



2018-19

**Freshman
Career Planning
& Course Guide**



Beloit Memorial High School



Dear BMHS Families,

It is my pleasure to welcome you to the 2018-19 school year at Beloit Memorial High School!

I am pleased to present you with our latest course offering guide. We are committed to providing continuous improvement, and to providing rigorous coursework to advance students in their preparation for College and Career readiness skills and standards! I am pleased to report that our Advanced Placement program has never been stronger with the addition of the High School of Business program providing advanced business courses. In addition, BMHS is on a journey to develop and implement College and Career readiness programming and instructional strategies such as AVID and an Academy school structure that organizes and develops Career and College programming pathways as choices for our students.

At BMHS College level credits are available for Advanced Placement coursework. College level programming is available through Project Lead the Way, Youth Options, Course Options, the Porter Scholars program and our many articulated and transcribed, dual-credit courses and programs through Blackhawk Technical College. Whatever college, career, military or workplace adventure you are interested in pursuing, there is a pathway of courses for you, here at BMHS!

In addition, Beloit Memorial is a state leader in the area of advanced career and technical education offerings. Students are able to explore careers with workforce demands such as machining, construction, manufacturing and engineering through our REACH program. Further enhancing students' learning opportunities are the variety of internships, co-ops and youth apprenticeship opportunities. Certificates are available to be earned in the areas of welding, auto technology, Microsoft Office, Employability Skills, Hospitality, construction and Project Lead the Way. In the area of Early Childhood education, students can potentially be on a pathway to earn 18 college credits while at Beloit Memorial High School.

Beyond the core and College and Career educational offerings, Beloit Memorial offers students a myriad of electives including band, orchestra, choral and theatre, extra-curricular activities, and WIAA sanctioned Athletics. The opportunities at BMHS to explore interests are extensive and second to none among our area high schools. Our facilities are newly renovated with state of the art facilities in the Career and Technical Education department and in Wisconsin, with an Olympic sized pool in the Natatorium. Students and staff alike, take advantage of our newly renovated, full scale fitness center.

I encourage you to take time to devote your attention to thinking about your future and to planning your educational journey here at Beloit Memorial. We open the door for you to utilize the expertise and talents of our staff; School Counselors, Student Services, Teachers and Administrators to gain insight and advice as you navigate your choices.

We are very excited about the upcoming 2018-19 school year and all it has to offer our students and families. I, and the BMHS staff, look forward to seeing you in classes at Beloit Memorial High School this fall! Please contact us with any questions!

Sincerely,



Carole L. Campbell
Principal

Art Department

- The Art department offers a wide variety of courses for all levels of interest in art. 2-D Art and 3-D Art are designed as foundational or introductory level courses. They provide a range of process and media exposure for beginning art students, helping them determine areas of personal interest and strength. 2-D Art can be taken at the same time, before, or after 3-D Art.
- 2-Dimensional Art courses: 2-D Art, Intro to Graphics, Drawing, Advanced Drawing, Painting, Printmaking, Digital Art 1 & 2, AP Drawing and AP 2-D Design.
- 3-Dimensional Art courses: 3-D Art, Fiber Arts, Metals & Glass Crafts, Sculpture, Clay-Ceramics & Pottery and AP 3-D Design.
- Introductory Level Art courses without pre-requisites include: 2-D Art, 3-D Art, Fiber Arts and Community Art Appreciation.
- Tier 2 Art courses have 1 pre-requisite course & include: Intro to Graphics, Drawing, Painting, Printmaking, Metals and Glass Crafts, Sculpture, Ceramics & Digital Art. These courses are offered for those with a specific interest and offer a more specialized knowledge of the Arts.
- Tier 3 Advanced Level Art courses have 2-3 pre-requisites & include: Advanced Drawing, Digital Art 2 & Advanced Placement Studio (AP 2-D Design, AP Drawing, AP 3-D Design). These courses are offered for more serious students wanting to develop skill & style, as well as a portfolio of artwork for AP studio and/or college portfolio reviews.

Course Title	Grades Permitted to Enroll				Credit	Prerequisite (Co-requisite denoted "Co")
	9	10	11	12		
2-D Art (I0010)	X	X	X	X	0.5	
3-D Art (I0020)	X	X	X	X	0.5	

Two Dimensional Art Courses

2-D ART (I0010)

0.5 credit

Grades: 9, 10, 11, 12

Content: In this beginners course, students will learn basic skills to create drawings, paintings, prints, collages and digital art works, to prepare them for the advanced courses that follow. Creativity, craftsmanship, and the use of the elements of art and principles of design are emphasized.

Three Dimensional Art Courses

3-D ART (I0020)

0.5 credit

Grades: 9, 10, 11, 12

Content: In this beginners course, students will learn basic 3-Dimensional building techniques in a variety of materials such as wire, clay, paper mache and cardboard to prepare them for advanced courses in sculpture, ceramics (clay), metals and glass crafts. Creativity and good craftsmanship are emphasized. 2-D art is not a prerequisite.

Business/Computer Education Department

Course Title	Grades Permitted to Enroll				Credit	Prerequisite (Co-requisite denoted "Co")
	9	10	11	12		
Business Foundations (F1000)	X	X	X	X	1	Transcripted Credit BTC
Computer Applications (F1004) (MOS Certification)	X	X	X	X	1	Transcripted Credit BTC

General Business Courses

BUSINESS FOUNDATIONS (F1000)

Grades: 9, 10, 11, 12 1.0 credit

This is a BTC 3 credit transcripted class.

Content: This course is designed to help students become familiar with the business world around them. It provides students with a basic understanding of consumerism, insurance, taxes, credit, checking accounts, banks, organized labor, occupations and careers, and money management. (Note: A "transcripted class" means that the student can receive 3 credits at Blackhawk Technical College for successful completion of the course with a C or better.)



Business Technology Courses

COMPUTER APPLICATIONS (F1004)

Grades: 9, 10, 11, 12 1.0 credit

Content: This course is designed to offer students the opportunity to earn a Microsoft Office Specialist (MOS) Certification in Word, PowerPoint and Excel. Students will learn a wide variety of skills in each of the three areas (Word, PowerPoint and Excel) which can be used for school, college, work and personal use. Currently 80% of the workforce utilizes computer skills therefore students will learn the skills needed to be successful in Word, PowerPoint and Excel and pass the Microsoft Office Specialist (MOS) certification test(s). Once the test(s) are passed students will have the privilege of providing that information to colleges, businesses and employers.



English/Language Arts Department

Course Title	Grades Permitted to Enroll				Credit	Prerequisite (Co-requisite denoted "Co")
	9	10	11	12		
English 9 (B1010)	X				1	
Accelerated English 9 (B1015)	X				1	
ELL 1 (B1110)	X	X	X	X	2	Proficiency Determined
ELL 2 (B1120)	X	X	X	X	2	Proficiency Determined
ELL 3 (B1130)	X	X	X	X	2	Proficiency Determined
Aligned English – Fundamentals (B0013F)	X	X	X	X	1 English 1 Elective	Placement by Reading Specialists
Aligned English – Level A (B0013A)	X	X	X	X	1 English 1 Elective	Placement by Reading Specialists
Aligned English – Level B (B0013B)	X	X	X	X	1 English 1 Elective	Placement by Reading Specialists
Aligned Springboard (B01311/B01312)	X	X	X	X	1	Placement by Reading Specialists

English Grade 9

ENGLISH 9 (B1010)

1.0 credit

REQUIRED: Grade 9

(Accelerated English 9 may be substituted)

Content: Using the College Board's Springboard curriculum, this course will provide each student with a firm foundation in the four core skills of reading, writing, listening, and speaking. It will also provide a variety of writing experiences directed at correct structures in grammar, vocabulary, punctuation, and organization of ideas for clear communication.

ACCELERATED ENGLISH 9 (B1015) 1.0 credit

Grades: 9

Content: This course is highly recommended for students planning to go on to higher education and is similar to regular English 9, although there is an expectation that texts will be analyzed in greater depth and at a faster pace. Students who register for this course can expect homework assigned daily, including the completion of reading and writing assignments outside of class time. Students should be highly motivated and be willing to work more independent.

English Placement Courses

ELL 1 (ENGLISH LANGUAGE LEARNERS)

(B1110)

2.0 credit

Grades: 9, 10, 11, 12

(Depending on English language proficiency level.)

Content: ELL 1 introduces school-related vocabulary and general academic language across the curriculum. It develops fundamental literacy skills that focus on reading comprehension vocabulary development, dictionary skills and the writing of short compositions, primarily at the paragraph level. Basic grammar structures are taught and practiced in context. This course may be repeated for credit. This course satisfies an English credit towards graduation

ELL 2 (ENGLISH LANGUAGE LEARNERS)

(B1120)

2.0 credit

Grades: 9, 10, 11, 12

(Depending on English language proficiency level.)

Content: ELL 2 builds on earlier literacy skills and introduces additional skills that are parallel to those taught to native speakers of English. More complex and abstract ideas in spoken and written communication are expected and developed as students' control of English grammar, organizational structure and vocabulary expands. The writing process is introduced and practiced with a focus on simple sentence structure and basic writing conventions. Writing assignments extend beyond the paragraph to longer compositions and short essays. May be repeatable for credit. This course satisfies an English credit towards graduation.

ELL 3 (ENGLISH LANGUAGE LEARNERS)**(B1130)****2.0 credit****Grades: 9, 10, 11, 12**

(Depending on English language proficiency level.)

Content: ELL 3 is a standards-based curriculum that builds on earlier literacy skills and introduces additional skills (Reading, Speaking, Listening) that are parallel to those taught to native speakers of English. The course is designated to prepare students for either the Springboard curriculum or the Aligned Springboard course with their native English speaking peers. Students study literature and create various forms of composition. This course may be repeatable for credit. This course satisfies an English credit towards graduation.

ALIGNED ENGLISH**(FUNDAMENTALS – B0013F, LEVEL A - B0013A, AND LEVEL B – B0013B)****(GRADES 9, 10, 11, 12****2.0 credit****(1.0 ENGLISH, 1.0 ELECTIVE)**

Content: These classes are alternatives to the universal curriculum for students who are not yet ready for SpringBoard in ENGLISH 9-12. Aligned English offers a standards-based curriculum, in reading, writing, speaking, and listening, and is designed to help students value the power of reading and writing, increase motivation to engage in a text, and acquire the skills and processes for success in high school and beyond.

ALIGNED SPRINGBOARD (B01310, B01311/ B01312)**GRADES 9, 10, 11, 12****1.0 credit**

Content: These courses are an integration of the Aligned curriculum and units from SpringBoard. Aligned SpringBoard English offers a standards-based curriculum in reading, writing, speaking, listening and is designed to prepare students for the SpringBoard curriculum. Students will study literature, including short stories, novels, drama, poetry, and essays. Various forms of composition will be required. An oral presentation is required. This course will fulfill an English requirement.

Family and Consumer Science Department

Course Title	Grades Permitted to Enroll				Credit	Prerequisite (Co-requisite denoted "Co")
	9	10	11	12		
Housing & Interior Design (G0242)	X	X	X	X	0.5	
Foods & Cultures (G0272)	X	X	X	X	0.5	

Family, Children and Health Science Courses

HOUSING AND INTERIOR DESIGN (G0242)

Grades: 9, 10, 11, 12 **0.5 credit**

Content: Students interested in exploring housing and interior decorating should take this course. Students will be exploring decorating and design decisions, including designing a floor plan for their dream house.

Hospitality and Food Courses

FOODS AND CULTURES (G0272) **0.5 credit**

Grades: 9, 10, 11, 12

Content: Students interested in the study of foods around the world should sign up for this course. You will learn about your culture and the culture of others through food preparation in laboratory experiences, media presentations, and group activities. A willingness to try new and different foods is necessary.

Project materials: \$5.00

Junior Reserve Officers Training Corps Department

THE MAKING OF A BETTER CITIZEN

JROTC is devoted to your growth, both as a student and as a person. JROTC gives you the opportunity to develop and improve yourself in many ways. It uses military skills and techniques to teach self-discipline, confidence, and pride in a job well done and offers you challenges and opportunities to: promote your graduation from high school, develop a solid foundation for career development, sharpen your communication skills, promotes and encourages citizenship, improve physical fitness, and strengthens your self-esteem. Your participation shows a willingness to make the most out of your high school experience. Every member of JROTC is special and brings a different cultural dimension to the program. You can be a member of a unique team---A TEAM OF WINNERS!

LEADERSHIP EDUCATION TRAINING (LET) – THE BENEFITS

JROTC prepares high school students for responsible roles while making them aware of the benefits of citizenship. Leadership Education and Training goals are to graduate from high school, demonstrate positive self-esteem while promoting winning behavioral concepts in a culturally diverse society. JROTC emphasizes and teaches you to think logically and to communicate effectively while displaying the ability to work cooperatively with others. JROTC also teaches the benefits of diet and physical fitness in maintaining good health and appearance. JROTC allows you to participate on the Rifle Marksmanship Team, Drill and Color Guard Teams. Cadets are allowed to participate in a week long summer adventure camp. JROTC students are encouraged to participate in Varsity Athletics and any clubs and or organizations in the school. All JROTC programs are at no cost to the student or parent.

JROTC LET 1 (N1000)

1.0 credit

Grades: 9, 10, 11, 12

Content: Introduction to ethical values, principals of good leadership and how to communicate effectively with others. Learn how to properly wear the JROTC uniform. Participate in physical fitness activities and learn valuable life skills and how to become a better person and citizen

Mathematics Department

Course Title	Grades Permitted to Enroll				Credit	Prerequisite (Co-requisite denoted "Co")
	9	10	11	12		
Pre-Algebra (C1055)	X				1	Placement by District Curriculum Team
Algebra 1 (C1050)	X	X			1	
Geometry (C1084)	X	X	X	X	1	Recommended C or better in Algebra 1
Algebra 2 (C1060)	X	X	X	X	1	Recommended C or better in Algebra 1 and Geometry
Probability and Statistics (C1010)	X	X	X	X	1	Recommended C or better in Geometry

Classic Mathematical Courses

PRE-ALGEBRA (C1040)

1.0 math credit and 1.0 elective credit

Grade: 9 (or above with Dept. Chair approval)

Prerequisite: Placement by District Curriculum Team

Content: This is not a self-selected class. Students will be placed in this class based on academic need. The target audience for this course is primarily freshman whose intermediate school test data and grades indicate deficiencies in mathematics that would prevent success in Algebra 1. Placement in this course will be the decision of the Math curriculum team and the high school administration. This course will address specific skills necessary for success in high school mathematics and it will focus on providing students with the opportunity to learn the foundational skills necessary for success in Algebra. Students in this course will develop a conceptual understanding of the operations of addition, subtraction, multiplication and division as related to whole numbers, fractions, decimals, integers, and rational numbers. Student will develop fluency with each operation within each set of numbers. Fact fluency will continue to be practiced as students explore pre-algebra concepts such as recognizing patterns, solving equations, graphing functions, using proportional reasoning, developing and applying geometric formulas, and applying probability and statistical concepts. Students will learn when it is appropriate to use technology as a tool to help solve more complex mathematical problems.

ALGEBRA 1 (C1050)

1.0 credit

Grade: 9, 10

Content: This course deals with the theory of Algebra and requires an ability to grasp abstract concepts. Students will study algebraic expressions, real numbers, solving equations and word problems, polynomials, operations with polynomials, special products and factoring, algebraic fractions, functions, relations, graphs, rational and irrational numbers and quadratic equations. Basic fact fluency is expected and reinforced in this course.

ALGEBRA 2 (C1060)

1.0 credit

Grades: 9, 10, 11, 12

Prerequisite: Recommended C or better in Algebra I, Geometry

Content: This course requires a mastery of Algebra 1 material. The skills and concepts from Algebra 1 are the foundation of this course. Topics taught in this course include linear and quadratic equations and systems, linear and quadratic inequalities and systems, polynomial functions, radical functions, rational functions, logarithmic and exponential functions, conic sections and graphing a variety of functions. Both basic skill fluency and appropriate concept application are stressed in this course.

GEOMETRY (C1084)**1.0 credit****Grades: 9, 10, 11, 12****Prerequisite:** Successful completion of Algebra I

Content: This course encompasses all the dimensions of the understanding of geometry: its shapes and forms; the skills of drawing, measurement, and visualization; its properties and deductive nature; its many uses; and the algebraic representation of geometry. The course emphasizes the concepts of coordinates, transformations, area, volume, congruence and similarity in relation to how they can be applied to solve problems in the physical world. Proof-writing and algebraic manipulation is extensively developed throughout the course.

Statistical Mathematical Courses

PROBABILITY AND STATISTICS (C1010)**Grades: 9, 10, 11, 12****1.0 Credit****Prerequisite:** Successful completion of Algebra 1 and Geometry

Content: This course is designed to meet the needs of students who have interest in pursuing careers that require interpreting and understanding data. In this course we will explore a large range of topics with an emphasis on “real world” applications. Technology plays an important role in statistics and probability by making it possible to generate plots, regression functions, and correlation coefficients, and to simulate many possible outcomes in a short amount of time. Students will regularly apply the tools of technology including graphing calculator and computer to solve problems. They will be challenged through critical thinking exercises and participate in various group and individual activities that will enhance their mathematical reasoning ability and communication skills throughout real world applications.

Performing Arts Department

Course Title	Grades Permitted to Enroll				Credit	Prerequisite (Co-requisite denoted "Co")
	9	10	11	12		
String Ensemble (L0040)	X	X	X	X	1	Prior Experience or Placement Audition
Treble Choir (Women) (L0050)	X				1	
Beginning Orchestra (L0041)	X	X	X	X	1	
Men's Chorus (L0049)	X	X	X	X	1	
Concert Band (L0031)	X	X	X	X	1	Placement Audition
Wind Ensemble (L0035)	X	X	X	X	1	Placement Audition
Jazz Band I (L0037)	X	X	X	X	2	Placement Audition
Jazz Band II (L0038)	X	X	X	X	1	Placement Audition
Performing Arts (L1080)	X	X	X	X	0.5	
Advanced Acting (L1085)	X	X	X	X	0.5	Performing Arts

String Music

BEGINNING ORCHESTRA (L0041) 1.0 credit
Grade: 9, 10, 11, 12

Content: This course is designed for any student wishing to learn to play an orchestra instrument (violin, viola, cello, or bass) or an string student wishing to learn another string instrument. Students will learn at least one string instrument over the course of this class. School-owned instruments and method books will be used. **Students will pay a yearly usage fee of \$15 for instrument rental.**

STRING ENSEMBLE (L0040) 1.0 credit

Grade: 9 or have taken beginning orchestra

Prerequisite: Experience in Orchestra at the intermediate school level or Beginning Orchestra at BMHS. No audition required.

Content: String Ensemble is a performing ensemble. Students perform with the Symphony Orchestra in concerts. Required performances include: Fall, Winter and Spring Concerts, and others to be determined. Most (if not all) performances are scheduled outside of school time. Though String Ensemble performs at concerts, the main focus of the ensemble is the development of string/music technique, skill, and knowledge. Students are required to attend scheduled lessons each term. **Students are required to own or rent and maintain an instrument. Students using school-owned instruments will pay a yearly usage fee of \$50**

Instrumental Music

CONCERT BAND (L0031) 1.0 credit

Grades: 9, 10, 11, 12

Prerequisite: Placement Audition. Auditions are held in the Spring of the previous year.

Content: The Concert Band is our second-tier performing ensemble, performing Class B / Grade 3-4 level literature. This is a performance-based class. Students rehearse during class time to develop individual and group skills while preparing for performances. Required participation in activities include: concert performances, pep band, marching band, and solo/ensemble. Students are expected to attend all scheduled lessons and sectionals and to maintain their own instruments. **Students who use a school-owned instrument will pay a yearly \$50 usage fee.**

WIND ENSEMBLE (L0035) 1.0 credit

Grades: 9, 10, 11, 12

Prerequisite: Placement Audition. Auditions are held in the Spring of the previous year.

Content: The Wind Ensemble is our elite performing ensemble, performing Class A / Grade 5-6 level literature. This is a performance-based class. Students rehearse during class time to develop individual and group skills while preparing for performances. Required participation in activities include: concert performances, pep band, marching band, and solo/ensemble. Students are expected to attend all scheduled lessons and sectionals and to maintain their own instruments. **Students who use a school-owned instrument will pay a yearly \$50 usage fee.**

JAZZ BAND 1 (L0037) 2.0 credits

JAZZ BAND 2 (L0038) 1.0 credit

Grades: 9, 10, 11, 12

Prerequisite: Enrollment in this class **REQUIRES** an audition. Students who successfully pass the audition (held the previous spring) will be placed into two separate bands (Jazz 1, Jazz 2) based on playing ability and instrumentation needs. In addition, concurrent enrollment in Concert Band / Wind Ensemble is required for wind and percussionists, and in orchestra for bass players. An exception will be made for pianists and guitarists who do not play a wind/string instrument. **(This requirement can be waived per music director discretion.)**

Content: The purpose of this course is to develop musical independence through knowledge of styles and performance technique of varied jazz literature.

The content will include but is not limited to, production of characteristic tone, interpretation of jazz rhythms and articulations, performance of literature from various popular and jazz styles, and to engage in the creative process through improvisation. The ensembles will perform at various festivals and concerts throughout the Midwest. All performances are required.

Vocal Music

MEN'S CHORUS (L0049) 1.0 credit

Grades: 9, 10, 11, 12 Men

Prerequisite: No experience required.

Content: This course is designed for male students who are interested in participating in choir at the high school level. Special attention will be made to the changing male voice as well as beginning male vocal technique. Choral music from a variety of styles, time periods, and cultural traditions will be rehearsed and performed. Students will be expected to participate in daily singing activities as well as participate in private voice lessons with the choir teacher. In addition to daily rehearsals, all students must attend required sectionals, concerts, and choir festivals often held outside of the school day. Students will be graded on ensemble contribution, formal assessment, performance, and a final at the end of each quarter.

TREBLE CHOIR (L0050) 1.0 credit

Grades: 9 Women

Prerequisite: No experience required.

Content: This course is designed for grade nine female students who are interested in participating in choir at the high school level. Choral music from a variety of styles, time periods, and cultural traditions will be rehearsed and performed. Students will be expected to participate in daily singing activities that help train the female singing voice as well as participate in private voice lessons with the choir teacher. In addition to daily rehearsals, all students must attend required sectionals, concerts, and choir festivals often held outside of the school day. Students will be graded on ensemble contribution, formal assessment, performance, and a final at the end of each quarter.

Theatre Arts

PERFORMING ARTS (L1080) 0.5 credit

Grades: 9, 10, 11, 12

Content: This course is a beginning acting course, emphasizing the preparation and interpretation of acting monologues and scenes. Class time will be spent performing and analyzing play scripts. Students will be required to memorize dialogue in acting scenes and perform those scenes in front of the rest of the class.

ADVANCED ACTING (L1085) 0.5 credit

Grades: 9, 10, 11, 12

Prerequisite: Performing Arts

Content: This course will explore in greater depth the acting techniques introduced in Performing Arts. Text analysis, character development, vocal techniques, interpretation skills, and period style will be stressed. Also included will be a study of musical theater choreography, commedia style, and stage combat.

Physical Education/Health Department

In order to graduate, each student is required to complete 1.5 credits of Physical Education. A student may earn a maximum of 2.0 credits of Physical Education during their four-year high school career from the following two steps:

1. Each student MUST first successfully PASS either a Physical Education 9 or a General Physical Education course.
2. After step one has been completed, students may then choose to take as least two of the offered courses from the following list:
 - a. General Physical Education
 - b. Individual and Dual Activities
 - c. Team Activities
 - d. Lifetime Wellness
 - e. Lifeguard & Safety Certifications
 - f. Strength & Conditioning

Upon completing 1.5 credits of physical education from the list above, juniors and seniors may choose to take High School Officiating and seniors may choose to take Outdoor Adventure.

Note: Students shall provide their own Physical Education attire, including a swimsuit, and students must use a padlock, which must be purchased from BMHS.

Course Title	Grades Permitted to Enroll				Credit	Prerequisite (Co-requisite denoted "Co")
	9	10	11	12		
Physical Education 9 (J0030)	X				0.5	
Health (J0055)	X				0.5	Required for freshmen. (If not previously taken, 10-12 grade students may enroll.)

Physical Education Courses

PHYSICAL EDUCATION 9 (J0030) 0.5 credit
Grade: 9

Content: The course concentrates on improving cardiovascular fitness as well as introducing the student to a wide variety of physical activities. Individual, dual, and team activities are offered with lifetime sports being emphasized. A swimming unit is required. This course can count towards the required 1.5 Physical Education credits needed for graduation.

Health Courses

HEALTH (J0055) 0.5 credit
Grades: 9 (Required)

Content: The class concentrates on current health issues within the following concepts: risks, wellness, skill building, positive practices, and community. The different threads incorporated in the program include accident prevention and safety, community health, consumerism, environment, physiology, hygiene, human growth & development, mental and emotional health, prevention and control of diseases, substance use/abuse, nutrition, and personal health. The focus is on what enhances wellness and how to achieve and maintain health and wellness. This course is required for graduation

Science Department

Graduation Requirements: 3 credits of science is required: 1 credit of Physical Science or Accelerated Physical Science, 1 credit of Biological Science (Ecology, Human Biology), and an additional science credit of your choice.

All science courses involve both lab and lecture modes of instruction and meet the lab science requirements for colleges and universities. Students may choose computer-simulated dissection labs. Problem solving using the scientific method and metric units of measurement are utilized in all courses.

Prerequisites: Prerequisites are considered met with the successful completion of the listed course(s).

Accelerated Physical Science: You should consider registering for Accelerated Physical Science 9 if you earned an A or B in 8th Grade science and/or an Advanced Proficient on the state science exam.

Graduation Requirements: 3 credits of science is required: 1 credit of Physical Science or Accelerated Physical Science, 1 credit of Biological Science (Ecology, Human Biology), and an additional science credit of your choice.

All science courses involve both lab and lecture modes of instruction and meet the lab science requirements for colleges and universities. Students may choose computer-simulated dissection labs. Problem solving using the scientific method and metric units of measurement are utilized in all courses.

Prerequisites: Prerequisites are considered met with the successful completion of the listed course(s).

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All science courses involve both lab and lecture modes of instruction and meet the lab science requirements for colleges and universities. Students may choose computer-simulated dissection labs. Problem solving using the scientific method and metric units of measurement are utilized in all courses.

Prerequisites: Prerequisites are considered met with the successful completion of the listed course(s).

Accelerated Physical Science: You should consider registering for Accelerated Physical Science 9 if you earned an A or B in 8th Grade science and/or an Advanced Proficient on the state science exam.

Graduation Requirements: 3 credits of science is required: 1 credit of Physical Science or Accelerated Physical Science, 1 credit of Biological Science (Ecology, Human Biology), and an additional science credit of your choice.

All science courses involve both lab and lecture modes of instruction and meet the lab science requirements for colleges and universities. Students may choose computer-simulated dissection labs. Problem solving using the scientific method and metric units of measurement are utilized in all courses.

Prerequisites: Prerequisites are considered met with the successful completion of the listed course(s).

Accelerated Physical Science: You should consider registering for Accelerated Physical Science 9 if you earned an A or B in 8th Grade science and/or an Advanced Proficient on the state science exam.

Course Title	Grades Permitted to Enroll				Credit	Prerequisite (Co-requisite denoted "Co")
	9	10	11	12		
Physical Science 9 (E1010)	X				1	
Accelerated Physical Science 9 (E1011)	X				1	

Physical Science Courses

PHYSICAL SCIENCE 9 (E1010) **1.0 credit**

Required Grade: 9

(Accelerated Physical Science 9 may be substituted)

Content: Students have an opportunity to explore the fields of Chemistry, Physics and Earth Science in detail in this course. Chemistry units include matter, chemical, and nuclear reactions. Physics units include motion, forces, and energy. Students will also study topics on the universe, geology, and weather in the Earth Science portion of the course. This is considered a foundation course for all other science courses and addresses NGSS topics.

ACCELERATED PHYSICAL SCIENCE 9 (E1011)

Grade: 9 **1.0 credit**

Freshmen should consider registering for Accelerated Physical Science 9 if earning an A or B in 8th Grade science and/or an Advanced Proficient on the state science exam.

Content: Students have an opportunity to explore the fields of Chemistry, Physics and Earth Science in detail in this course. Chemistry units include: matter, chemical, and nuclear reactions. Physics units include: motion, forces, and energy. Students will also study topics on the universe, geology, and weather in the Earth Science portion of the course. This is considered a foundation course for all other science courses and addresses NGSS topics. This is considered a foundation course for other physical science courses. As an accelerated course, students will be asked to study topics in more depth and be expected to complete additional projects.

Social Studies Department

Social Studies Graduation Requirements

All students must have a minimum of 3 Social Studies credits in the following areas for graduation:

U.S. History (1 credit): Modern U.S. History (9th), Advanced Modern U.S. History (9th) or AP U.S. History (10th/11th/12th)

World History (1 credit): A total of 1 full credit of World History. Each student (10th) must select two (2) of the following four (4) term courses, or take A.P. World History (1.5 credits)

- World Cultures (1/2 credit)
- World Conflicts (1/2 credit)
- Great Civilizations (1/2 credit)
- Human Footprints (1/2 credit)

Government (1/2 credit): American Democracy (12th) or AP U.S. Government (12th)

Elective (1/2 credit): All students must have a ½ credit elective of your choice (10th – 12th)

	Grades Permitted to Enroll				Credit	Prerequisite (Co-requisite denoted "Co")
	9	10	11	12		
Modern U.S. History (D1050)	X				1	
Advanced Modern U.S. History (D1060)	X				1	
AP Human Geography (D6100)	X	X	X	X	1	

U.S. History Courses

MODERN U.S. HISTORY (D1050) 1.0 credit

Grade: 9

Content: This course is a study of United States history from World War I to the present. Emphasis is placed on relating the significance and importance of major events, movements, and leaders. This course is required for graduation.

ADVANCED U.S. HISTORY (D1060) 1.0 credit

Grade: 9

Content: Advanced U.S. History is a rigorous, fast paced and challenging course designed to prepare students for AP courses. Our focus of study will be World War 1 to modern day America. Students should possess strong reading and writing skills and be willing to devote substantial time to study and complete class reading assignments in school and at home. Emphasis placed on class discussion, the use of primary and secondary sources, critical reading, and analytical writing. This course fulfills U.S. History requirement for graduation.

ADVANCED PLACEMENT HUMAN GEOGRAPHY (D6100)

1.0 credit

Grades: 9, 10, 11, 12

Content: The purpose of the AP course in Human Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice.

Technical Education Department

Industrial Technology Education at BMHS provides students with an opportunity to explore a variety of technology driven courses ranging from Automotive to Computer Aided Design. With this knowledge, students are provided with skills to select an area that is best suited to their interests and abilities for a career or post-secondary application.

Course Title	Grades Permitted to Enroll				Credit	Prerequisite (Co-requisite denoted "Co")
	9	10	11	12		
Robotics (H1000)	X	X	X	X	0.5	
Automotive Technology 1 (H0039)	X	X	X	X	0.5	
Automotive Technology 2 (H0040)	X	X	X	X	1	Automotive Technology 1 with a C or better.
IT Fundamentals (H4001)	X	X	X	X	1	
IT Network 1 (H4002)	X	X	X	X	1	IT Fundamentals with a C or better
IT Network 2 (H4004)		X	X	X	1	IT Network 1 with a C or better
Construction 1 (H3005)	X	X	X	X	0.5	
Construction 2 (H3006)	X	X	X	X	1	Construction 1 with a C or better
Cabinetry 1 (H3035)	X	X	X	X	0.5	
Cabinetry 2 (H3030)	X	X	X	X	1	Cabinetry 1 with a C or better
Cabinetry 3 (H3036)		X	X	X	1	Cabinetry 2
Machining & CNC Operation I (H3033)	X	X	X	X	1	Geometry
Machining & CNC Operation II (H3028)	X	X	X	X	1	Machining & CNC I with a C or better
Welding I (H3032)	X	X	X	X	0.5	Algebra I
Welding II (H3031)	X	X	X	X	1	Welding I
PLTW: Introduction to Engineering Design (H1011)	X	X	X	X	1	Geometry

Introductory Technology Course

ROBOTICS (H1000)

Grades: 9, 10, 11, 12

0.5 credit

COURSE LOCATION: HENDRICKS CENTER

Content: Exploring Technology is an innovative robotics program that equips students with the resources they need to build an underwater Remotely Operated Vehicle (ROV). Students build the ROV following a curriculum that provides students with the opportunity to learn about robotics, engineering, science, and mathematics (STEM). Throughout the hands-on project, students will learn engineering concepts, problem solving, teamwork, soft skills communication, technical applications and are exposed to exciting STEM careers. The Challenge fosters an end goal, rewards, sportsmanship, spirit, and presentation skills.

Automotive Technology Courses

AUTOMOTIVE TECHNOLOGY I (H0039)

Grades: 9, 10, 11, 12

0.5 credit

COURSE LOCATION: HENDRICKS CENTER

Recommended: Coveralls, Safety Glasses

Content: In this first-level class, students will be introduced to the fundamentals of the modern day automotive technical servicing including, careers, basic maintenance, cooling system service, vehicle electrical systems, routine and preventive maintenance and safe use of vehicle lifting and hoist mechanisms. Instruction is also given in S/P2 internet bases safety, tools/equipment use and using computer service information.

AUTOMOTIVE TECHNOLOGY II (H0040)

Grades: 9, 10, 11, 12

1.0 credit

Prerequisite: Recommended C or better in Automotive Technology I.

COURSE LOCATION: HENDRICKS CENTER

Recommended: Coveralls, Safety Glasses

Content: The course consists of a combination of classroom instruction, computer-based learning activities and hands-on lab work. Topics covered include careers, engines diagnostic and performance, brakes, cooling and electrical systems as well as advance maintenance.

Information Technology Courses

IT FUNDAMENTALS (H4001)

1.0 credit

Grades: 9,10,11,12

Content: The key audiences for this class are students who are not sure if they are interested in the information Technology field. The course emphasizes the practical application of skills and procedures needed for hardware and software installations, upgrades, and troubleshooting systems. Emphasis will be on both theory and hands-on activities. This class is an introduction class and so there are no prerequisites.

Students may be responsible for purchasing projects made in class.

IT NETWORK 1 (H4002)

1.0 credit

Grades: 9, 10, 11, 12

Prerequisite: IT Fundamentals

Content: IT Network 1 is designed for students with basic PC skills and foundational math and problem solving skills. Students are not expected to have knowledge of binary math and algorithms. Emphasis will be on both theory and hands-on activities. This class is a second level class, which will require students to have completed IT Fundamentals.

The curriculum consists of four courses:

- Networking for Home and Small Businesses
- Working at a Small-to-Medium Business or ISP
- Introducing routing and Switching in the Enterprise
- Designing and supporting Computer Networks

The courses are delivered sequentially, and each course is a prerequisite for the next course.

Students may be responsible for purchasing projects made in class.

Building Trades Courses

CONSTRUCTION 1 (H3005)

0.5 credit

Grades: 9, 10, 11, 12

Content: This course is designed for students at the beginning of the pathway for the building trade's field. This term long course will introduce students to the basics in the building trade's field. Students in this course will accurately design blueprints and build to scale; a model home to industry standards. Key concepts students will learn in this course are: safety; using blueprints; basic residential framing for floors, walls, and roof; basic operation of power equipment used in the building trades industry. Students will be assessed on their ability to produce and complete accurate and high quality products related to the build trades field. **Students may be responsible for purchasing projects made in class.**

CONSTRUCTION 2 (H3006)

1.0 credit

Grades: 9,10,11,12

Prerequisite: Must pass Construction 1 with a C or better

Content: This course is designed for students in the middle of the pathway for the building trade's field. Students in this course will accurately design and build industry standard modules. Key concepts students will learn in this course are: safety, designing and using blueprints; basic residential electrical, framing for floors, walls, and roofs and on the safe operation of power equipment used in industry. Students will also learn the industry standards for Electrical, Insulation, Drywall, Hanging Windows and Doors, Installing Flooring (Tile and Laminate). Students will be assessed on their ability to produce and complete accurate and high quality products related to the building trade's field.

Students may be responsible for purchasing projects made in class.

CABINETRY 1 (H3035)

Grades: 9,10,11,12

0.5 credit

Content: This course will be targeting students who are potentially interested in a career in the cabinetry and millwork field. Key curricular concepts in this course will be teaching students proper operation and safety in a cabinetry shop as well as basic cabinet creation techniques related to construction, joints, finishing, etc.

Students may be responsible for purchasing projects made in class.

CABINETRY 2 (H3030)**Grades: 9, 10, 11, 12****1.0 credit****Prerequisite:** Cabinetry 1

Content: This course is designed for students in the second level or middle of the pathway for the building trade's field. This semester long course will have students learning and practicing basic to moderate level topics in the building trade's field. Students in this course will produce accurate blueprints and build full-scale cabinets and furniture to industry standards. Key concepts students will learn in this course are: safety, designing and using blueprints; quoting and price estimating; basic residential cabinetmaking; basic operation of power equipment used in the building trades industry; interior trim work; and advanced level mass production furniture construction techniques. Students will be assessed on their ability to produce and complete accurate and high quality products related to the building trade's field.

Students may be responsible for purchasing projects made in class.

Machining & Welding Courses

WELDING I (H3032)**Grades: 9, 10, 11, 12****0.5 credit****Prerequisite:** Algebra I

Content: This course will be targeting students who are potentially interested in the welding field. Key curricular concepts in this course will be teaching students basic welding processes (SMAW, GTAW, and GMAW), welding positions, basic joints, and technical drawings. This course will prepare students for Advanced Welding & Fabrication.

WELDING II (H3031)**Grades: 9, 10, 11, 12****1.0 credit****Pre-requisites:** Welding 1

Content: This course will build on skills taught in welding 1. Content will include welding symbols and blueprints Gas Tungsten Arc Welding (GTAW or TIG), Gas Metal Arc Welding (GTAW or MIG) and Shielded Metal Arc Welding (SMAW) on aluminum, stainless steel and mild steel in all positions on a variety of weld joints. Additionally students will become proficient in the use of cutting and fabrication tools and equipment such as plasma, oxy-acetylene, iron worker, bending machines and hand tools. This course will prepare students for Welding 3 (Fabrication). Assessment will consist of written quizzes and tests and hands on weldments which will be evaluated continuously as part of their daily work.

MACHINING & CNC Operations I (H3033)**Grades: 9, 10, 11, 12****0.5 credit****Prerequisite:** Geometry

Content: This course is designed for students who are potentially interested in a career in the machining field. Key curricular concepts in this course will be teaching students basic machining operations and intro to metal working equipment to include; manual machining skills, speeds and feeds, precision and measurement, computer numerically controlled mills & lathes.

MACHINING & CNC OPERATIONS II (H3031)**Grades: 9, 10, 11, 12****1.0 credit****Prerequisite:** Machining & CNC Operations I

Content: This course will be targeting students who are interested in and/or actively pursuing a career in the machining field. Key curricular concepts in this course will be teaching students advanced metal machining techniques using both manual and CNC equipment. Students will learn skills based on *NIMS standards. Projects in this course will be much intense than those of Basic Machining and will be relevant to situations they may/will encounter in a machining career. *NATIONAL INSTITUTE FOR METALWORKING SKILLS

Project Lead the Way Courses

PLTW: INTRODUCTION TO ENGINEERING DESIGN (IED) (H1011)**Grades: 9, 10, 11, 12****1.0 credit****Prerequisite:**

Content: This course teaches problem-solving skills using a design development process. Models of product solutions are created analyzed and communicated using solid modeling computer design software. Along the way, students will learn basic drafting and Computer Aided Drafting (CAD) skills.

Students may be responsible for purchasing projects made in class.

World Languages Department

World Language study is a vital portion of a student's high school career. Some colleges require that applicants for admission have completed at least two credits of the same world language. Three credits are strongly recommended. Beloit Memorial High School currently offers two world languages: Spanish and French. **Students will be asked to donate money to try cultural foods in some classes of French and Spanish.**

	Grades Permitted to Enroll				Credit	Prerequisite (Co-requisite denoted "Co")
	9	10	11	12		
French 1 (K1010)	X	X	X	X	1	
French 2 (K1012)	X	X	X	X	1	Recommended C or better in French 1
Spanish 1 (K1040)	X	X	X	X	1	
Spanish 2 (K1042)	X	X	X	X	1	Recommended C or better in Spanish 1

Course Sequences

French	Spanish	Spanish for Spanish Speakers (SSS)
1	1	1
2	2	2
3	3	3
4	4	
AP French 5	AP Spanish 5	AP Spanish 5

French Language Courses

FRENCH 1 (K1010) **1.0 credit**

Grades: 9, 10, 11, 12

Content: This course stresses listening, speaking, reading and writing skills. Along with repetition and other speaking exercises with partners, original written dialogues and peer presentations are also required. Emphasis is on vocabulary and basic sentence structure. In addition, students will learn about France (particularly Paris) and French-speaking countries, their people and cultures. Daily use of technology is integrated for formative assessment.

FRENCH 2 (K1012) **1.0 credit**

Grades: 9, 10, 11, 12

Prerequisite: Recommended C or better in French 1

Content: This course continues the work of French 1 with an increasing emphasis on writing and speaking. Students will be expected to maintain a separate journal in the target language and present dialogues periodically. Course content includes supplemental vocabulary to level 1 knowledge base and an extensive study of the household, foods, regular & irregular verb usage, both present and preterite tenses. An introduction to French music is also used to strengthen listening comprehension and phonetic skills. Daily use of technology is integrated for formative assessment.

Spanish Language Courses

SPANISH 1 (K1040)

1.0 credit

Grades, 9, 10, 11, 12

Content: Students will be actively involved in a variety of listening, speaking, reading, and writing exercises in Spanish. Activities are designed based on national standards that students will learn about communication in Spanish, cultures that use Spanish, connections to other disciplines, comparisons with their own experiences, and how the target language relates to our community. Activities include pronunciation and memorization of vocabulary, speaking practice, application and manipulation of grammatical principals, listening activities, video prompts, cultural research and readings, excerpts of films, projects and presentations involving technology, and quizzes and summative tests. Students are assessed on their accuracy and fluency using basic language skills.

SPANISH 2 (K1042)

1.0 credit

Grades: 9, 10, 11, 12

Prerequisite: Recommended C or better in Spanish 1

Content: Students are expected to participate in class daily by speaking, reading, writing, and listening in Spanish. Instruction will be more than 50% in Spanish and aligned with national standards mentioned in the level 1 description. Students will study culture and geography of several Hispanic countries. Listening, speaking, reading, writing projects and performances will involve students communicating about events in the past on a variety of topics and situations. (Students are assessed on their accuracy and fluency using developing language skills.)

BMHS Four Year Planning Guide

As you prepare to register for courses for this next year, you should review your past and future goals. How do classes you have taken or will take next year “fit” your plans? Please use this sheet as a planning guide. If you need further assistance, please feel free to contact your school counselor.

Subject	BMHS Requirements
ENGLISH	<u>4 CREDITS Including:</u> English 9 or Acc English 9 English 10 or Acc English 10 English 11 or Acc English 11 or Afric Amer Lit English 12 or Womens Writers Blackhawk Communications (Senior English) AP Literature & Comp English Elective
SOCIAL STUDIES	<u>3 CREDITS Including:</u> US History or Advanced US History World History (Must Select 2 of the Following) * Great Civilization *World Cultures *World Conflicts *Human Footprints American Democracy Social Studies Elective
SCIENCE	<u>3 CREDITS Including:</u> Physical Science Biological Science (Ecology/Human Biology) Science Elective
MATH	<u>3 CREDITS Including:</u> Algebra 1 Geometry Algebra 2 Math Elective
PHYSICAL EDUCATION	<u>1.5 CREDITS Including:</u> PE 9 or General PE 2 PE Electives
HEALTH	<u>.5 CREDITS</u> Health
PERSONAL FINANCE	<u>.5 CREDITS</u> Personal Finance
ELECTIVES	<u>10.5 Credits</u>
TOTAL CREDITS	26 CREDITS

Subject	University of Wisconsin System Requirements
ENGLISH	For most University of Wisconsin Schools: *Rank in the Top 30-50% of Class *Successful Completion of the Following Subjects: <div style="text-align: center;">4 CREDITS</div>
SOCIAL STUDIES	3-4 CREDITS
SCIENCE	2-3 CREDITS
MATH	<u>3-4 CREDITS Including:</u> Algebra Geometry Algebra 2
WORLD LANGUAGES	Recommended: 2 Years of a single World Language. Please verify - the entrance requirements could range anywhere from 0-4 years.
ELECTIVES	7 Credits or More: Students completing rigorous courses including senior year, will be stronger candidates for admission
TOTAL CREDITS	22+ CREDITS

Graduation Requirements & Planning Guide

EARLY GRADUATION

Students who completed all graduation requirements for Beloit Memorial High School may apply for early graduation. Per School District of Beloit Board Policy students must complete 7 semesters of high school. A student who is considering early graduation must meet the following requirements:

- Must meet all credit and course requirements for graduation.
- Must complete an Early Completion Request Form before the start of your senior year.
- Must submit a written rationale and second semester plan along with the Early Completion Request Form. This rationale or plan should demonstrate college and/or career readiness.
- Must submit a parent written rationale and second semester plan along with the Early Completion Request Form.

All early graduates will be included in senior activities.

GUIDELINES FOR DROPPING COURSES

The following guidelines are to be strictly followed when considering/processing a course drop once a class has begun:

1. As stated on the front, a meeting must occur with a teacher, student, parent, counselor and administration before the course can be dropped.
2. The student must have failed the first term of the two term class.
3. There must be a class with an available seat for the student to be placed in that block.
4. Students are not to drop courses to become an office worker or teacher assistant.

If the participants at the meeting can agree that the drop is necessary due to the skill level of the class being too difficult and the necessary criteria is met, then the drop can proceed. However, if the reasons for the drop center on **lack of motivation, poor attendance or personal conflict**, then the drop should be **denied** because the student has it within his/her power to achieve a better outcome in the course. When a drop is denied, the participants at the meeting should decide and formalize a workable strategy for student success.

Prioritizing Drops

Before any drops can be considered, the students who have incomplete schedules must have their schedules filled first.

Seniors who need to drop a class in order to make room for a required course should be considered first. Juniors trying to meet requirements should be considered second, then sophomores, then freshmen.

Grading Policy

- Up to 5 days into the term:
Courses dropped with no penalty.
- Drops **prior** to mid-term grade:
W on transcript
- Drops **after** mid-term grade:
F(unless IEP driven) on transcript
- Moving out of the district:
W on transcript unless it is late enough in the term to award credit.
- Transferring to alternative programs:
W or F on transcript depending on time of change unless late enough to award credit.

BMHS Planning Information

Retaking a failed core course

Students are encouraged to maintain a passing grade in all courses. Students may only retake core courses during Knight School or during BMHS Summer School.

Odyssey is the School District of Beloit's online learning software. Please don't expect this to be easy. In fact, in many ways, online learning is more difficult than the normal classroom setting. It requires self-motivation.

Night School

Night school provide students with the opportunity to recover failed credits required for graduation. Students attend classes Monday-Thursday. Regular attendance is mandatory to complete the course. Students may register with their counselor.

Summer School

Beloit Memorial High School's summer school for high school students is aimed at helping students recover credits and gain achievement. Students may enroll in this six-week program for initial credits or to recover failed credits required for graduation. Regular attendance is mandatory to complete the course. Registration will be available in the spring.

National Honors Society

The National Honor Society (NHS) is the nation's premier organization established to recognize outstanding high school students. More than just an honor roll, NHS serves to recognize those students who have demonstrated excellence in the areas of scholarship, service, leadership, and character.

At BMHS, the first phase of selection is based on GPA. All juniors and seniors with a GPA of 3.5 or above will be sent an application in the fall. Those that return an application will be reviewed by the Faculty Council on the grounds of service, leadership, and character. The Faculty Council then votes on which students to select. Students that are selected are inducted into the chapter in November.

Testing and Assessment Information

The ACT, or American College Testing, is a standardized collegiate examination, similar to the Scholastic Aptitude Test (SAT). As of 2008, nearly all four-year colleges and universities in the United States accept the ACT, although every school factors the results into admission decisions differently.

The Wisconsin Department of Public Instruction has entered into a partnership with ACT®, Inc. to comprehensively assess Wisconsin high school students: (cost to all juniors first time is free).

- 9th grade students will take the ACT Aspire™ Early High School assessment in the Fall and Spring.
- 10th grade students will take the ACT Aspire™ Early High School assessment in Spring.
- 11th grade students will take The ACT® Plus Writing and the ACT® WorkKeys® Assessment System in the Spring.

ACT Aspire™ Early High School - ACT Aspire assesses student readiness in English, math, reading, science, and writing. ACT Aspire is an online assessment in Wisconsin except for students who require accommodations through Braille, Large Print or American Sign Language who will take ACT Aspire in a paper and pencil format.

The ACT® Plus Writing - The ACT Plus Writing consists of four multiple-choice tests: English, Mathematics, Reading, and Science; and a 30-minute essay test that measures writing skills.

(DPI: <http://oea.dpi.wi.gov/assessment/ACT>)

Students wanting to take an additional ACT can sign up with their counselor.

The SAT and PSAT Testing Information

The SAT

The Scholastic Aptitude Test (SAT) is offered at Beloit Memorial High School two times a year. Check with your counselor to determine when the SAT testing will occur.

The PSAT

The Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT/NMSQT) is a program co-sponsored by the College Board and National Merit Scholarship Corporation (NMSC). It's a standardized test that provides firsthand practice for the SAT®. It also gives you a chance to enter NMSC scholarship programs and gain access to college and career planning tools.

College Credit Options & Additional Programming

ADVANCEMENT PLACEMENT COURSES

WHAT IS ADVANCED PLACEMENT?

The purpose of Advanced Placement (AP) courses are twofold: (1) to provide students with a learning experience equivalent to that of an introductory college course, and (2) to allow students to earn college credits while still in high school. AP courses will require students to complete extensive reading, to effectively write academic papers, and to actively participate in course discussions.

BENEFITS OF AP

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

COST OF AP EXAMS

Students have to pay for each exam taken. The cost is approximately \$91 per exam.

ADVANCED PLACEMENT (AP) COURSES

ARTS

- AP Art History
- AP Music Theory
- AP Studio Art: 2-D Design
- AP Studio Art: 3-D Design
- AP Studio Art: Drawing

ENGLISH

- AP English Language and Composition
- AP English Literature and Composition

HISTORY & SOCIAL SCIENCE

- AP European History
- AP Human Geography
- AP Psychology
- AP United States Government and Politics
- AP United States History
- AP World History

MATH & COMPUTER SCIENCE

- AP Calculus AB
- AP Calculus BC
- AP Statistics

SCIENCES

- AP Biology
- AP Chemistry
- AP Environmental Science
- AP Physics 1
- AP Physics 2

WORLD LANGUAGES & CULTURES

- AP French Language and Culture
- AP Spanish Language and Culture

PORTER SCHOLAR INFORMATION

The Porter Scholar Program is a cooperative effort between Beloit College and Beloit Memorial High School designed to give high school seniors release time during the school day to attend one class at Beloit College. A Porter Scholar must be in the top 10% of the junior class to be eligible to take tuition free course work at Beloit College. Interested students must fill out an admission application for Beloit College and return it to their high school counselor by the middle of April. Students will be notified of acceptance into the program by June. For more information, contact the School Counseling Office at Beloit Memorial High School. Even if you're applying for the Porter Scholar Program, you still need to select a full schedule. **THIS PROGRAM IS OPEN TO SENIORS ONLY.**

YOUTH OPTIONS PROGRAM

The Youth Options Program allows students to take post-secondary courses at a UW Campus, a Wisconsin technical college, or a participating state private college. Courses chosen in this program are those NOT offered by the local high school. The school board pays tuition if the course is taken for high school credit. It is possible to receive both high school and college credit for courses successfully completed. A completed application is due to your counselor and must be turned in before the enrollment deadline. The spring deadline date is March 1 for classes taken 1st semester and the fall deadline date is October 1 for classes taken 2nd semester. The student must provide their own transportation if courses are taught off the BMHS campus. The student will be required to reimburse the school district for tuition and fees if the student drops or fails the course. Please see your school counselor for a brochure, application or more information.

WISCONSIN YOUTH APPRENTICESHIP PROGRAM

The curricula define specific competencies students must master through combined classroom and work-based instruction. Requirements for one and two year programs will vary. Students will be awarded a Certificate of Occupational Proficiency by the Department of Workforce Development (DWD) when they successfully complete their high school diploma requirements and achieve the specific competencies required. Students will be eligible for advanced standing credits at Blackhawk Technical College, other Wisconsin technical colleges, and state colleges. The Certified Nursing Assistant (CNA) courses are a part of this program.

SCHOOL TO WORK PROGRAM

The opportunity to experience hands on education while still in high school can be valuable. The school to work program allows students to work in a career field before making their post-high school

decisions. Upon graduation, students are recognized with a certificate of completion of entry-level skills. The employer knows individuals are coming to them to pursue a career and not just a paycheck.

PROJECT LEAD THE WAY

Project Lead the Way (PLTW) is a pre-engineering program consisting of a series of courses that will provide students with a solid foundation of engineering related skills and knowledge. This will allow them to enter post-secondary engineering and related programs with advanced standing and, in some cases, transcribed college credits. During the 2015 – 2016 school year, PLTW course offerings include; Intro to Engineering Design, Principles of Engineering, and Digital Electronics. All courses will be offered through the Industrial Technology Education Department.

COLLEGE CREDITS

Courses listed below are advanced or transcribed credit courses taken during high school at BMHS. You will receive college credit after graduation if you enroll in the college within 27 months of graduation.

MICROSOFT OFFICE CERTIFICATION



- **MICROSOFT OFFICE SPECIALISTS (MOS)**

BLACKHAWK TECHNICAL COLLEGE



- Medical Terminology
- Introduction to Corrections
- Principles of Emergency Services
- Business Foundations
- Business Management
- Child Development
- Early Childhood Education 1
- Early Childhood Education 2
- Early Childhood Education 3
- Health Careers and Occupations
- Hospitality Services 2
- Blackhawk Communication
- Foundations of Early Childhood Education
- Automotive
- Math for Technical Careers



UW ROCK COUNTY COLLEGE

- Introduction to Public Speaking



GATEWAY TECHNICAL COLLEGE

- Automotive

Enrollment in Courses Categorized Above Grade Level

Courses in the course selection book are listed at appropriate grade level as determined by each department. Courses are listed by grade level to facilitate the greatest opportunity for student academic success. To establish the grade level, prior knowledge and developmental readiness for course topics are taken into account.

However, there are situation which warrant consideration for a student to request enrollment in a course above their grade level. As long as a student meets any curricular prerequisites, they may petition for enrollment by completing the following steps.

1. Indicate the intended course on the course selection sheet by course name and number.
2. Complete the petition for enrollment available from the student's counselor.
3. Return the completed form to your counselor by the deadline listed on the petition form.
4. Attend a meeting with your parent or guardian which will include the appropriate department chair, counselor and instructor (if known) to determine the status of enrollment. This meeting will be organized and convened by the counselor.

If should be noted that even if enrollment is granted, the request will be filled only if seats are available. Courses are first filled by seniors, then juniors, sophomores, and freshmen.

Petition for Enrollment in Course above Grade Level

Student: _____

Parent/Guardian: _____

Address: _____ Phone: _____

Course Requested: _____ Course Number: _____

Please check one (1) of the following reasons for your request:

☐ Identified as Gifted & Talented by School District of Beloit in area of request.

☐ ACT scores indicate advanced prior knowledge in the area of request.

☐ Supported claim of high interest in this area.
(Support may be in the form of extensive prior experience or involvement.)

☐ Other (Please Specify): _____

Please explain your reasons for requesting enrollment in this course and indicate support as necessary.

*****PLEASE see your counselor for a copy of this form*****



Beloit Memorial High School

1225 Fourth Street
Beloit, Wisconsin 53511
(608) 361-3000
Carole Campbell, Principal
Ccampbel@sdb.k12.wi.us

Board of Education

Laurie Endres, President
Kris Klobucar, Vice President
Shelly Cronin, Treasurer
Wendy Sanchez, Clerk
Lisa Anderson-Levy, Member
Dennis Baskin, Member
Pam Charles, Member

Superintendent

Dr. Tom Johnson

The School District of Beloit complies with all federal, state and local laws prohibiting discrimination against students based on their membership in any protected class.

The School District of Beloit complies with all federal, state and local laws prohibiting discrimination in employment based on a person's membership in a protected class.

The mission of the School District of Beloit, committed to excellence and strengthened and enriched by diversity, is to prepare each student to compete, contribute and thrive as an admirable citizen in a rapidly changing world by engaging students in a wide variety of high quality, relevant programs in partnership with families, schools and the stateline community.

Kolak Education Center, The Roosevelt Building
1633 Keeler Avenue, Beloit, WI 53511
Office: (608) 361-4016
FAX: (608) 361-4122
District Web Site: www.sdb.k12.wi.us