicareerpathways.org/

Career Cluster Suggested Courses:

**Actual offerings may vary by High School*

o 3 Years of Math	o Business Education
o Accounting	o World Languages
o Marketing	o Computer Applications
o Communications	o Food/Nutrition
o Family and Consumer Education	o Hospitality

Human Services

Preparing individuals for employment in career pathways that relate to families and human needs.

PATHWAYS IN THIS CLUSTER:

- Early Childhood Development & Services
- Counseling & Mental Health Services
- Family & Community Services
- Personal Care Services
- Consumer Services

ENTRY-LEVEL CAREERS:

On-the-job training and/or minimal experience

Nanny, Cook, Entry Child Care Worker, Home Health Worker

ASSOCIATE DEGREE OR TECHNICAL TRAINING:

Community college, technical college, apprenticeship, experience

Child Care Assistant, Cosmetologist, Embalmer, Funeral Director, Nail Technician, Aesthetician, Massage Therapist, Interpreter

BACHELOR OR ADVANCED DEGREE:

College/Universities

Counselor, Financial Advisor, AODA Counselor, Psychiatrist, Psychologist, Clergy, Social Worker, Gerontologist, Dietitian, Marriage & Family Therapist

*For additional occupations, visit the Wisconsin Career Pathways website:
https://www.wicareerpathways.org

Career Cluster Suggested Courses:

**Actual offerings may vary by High School*

o 3 Years of Math o Statistics o Childcare o Psychology o Communications o Child Development o World Languages	o Computer Applications o Marketing o Business Education o Service Learning o Family and Consumer Education o Law

Building Linkages in IT Occupations Framework: For Entry Level, Technical, and Professional Careers Related to the Design, Development, Support and Management of Hardware, Software, Multimedia, and Systems Integration Services.

PATHWAYS IN THIS CLUSTER:

- Network Systems
- Information Support & Services
- Web and Digital Communications
- Programming & Software Development

ENTRY-LEVEL CAREERS:

On-the-job training and/or minimal experience

Data Entry, Library Technician, Information & Records Clerk, Entry Office Worker

ASSOCIATE DEGREE OR TECHNICAL TRAINING:

Community college, technical college, apprenticeship, experience

Computer Support Specialist, Database Administrator, Tool Programmer, Video Game/Animation Designer, Graphic Artist, IT Support Specialist, Medical Records Technician

BACHELOR OR ADVANCED DEGREE:

College/Universities

Computer Engineer, Information Scientist, Computer Network Engineer, Computer Security Engineer, Computer Programmer, Medical & Scientific Illustrator, Web Developer

*For additional occupations, visit the Wisconsin Career Pathways website:
https://www.wicareerpathways.org/

Career Cluster Suggested Courses:

**Actual offerings may vary by High School*

o 4 Years of Math	o Business Education
o Computer Applications	o Communications
o Computer Science	o World Languages
o Computer Graphics	o Webpage Design
o Technology and Engineering Education	o Art

Law, Public Safety, Corrections & Security

Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.

PATHWAYS IN THIS CLUSTER:

- Correction Services
- Emergency & Fire Management Services
- Security & Protective Services
- Law Enforcement Services
- Legal Services

ENTRY-LEVEL CAREERS:

On-the-job training and/or minimal experience

Dispatcher, Crossing Guard, Security Guard

ASSOCIATE DEGREE OR TECHNICAL TRAINING:

Community college, technical college, apprenticeship, experience

Police Officer, Bailiff, Sketch Artist, Court Reporter, Paralegal, Fire inspector, Fire Fighter, Private Detective, Loss Prevention Specialist

BACHELOR OR ADVANCED DEGREE:

College/Universities

Police Officer, Sheriff, Park Ranger, Forensic Scientist, Correctional Officer, Parole Officer, Judge, Lawyer, Emergency Management Specialist, FBI Agent

*For additional occupations, visit the Wisconsin Career Pathways website: https://www.wicareerpathways.org/

Career Cluster Suggested Courses:

**Actual offerings may vary by High School*

o 3 Years of Math o Law o Economics o Psychology o Business Education o Chemistry	o Computer Applications o Social Studies o Communications o World Languages o Service Learning

Manufacturing

Planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.

PATHWAYS IN THIS CLUSTER:

- Production
- Manufacturing Production Process Development
- Maintenance, Installation & Repair
- Quality Assurance
- Logistics & Inventory Control
- Health, Safety & Environmental Assurance

ENTRY-LEVEL CAREERS:

On-the-job training and/or minimal experience

Order Fillers, Production Workers, Machine Operator, Tire Builder, Assembler, Production Inspector, Quality Checker, Fabricator

ASSOCIATE DEGREE OR TECHNICAL TRAINING:

Community college, technical college, apprenticeship, experience

Nuclear Technician, Camera Technician, Laser Technician, Locksmith, Machinist, Office Machine Technician, Wood Maker, Machine Tool Programmer, Drafter, Production Supervisor

BACHELOR OR ADVANCED DEGREE:

College/Universities

Environmental Engineer, Health & Safety Specialist, Electromechanical Technician, Production Manager, Mechanical Engineer, Tool Designer, Industrial Engineer, Logistician, Chemist, Purchasing Agent

*For additional occupations, visit the Wisconsin Career Pathways website:
https://www.wicareerpathways.org/

Career Cluster Suggested Courses:

**Actual offerings may vary by High School*

o Architectural Drafting	o Computer Applications
o 3 Years of Math	o Technology and Engineering Education
o Business Education	o Physical Science
o Agriculture Education	o World Languages

Planning, managing, and performing marketing activities to reach organizational objectives.

PATHWAYS IN THIS CLUSTER:

- Marketing Communications
- Marketing Management
- Marketing Research
- Merchandising
- Professional Sales

ENTRY-LEVEL CAREERS:

On-the-job training and/or minimal experience

Classified Ad Clerk, News/Street Vendor, Cashier, Model, Salesperson, Customer Service Representative, Tele-marketer

ASSOCIATE DEGREE OR TECHNICAL TRAINING:

Community college, technical college, apprenticeship, experience

Buyer, Commodity Supervisor, Advertising Layout Designer, Food Stylist, Purchasing Manager, Insurance Agent, Purchasing Agent, Real Estate Broker, Salesperson

BACHELOR OR ADVANCED DEGREE:

College/Universities

Advertising Account Executive, Business Agent, Public Relations, Marketing Manager, Marketing Research Analyst, Store Manager

*For additional occupations, visit the Wisconsin Career Pathways website:
https://www.wicareerpathways.org/

Career Cluster Suggested Courses:

**Actual offerings may vary by High School*

o 3 Years of Math o Marketing o Psychology o World Languages o Communications	o Computer Applications o Business Education o Multimedia Technology o Webpage Design

Science, Technology, Engineering & Mathematics

Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.

PATHWAYS IN THIS CLUSTER:

Engineering & Technology

ENTRY-LEVEL CAREERS:

On-the-job training and/or minimal experience

Lab Assistant, Veterinary Clerk, Office Assistant, Statistical Clerk

ASSOCIATE DEGREE OR TECHNICAL TRAINING:

Community college, technical college, apprenticeship,

Computer Technician, Automotive Technician, Engineering Technician, Food Technician, Drafter

BACHELOR OR ADVANCED DEGREE:

College/Universities

Engineer (All Fields), Historian, Microbiologist, Pharmacist, Anthropologist, Mathematician, Statistician, Food Scientist, Science/Math Teacher

*For additional occupations, visit the Wisconsin Career Pathways website:
https://www.wicareerpathways.org/

Career Cluster Suggested Courses:

**Actual offerings may vary by High School*

o 3 Years of Math o World Languages o Physical Science o Technology and Engineering Education	o Drafting o Computer Applications o Laboratory Sciences

Transportation, Distribution & Logistics

Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

PATHWAYS IN THIS CLUSTER:

- Transportation Operations
- Logistics Planning & Management Services
- Warehousing & Distribution Center Operations
- Facility & Mobile Equipment Maintenance
- Transportation Sys/Infrastructure Planning, Management, & Regulation
- Sales & Service
- Health, Safety & Environmental Management

ENTRY-LEVEL CAREERS:

On-the-job training and/or minimal experience

Taxi Driver, Delivery Driver, Grips, Hoist Operator, Riggers, Truck Operator, Service Station Attendant,

ASSOCIATE DEGREE OR TECHNICAL TRAINING:

Community college, technical college, apprenticeship, experience

Auto Body Technician, Diesel Technician, Aircraft Mechanic, Airline Pilot, Distribution Center Lead, Transportation Manager, Gas Plant Operator, Windshield Installer, Travel Agent

BACHELOR OR ADVANCED DEGREE:

College/Universities

Marketing Manager, Environmentalist, Hazardous Wastes Specialist, Logistician, Air Traffic Controller, Distribution Manager, Astronaut, Mining Manager

*For additional occupations, visit the Wisconsin Career Pathways website:
https://www.wicareerpathways.org/

Career Cluster Suggested Courses:

**Actual offerings may vary by High School*

o Automotive o 3 Years of Math o Physical Science o Technology and Engineering Education	o World Languages o Business Education o Computer Applications