



2017 Beloit Memorial High School Summer School Program

June 19-July 28
No School on July 3 & 4

Registration

Any student entering grades 9-12 this fall are eligible to participate. *Credit Recovery students may only select one course; once completed, they will be registered for another.*

- **Incoming 9th graders may only pick from Initial Credit Courses and Enrichment Courses that are open to 9th graders.** (pages 2-4)
 - Grades 10-12 Credit Recovery – pages 5-8
 - Grades 10-12 Initial Credit Courses – pages 9-11
 - Grades 10-12 Non Credit Enrichment – page 12
- Classes are filled on a first-come, first served basis.

Registration is available online at:

- **Freshmen:**
<https://goo.gl/forms/V2oL760VqchjXiK22>
- **Grades 10-12:**
<https://goo.gl/forms/RhI4XUTJ6o90IDRz>

Attendance Expectations

- Attendance is required for credit. Students enrolled in initial credit courses missing more than 2 absences (excused or unexcused) will not receive credit.
- Students enrolled in credit recovery courses missing more than 5 absences (excused or unexcused) will not receive credit.
- Students arriving 15 minutes late or more at the start of class, or who are 15 minutes late or more from break will be considered absent for the entire day.

Daily Schedule

Breakfast	7:30-8:00 am
Classes	8:00-12:05 pm
Lunch	12:05-12:45 pm

Grading Procedures

- Students are to abide by the grading syllabus set by each summer school teacher.
- Students enrolled in an English credit recovery course are required to complete a final written assessment.
- Students enrolled in a math credit recovery course are required to complete a final assessment.
- Notes are calculated in the final grade.

Behavior Expectations

- All Summer School students will comply with the Discipline Code of Conduct set by the School District of Beloit
- Students should be with a coach or teacher at all times.
- Students should be off-campus by 1:00 pm.



School District of Beloit
thinking beyond now



Freshmen Course Offerings

For incoming Grade 9 Students

INITIAL CREDIT COURSES

2-D Art

.5 Credit

Grades 9-12

Content: An introductory art & design course that is a prerequisite course for Drawing, Painting, Printmaking & Intro to Graphics. Students will explore 2-dimensional art & design problems through drawing, painting, printmaking, collage and computer art. Creativity, craftsmanship, and the use of the Elements of Art & Principles of Design are emphasized. Students may be responsible for purchasing projects made in class.

EXPLORING TECHNOLOGY

.5 Credit

Grades 9-12

Content: This course is designed to introduce students to the world of technology through experiences in blueprint reading, construction, cabinet making, automotive, welding, machining, manufacturing and engineering in order to gauge one's ability and interest in careers encompasses within the world of technology. This course is the stepping-stone to basic and advanced technology education courses. **Students may be responsible for purchasing materials used in class projects.**

HEALTH

.5 Credit

Grade 9 – Required for graduation.

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.

GENERAL PHYSICAL EDUCATION 9

.5 Credit

Grade 9

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

Content: This 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 fitness being emphasized. A swimming unit is required. This course can count towards the required 1.5 Physical Education credits needed for graduation.

Freshmen Course Offerings CONTINUED

ENRICHMENT- NON-CREDIT COURSES

ADVANCED PLACEMENT (AP PREP COURSE)

Grades 9-12

Prerequisite: None

Note: BMHS Offers 24 AP Courses

Content: The Advanced Placement Prep Course will provide tools for all students who would like to learn tools, skills, and strategies for any advanced placement course.

INTRODUCTION TO ALGEBRA

Grade 9

Prerequisite: None

Content: This course provides a brief review of introductory algebra topics. Topics to be covered include integer operations, order of operations, perimeter and area, fractions and decimals, scientific notation, ratios and rates, conversions, percentages, algebraic expressions, linear equations, the Pythagorean Theorem, and graphing.



Summer Credit Recovery Courses

For incoming grades 10-12

ENGLISH

ENGLISH 9 Part 1 .5 Credit

ENGLISH 9 Part 2 .5 Credit

Content: Required for Graduation. This course follows the College Board's Springboard curriculum set throughout the school year. This course will provide each student with a firm foundation in the four core skills of reading, writing, listening and speaking. Students will have to complete a written assignment to complete this course.

ENGLISH 10 Part 1 .5 Credit

ENGLISH 10 Part 2 .5 Credit

Content: Required for Graduation. This course follows the College Board's Springboard curriculum set throughout the school year. This course will build upon the student's previous experience in English 9. Each student will continue in the study of literature. Students will have to complete a written assignment to complete this course.

ENGLISH 11 Part 1 .5 Credit

ENGLISH 11 Part 2 .5 Credit

Content: Required for Graduation. This course follows the College Board's Springboard curriculum set throughout the school year. English 11 builds upon the student's previous experience in English 9 and English 10. Each student will continue working within the four core skills of reading, writing, listening and speaking. This is a required course in the study of the American Dream and focuses on American literature, including short stories, novels, drama, poetry and essays. Students will have to complete a written assignment to complete this course.

ENGLISH 12 Part 1 .5 Credit

ENGLISH 12 Part 2 .5 Credit

Content: Required for Graduation. This course follows the College Board's Springboard curriculum set throughout the school year. English 12 will build upon the student's previous experiences in English 9, English 10, and English 11. This required course focuses on the four core skills of reading, writing, listening and speaking. Students will have to complete a written assignment to complete this course.

MATH

ALGEBRA 1 Part 1 .5 Credit

ALGEBRA 2 Part 2 .5 Credit

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. Students will have to complete a written test to complete this course.

GEOMETRY Part 1 .5 Credit**GEOMETRY Part 2 .5 Credit**

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. Students will have to complete a written test to complete this course.

ALGEBRA 2 Part 1 .5 Credit**ALGEBRA 2 Part 2 .5 Credit**

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. Students will have to complete a written test to complete this course.

SCIENCE

BIOLOGY SERIES: ANATOMY AND PHYSIOLOGY .5 Credit

Content: This course covers the basics of human anatomy and physiology including anatomical terminology, basic biochemistry, cells and tissues, and the integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic/immune, respiratory, digestive, urinary, and reproductive systems. It will also introduce common human disease processes. Students should expect an extensive lab experience. This course is designed for students interested in an in-depth study of the human body.

BIOLOGY SERIES: BOTANY .5 Credit

Content: The biological themes of genetics, evolution, cells, and population dynamics will be taught from a plant perspective. Students will learn the evolution of plants, the importance of plants in our ecosystem, as well as the diversity of the plant kingdom. Students will be growing plants and investigating their properties in order to understand botany concepts.

BIOLOGY SERIES: ECOLOGY .5 Credit

Content: The biological themes of genetics, evolution, cells, and population dynamics will be taught from an ecological perspective. Students will identify different species and recognize how they fit in their environments. Activities include the building of a self-contained ecosystem (fish in a bottle), natural selection studies, and plant and soil testing. Ecology students will have the opportunity to serve as guides for the 5th grade Outdoor Environmental Education trips.

BIOLOGY SERIES: ZOOLOGY .5 Credit

Content: The biological themes of genetics, evolution, cells, and population dynamics will be taught from an animal perspective. Students will explore animal diversity from primitive organisms through advanced vertebrates. Activities will include dissection and comparative studies.

EARTH SERIES: ASTRONOMY .5 Credit

Content: This course will explore how physical laws govern the universe. Students will trace the evolution of historic cosmological ideas into modern theories. Additionally, students will compare the structure and motion of solar system bodies. Students will study the life cycle of stars and the structure of galaxies. Space travel of the past, present and future will also be explored.

EARTH SERIES: WATER, WEATHER & CLIMATE .5 Credit

Content: This course focuses on the interactions and movement of water in, on and above our planet. Students will study the interaction of energy with the water and atmosphere and the resulting geography of weather and climate. Environmental issues such as global warming, water and air pollution will be explored.

GENERAL CHEMISTRY Part 1 .5 Credit**GENERAL CHEMISTRY Part 2 .5 Credit**

Prerequisite: Algebra I and Physical Science 9 or Accelerated Physical Science 9

Content: Why do lemons taste sour? Why does ice float? Why does pop go flat? How do a poisonous gas and an explosive metal combine to form a substance you can't live without? In General Chemistry, students explore the answers to these questions and many more. The course topics include: dimensional analysis, atomic structure, the Periodic Table, states of matter, quantum theory, bonding, reactions gas laws, solutions, acids and bases, and oxidation-reduction. This course is recommended for, but not limited to, college-bound students.

PHYSICAL SCIENCE 9 Part 1 .5 Credit**PHYSICAL SCIENCE 9 Part 2 .5 Credit**

Content: Required for Graduation. 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 other physical science courses.

PHYSICS Part 1 .5 Credit**PHYSICS Part 2 .5 Credit**

Content: Can you travel backward in time? Can a penny dropped from the Empire State Building kill someone below? How do airbags save lives? How do lasers work? Physics students can discover the answers to these or other questions about the laws of nature. Topics include: velocity, acceleration, speed of light travel, momentum, forces, energy, waves, electricity, light, and nuclear forces. This course is recommended for, but not limited to, college bound students.

SOCIAL STUDIES**AMERICAN DEMOCRACY .5 Credit**

Content: Required for graduation. This course examines how the United States is governed at the local, state, and national levels. There is a special emphasis on the U.S. Constitution and how the three branches of government work. **This course is required for graduation but students may substitute Advanced Placement Government.**

ECONOMICS .5 Credit

Content: Economics is a complex and interesting subject involving consumers, businesses and the government as participants in an increasingly global marketplace. Students will learn and practice basic microeconomic and macroeconomic concepts.

U.S. HISTORY – PART 1 .5 Credit**U.S. HISTORY – PART 2 .5 Credit**

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

WORLD CULTURES .5 Credit

Content: This class examines the everyday life of people living in the Middle East, Russia, Latin America, and Africa. Students will learn about the following aspects of other cultures: religion, economics, traditions, family structure, and institutions.

WORLD HISTORY – PART 1 .5 Credit**WORLD HISTORY – PART 2 .5 Credit**

Content: Required for graduation. World History is a survey course that examines themes, movements, people, and events that have shaped the modern world. This class covers concepts from early man to the twentieth century. A world history course is required for graduation.

OTHER CREDIT RECOVERY COURSES**GENERAL PHYSICAL EDUCATION .5 Credit****Grades 10-12**

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

Content: Emphasis is placed on fitness and refinement of skills developed in previous years of Physical Education courses. A wide range of individual, dual, and team activities, including a swim unit, will be offered. Lifetime fitness and activities will be emphasized.

PERSONAL FINANCE .5 Credit**Odyssey Online Course**

Content: A working knowledge of personal finances is essential for all citizens. This course studies practical mathematics used in daily life. Important topics covered in this course include the following: consumer credit; stock market investing; personal financial planning & budgeting; comparison of wages and salaries; personal banking (traditional and online); buying, maintaining, financing and insuring a home/apartment and/or care; taxes; and more. A simple four-function calculator is required.



Initial Credit Courses

For grades 9-12

ART

2-D Art .5 Credit **Grades 9-12**

Content: An introductory art & design course that is a prerequisite course for Drawing, Painting, Printmaking & Intro to Graphics. Students will explore 2-dimensional art & design problems through drawing, painting, printmaking, collage & computer art. Creativity, craftsmanship, and the use of the Elements of Art & Principles of Design are emphasized. Students may be responsible for purchasing projects made in class.

ENGLISH

CREATING WRITING .5 Credit **Grades 10-12**

Content: This course is designed to foster critical writing and reading skills for students and is based on the belief that active reading and interpreting of texts leads to better writing. Students will read a variety of texts by men and women with multicultural backgrounds. Students will write daily journals and weekly pieces in which they will explore issues and images that connect with readings. Students will share work in class. Students, using their writings, may design and produce a literary magazine.

HISTORY

HISTORY OF THE HOLOCAUST AND GENOCIDE - .5 Credit **Grades 10-12**

Content: As students you have been exposed to the Holocaust. Do we really understand how it was allowed to happen or why? Can genocide still exist today in the modern world? This course will examine anti-Semitism, the Nazis' rise to power and their escalating policies of intolerance and mass murder during WWII. We will also look at genocide from other eras and today's modern world.

PHYSICAL EDUCATION

GENERAL PHYSICAL EDUCATION 9 - .5 Credit **Grade 9**

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

Content: This 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 fitness being emphasized. A swimming unit is required. This course can count towards the required 1.5 Physical Education credits needed for graduation.

GENERAL PHYSICAL EDUCATION - .5 Credit

Grades 10-12

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

Content: Emphasis is placed on fitness and refinement of skills developed in previous years of Physical Education courses. A wide range of individual, dual, and team activities, including a swim unit, will be offered. Lifetime fitness and activities will be emphasized.

Heath - .5 Credit

Grade 9 – Required for graduation.

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.

STRENGTH & CONDITIONING - .5 Credit

Grades 9-12

Prerequisite: Physical Education 9 or General Physical Education.

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

Content: Strength & Conditioning is open to any student who is interested in gaining a stronger sense of how to train their bodies and minds to face physical challenges. This course will focus on how to reach and maintain top physical condition. Daily cardio and strength training through a variety of avenues (which includes the pool, cardio and strength centers, gyms, the outdoors equipment and everyday items) will be the norm. There will also be research and “active” homework. **A HIGH AMOUNT OF INTENSE PHYSICAL ACTIVITY IS TO BE EXPECTED. HIGHLY ENCOURAGED FOR ALL ATHLETES.**

TECHNICAL EDUCATION

EXPLORING TECHNOLOGY - .5 Credit

Grades 9-12

Content: This course is designed to introduce students to the world of technology through experiences in blueprint reading, construction, cabinet making, automotive, welding, machining, manufacturing and engineering in order to gauge one’s ability and interest in careers encompasses within the world of technology. This course is the stepping-stone to basic and advanced technology education courses.

Students may be responsible for purchasing materials used in class projects.



Enrichment Courses (non-credit)

For incoming grades 10-12

ADVANCED PLACEMENT (AP PREP COURSE) BOOT CAMP

Grades 9-12

Prerequisite: None

Note: BMHS Offers 24 AP Courses

Content: The Advanced Placement Prep Course will provide tools for all students who would like to learn tools, skills, and strategies for any advanced placement course.

ACT and TESTING PREP COURSE

Grade 9-12

Prerequisite: None

Content: The ACT Prep Course is devoted to covering all aspects of the ACT test, including test-taking skills, reading comprehension skills. This course is designed to give students an overview of the strategies and problem solving techniques needed to succeed on all sections of the test.

GET LIT: THE ART of POETRY

Grade 9-12

Prerequisite: None

Content: Do you have something to say? Do you have a truth to speak? This course will help students discover their voice. Students will choose a classic poem to recite individually and will work with a group to present another classic poem. Students will also write and present their own response poems both individually and as a group. Additionally, students will read and analyze a variety of classic and modern poems throughout the course.

Skills Focus: Annotations when reading, close reading strategies, specific strategies for analyzing poetry, discussion strategies (Socratic Seminar), writing strategies for creating poetry, and oral presentation skills

GET LIT: CONTEMPORARY LITERATURE

Grade 9-12

Prerequisite: None

Content: The study and appreciation of contemporary writers. The relationship of current literature to society and basic critical approaches are emphasized.

Novels taught: 'Speak' by Sandra Cisneros, 'Makes Me Wanna Holler' by Nathan McCall, 'The Body (novella) in Different Seasons' by Stephen King.

Focus: Annotations when reading close reading strategies, reading strategies (summarizing, predicting, etc), short writing pieces (paragraphs, journals, etc), essay (theme based connecting



Enrichment Courses (non-credit)

For incoming grades 10-12

Grade 9

Prerequisite: None

Content: This course provides a brief review of introductory algebra topics. Topics to be covered include integer operations, order of operations, perimeter and area, fractions and decimals, scientific notation, ratios and rates, conversions, percentages, algebraic expressions, linear equations, the Pythagorean Theorem, and graphing.

STRENGTH & CONDITIONING for non-credit

Grades 9-12

Prerequisite: Physical Education 9 or General Physical Education.

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

Content: Strength & Conditioning is open to any student who is interested in gaining a stronger sense of how to train their bodies and minds to face physical challenges. This course will focus on how to reach and maintain top physical condition. Daily cardio and strength training through a variety of avenues (which includes the pool, cardio and strength centers, gyms, the outdoors equipment and everyday items) will be the norm. There will also be research and “active” homework. **A HIGH AMOUNT OF INTENSE PHYSICAL ACTIVITY IS TO BE EXPECTED. HIGHLY ENCOURAGED FOR ALL ATHLETES.**