

Dear Students and Families,

Welcome to the 2024-2025 school year at Beloit Memorial High School, the Home of the Purple Knights!

We are pleased to present you with our latest Course Catalog and commit to providing you a great educational experience that will provide a solid College and Career Readiness foundation. BMHS offers an incredible scope of courses and programs that allows you to build on your strengths, ignite your passions and interests, and meet your needs for the upcoming year. We are committed to continuous improvement and to providing you rigorous coursework that advances preparation toward College and Career Readiness skills and standards!

BMHS is on a journey to developing and implementing College and Career Ready programming and instructional strategies such as an Academy school structure that organizes and develops Career and College programming pathways as choices for our students. Students have the opportunity to receive college level credits through Advanced Placement (AP) coursework, and our many articulated, transcribed, and dual-credit courses and programs through partnerships with Blackhawk Technical College, UW-Whitewater at Rock County, and UW-Oshkosh. We currently offer **courses that can yield college credit**, are **transcribed**, offer **dual credit**, or **advanced standing**. College level programming is also available at Beloit Memorial High School through Project Lead the Way, High School of Business, Early College Credit Program, Start College Now, Collegiate Academies, and the Porter Scholars program. Whatever college, career, military or workplace adventure you are interested in pursuing, there is a pathway of courses for you, here at BMHS!

Beloit Memorial is a state leader in the area of advanced Career and Technical Education offerings. Students are able to explore careers with current workforce demands such as machining, construction, manufacturing and engineering. 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 Business, Automotive Technology, Early Childhood Education, Construction, Cabinetry, Information Technology, Healthcare, Hospitality, Engineering, and Welding. Students can potentially be on a pathway to earn a Technical Diploma or an Associates Degree while at Beloit Memorial High School in the areas of Automotive Technician, Business Management, Culinary Arts, Early Childhood Education, Foundations of Teacher Education, Pre-Nursing, Spanish and Welding.

Beyond the core and College and Career Ready educational offerings, Beloit Memorial offers students a myriad of electives including Band, Orchestra, Choir 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 swimming pool. Students and staff alike, take advantage of our newly renovated, full scale fitness center.

We encourage you to take time and devote your attention to thinking about your future and to planning your educational journey here at Beloit Memorial High School, the Home of the Purple Knights. 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 pathway to College and Career Readiness.

We are very excited about the upcoming 2024-2025 school year and all it has to offer our students and families. Thank you for reading about our school! Please contact us with any questions!

Sincerely,

The Beloit Memorial High School Admin Team

CAREER PLANNING & COURSE GUIDE

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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 (UW Requirement = 4 Credits)	<u>4 Credits Including:</u> 9 Gr. = 1 cr. = English 9 or Acc English 9 10 Gr. = 1 cr. = English 10, Acc English 10 or Environmental Lit. 11 Gr. = 1 cr. = English 11, African Amer. Lit or AP Lang. & Comp. 12 Gr. = 1 cr. = English 12, Women’s Writers, Lang. & Comp. or AP Lit. & Comp.
SOCIAL STUDIES (UW Requirement = 3 - 4 Credits)	<u>3 Credits Including:</u> 9 Gr. = 1 cr. = U.S. History or Advanced Modern U. S. History 10 Gr. = 1 cr. = World History or AP World History 12 G. = 0.5 cr. = American Democracy or AP U.S. Government + 0.5 cr. Social Studies Elective
SCIENCE (UW Requirement = 3 - 4 Credits)	<u>3 Credits Including:</u> 9 Gr. = 1 cr. = Physical Science or Acc. Physical Science 10 Gr. = 1 cr. = General Biology Science Elective + 1 cr. Science Elective
MATH (UW Requirement = 3 - 4 Credits)	<u>3 Credits Including:</u> 9 Gr. = Algebra 1 + 2 cr. Math Electives
PHYSICAL EDUCATION	<u>1.5 Credits Including:</u> 0.5 cr. = General PE + 1.0 cr. PE Electives
HEALTH	<u>0.5 Credits Including:</u> 9 Gr. = 0.5 cr. = Health
BUSINESS	<u>0.5 Credits Including:</u> 11 Gr. = 0.5 cr. = Personal Finance
ELECTIVES	<u>10.5 Credits Including:</u>
TOTAL CREDITS	26 CREDITS

The 14 Career Exploration Pathways

BMHS Pathways by Academy

BACH Academy

Academy - BACH			
Pathway - Business			
Level 1 Courses (Credits)	Level 2 Courses (Credits)	Level 3 Courses/Capstone (Credits)	Additional Courses/Capstone (Credits)
Microsoft Office (1)	Accounting 1 (1)	Advanced Accounting (1) and/or School Store Internship	<ul style="list-style-type: none"> Youth Leadership Co-op YA/internship/Co-Op (1-2) Entrepreneurship Independent Study (with instructor approval) Introduction to Public Speaking AP Calculus AB and BC AP Language and Composition AP Psychology AP Statistics TEALS
Business Foundations (1)	Intro to Marketing (1)	TBD (1) and/or School Store Internship	
	Business and Personal Law (0.5) Sports and Entertainment Management (0.5)	TBD (1) and/or School Store Internship	

Academy - BACH			
Pathway - Communications and Marketing			
Level 1 Courses (Credits)	Level 2 Courses (Credits)	Level 3 Courses/Capstone (Credits)	Additional Courses/Capstone (Credits)
Introduction to Marketing (1) Or Entrepreneurship 1 (1)	2-D Art (0.5) and Introduction to Graphic Art (0.5)	Introduction to Public Speaking (1) or Digital Art (0.5) and Advanced Digital Art (0.5) or AP Art and Design (2)	<ul style="list-style-type: none"> Beloit Public Library Internship Wely Internship Introduction to Public Speaking YA/Internship (1-2) AP Art and Design AP Music Theory AP Psychology AP Statistics TEALS

Academy - BACH			
Pathway - Entrepreneurship			
Level 1 Courses (Credits)	Level 2 Courses (Credits)	Level 3 Courses/Capstone (Credits)	Additional Courses/Capstone (Credits)
Entrepreneurship 1 (1)	Accounting 1 (1)	TBD - Entrepreneurship 2 (1) and Pitch Competition	<ul style="list-style-type: none"> Youth Leadership Co-op (DPI) YA/Internship (1-2) Introduction to Public Speaking AP Language and Composition AP Psychology AP Statistics TEALS Youth Leadership Co-op (DPI)
	Business Foundations (1)		
	Microsoft Office (1)		

Academy - BACH			
Pathway - Hospitality			
Level 1 Courses (Credits)	Level 2 Courses (Credits)	Level 3 Courses/Capstone (Credits)	Additional Courses/Capstone (Credits)
Food Science (0.5) and Hospitality 1 (0.5)	Psychology (0.5) and Hospitality 2 (0.5)	TBD - Hospitality 3 (1) Principles of Hospitality Management - BTC	<ul style="list-style-type: none"> YA/Internship/Work-Study (1-2) AP Statistics Introduction to Public Speaking

Academy - BACH			
Pathway - Music and Performing Arts			
Level 1 Courses (Credits)	Level 2 Courses (Credits)	Level 3 Courses/Capstone (Credits)	Additional Courses/Capstone (Credits)
Classic Piano (0.5) and Basic Music Theory (0.5) and Participation in one or more performance ensemble	AP Music Theory (1.5) and Participation in one or more performance ensemble	Capstone Composition, Arranging Project, or Senior Recital and Participation in one or more performance ensemble	<ul style="list-style-type: none"> ● YA/Internship (1-2) ● College Level Music course through Early College Credit or Beloit College Porter Scholar ● AP English Literature ● AP Physics ● AP Statistics ● TEALS ● Entrepreneurship Independent Study (with instructor approval)
Performing Arts (0.5) and Advanced Acting (0.5) and Participation in one or more theatre productions	Theater Arts (1.0) and Participation in one or more theatre productions	Theater Crafts (1.0) or Senior Recital and Participation in one or more theatre productions	

Academy - BACH			
Pathway - Visual Arts			
Level 1 Courses (Credits)	Level 2 Courses (Credits)	Level 3 Courses/Capstone (Credits)	Additional Courses/Capstone (Credits)
2-D Art (0.5) 3-D Art (0.5) Applied Arts (0.5)	Take 2 of these courses: Drawing (0.5) Painting (0.5) Sculpture (0.5) Photography (0.5) Digital Art (0.5)	AP Art and Design (2) In this course students will choose one of the following: AP 2-D Art, AP 3-D Art, or AP Drawing	<ul style="list-style-type: none"> ● YA/Internship (1-2) ● Intro to Public Speaking ● AP Statistics ● TEALS ● Entrepreneurship Independent Study (with instructor approval)
	Take 2 of these courses: Clay Ceramics (0.5) Fashion Design (0.5) Introduction to Graphic Arts (0.5)		

HHES Academy

Academy - HHES			
Pathway - Education (Early Childhood, Early Adolescent)			
Level 1 Courses (Credits)	Level 2 Courses (Credits)	Level 3 Courses/Capstone (Credits)	Additional Courses/Capstone (Credits)
ECE: Child Development (0.5) and Psychology (0.5)	ECE: Health, Safety and Nutrition (0.5) and Infant & Toddler Development (0.5)	ECE: Overview of Special Education (0.5) and ECE Co-op (1-2)	<ul style="list-style-type: none"> ● YA/Internship (1-2) ● Wely Internship ● Beloit Public Library Internship ● Lifeguarding and Safety ● Introduction to Public Speaking ● AP African American Studies ● AP Psychology ● AP Statistics
	EDU: Introduction to Educational Practices (0.5) and Behavior Management (0.5)	EDU: Overview of Special Education (0.5) and EDU Co-op/Internship (1-2)	

Academy - HHES			
Pathway - Health Sciences Pathway			
Level 1 Courses (Credits)	Level 2 Courses (Credits)	Level 3 Courses/Capstone (Credits)	Additional Courses/Capstone (Credits)
Health & Lab Sciences (1)	Anatomy & Physiology (1)	TBD - Biomedical Sciences (1)	<ul style="list-style-type: none"> ● YA/Internship (1-2) ● AP Biology ● AP Calculus ● AB/BC ● AP Chemistry ● AP Physics ● AP Statistics ● BTC CNA ● BTC EMT Basic ● BTC Medical Terminology
		TBD - BTC CNA (1 credit)	
	Microbiology (1)	TBD - BTC EMT Basic (1-2 credits)	

Academy - HHES**Pathway - Human Services**

Level 1 Courses (Credits)	Level 2 Courses (Credits)	Level 3 Courses/Capstone (Credits)	Additional Courses/Capstone (Credits)
Psychology (0.5) and Sociology (0.5)	Take two of these courses: African-American Studies (0.5) American Minorities (0.5) Child Development (0.5) History of the Holocaust and Genocide (0.5) Latino Studies (0.5) Women's Studies (0.5)	Take one of these Courses: AP African-American Studies (1) AP Psychology (1)	<ul style="list-style-type: none">● YA/Internship (1-2)● Welty Internship● Beloit Public Library Internship● Introduction to Public Speaking● AP Government and Politics● AP Language and Composition● AP Statistics● AP World History● Lifeguarding and Safety● Entrepreneurship Independent Study (with instructor approval)

PACMES Academy

Academy - PACMES			
Pathway - Advanced Manufacturing			
Level 1 Courses (Credits)	Level 2 Courses (Credits)	Level 3 Courses/Capstone (Credits)	Additional Courses/Capstone (Credits)
Welding 1 (0.5) and Intro to IT (0.5) or Robotics (0.5)	Welding 2 (1)	Welding 3 (1)	<ul style="list-style-type: none"> Welding 4 (Independent Study) (2) YA/Internship (1-2) Entrepreneurship Independent Study (with instructor approval)
CNC 1 (1)	CNC 2 (1)	CNC 3 (1)	

Academy - PACMES			
Pathway - Automotive Technology and Transportation			
Level 1 Courses (Credits)	Level 2 Courses (Credits)	Level 3 Courses/Capstone (Credits)	Additional Courses/Capstone (Credits)
Intro to Automotive (.5) and Welding 1 (0.5) or IT 1 (0.5) or Robotics (0.5)	Automotive Technology 1 (1)	Automotive Technology 2 (1)	<ul style="list-style-type: none"> Advanced Automotive & Heavy Truck (2) YA/Internship (1-2) Entrepreneurship Independent Study (with instructor approval)

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Academy - PACMES			
Pathway - Construction/Cabinetry			
Level 1 Courses (Credits)	Level 2 Courses (Credits)	Level 3 Courses/Capstone (Credits)	Additional Courses/Capstone (Credits)
Construction 1 (0.5) and Cabinetry 1 (0.5)	Construction 2 (1)	Construction 3 (2)	<ul style="list-style-type: none"> YA/Internship (1-2) Entrepreneurship Independent Study (with instructor approval)
	Cabinetry 2 (1)	Cabinetry 3 (1)	

Academy - PACMES			
Pathway - Engineering and Architecture / IT			
Level 1 Courses (Credits)	Level 2 Courses (Credits)	Level 3 Courses/Capstone (Credits)	Additional Courses/Capstone (Credits)
Introduction to Engineering (1)	Principles of Engineering (1)	TBD - Civil Engineering & Architecture (1)	<ul style="list-style-type: none"> • YA/Internship (1-2) • Welty Internship • TC Networks Internship • AP Calculus AB/BC • AP Physics • AP Statistics • TEALS • Entrepreneurship Independent Study (with instructor approval)
IT Fundamentals (0.5) and Robotics (0.5)	Networking 1 (1)	Networking 2 (1)	

Academy - PACMES			
Pathway - Public Service and Leadership			
Level 1 Courses (Credits)	Level 2 Courses (Credits)	Level 3 Courses/Capstone (Credits)	Additional Courses/Capstone (Credits)
Psychology (0.5) and Sociology (0.5)	Criminal Law (0.5) and Intro to Forensic Science (0.5)	Criminal Justice System (BTC) (1)	<ul style="list-style-type: none"> • YA/Internship (1-2) • JROTC LET 4 • BTC Fire Behavior & Combustion • BTC EMT-B • BTC Medical Terminology • Lifeguarding and Safety
		Fire Behavior & Combustion (BTC) (1)	
TBD - EMT-Basic (BTC) (1)			
JROTC LET 1 (1)	JROTC LET 2 (1)	JROTC LET 3 (1)	

IMPORTANT PLANNING INFORMATION

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 (345.6 RULE 2) students must complete 7 semesters of high school and 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:

- As stated on the front, a meeting must occur with a teacher, student, parent, counselor and administration before the course can be dropped.
- The student must have failed the first term of a semester-long class.
- There must be a class with an available seat for the student to be placed in that block.
- 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 can be dropped with no penalty
- Drops **prior** to mid-term grade: W on transcript
- Drops **after** midterm 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

Retaking a Failed Course

You are currently required to earn 26 total credits to graduate. Students are expected to earn initial credit in all courses taken. Students who are credit deficient can make up credits through BMHS Summer School or during credit recovery.

APEX is the School District of Beloit's online credit recovery platform. Please don't expect this to be easy. Online learning can be more difficult than the normal classroom setting as it requires self-motivation and effective time management.

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 selected 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 PreACT in late fall and the PreACT Secure in the spring
- 10th grade students will take the PreACT in late fall and the PreACT Secure in the spring
- 10th Grade students will take the Wisconsin Forward Social Studies Examination in the spring
- 11th grade students will take the PreACT in the late fall and the The ACT® Plus Writing Assessment (Secure State of Wisconsin examination) in the early Spring

PreACT™ - PreACT assesses student readiness in English, math, reading, science, and writing. PreACT is an online assessment in Wisconsin except for students who require accommodations through Braille, Large Print or American Sign Language who will take PreACT 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. ACT Registration Fees will apply.

ATHLETICS, ACTIVITIES & CLUBS

CLUBS AND ACTIVITIES	SPORTS
Academic Decathlon	FALL SEASON
Art Club	Football
Distributive Education Clubs of America (DECA)	Girls Volleyball
Environmental Club	Boys Volleyball
French Club	Boys Soccer
Gender Sexuality Alliance (GSA)	Girls Swimming
Global Scholars	Girls Golf
The Increscent	Girls Cross Country
International Club	Boys Cross Country
JROTC (Color Guard, Drill Team, Rifle Team)	Cheer Team
Key Club (Kiwaniis International)	Girls Tennis
Latino Club	
LEO Club (Lions Club International)	WINTER SEASON
Link Crew	Girls Basketball
Loads 2 Success	Boys Basketball
Minority Excellence Organization (MEO)	Wrestling
Music - Choir	Girls Hockey (Co-Op)
Music - Instrumental	Boys Hockey (Co-Op)
Music - Orchestra	Cheer Team
National Art Honor Society	Step Team
National Honor Society	Boys Swimming
Purple Knight Catering Club	
Science Explorers Club	SPRING SEASON
Skills USA	Softball
Special Olympics	Baseball
Student Senate	Girls Track
Theatre	Boys Track
Yearbook	Boys Tennis
Youth 2 Youth	Boys Golf

BUSINESS DEPARTMENT

Fifty percent of the top ten best college majors for jobs are in business. Whether it is accounting, finance, marketing, human resources, supply chain demand, get your start here at Beloit Memorial High School in our business department! Project-based learning, field trips, internships, and guest speakers from the business world enhance your learning experience. Choose a career where you make money and make a difference.

Course Title	Enrollment Grades				Credit	Prerequisites	Corequisites & Special Notes
	9	10	11	12			
Business Foundation (F1000)	X	X	X	X	1.0		Dual Credit (Advanced Standing w/ BTC)
Personal Finance (F3012)			X	X	0.5		Required for Graduation
Accounting (F2001)		X	X	X	1.0		Dual Credit (Advanced Standing w/ BTC)
Advanced Accounting (F3001)		X	X	X	1.0	Accounting	
Entrepreneurship (F3009)	X	X	X	X	1.0		
Business & Personal Law (F3010)			X	X	0.5		Dual Credit (Advanced Standing w/ BTC)
Sports & Entertainment Management (F3018)			X	X	0.5	Intro to Marketing	
Intro to Marketing (F3007)		X	X	X	1.0		Dual Credit (Advanced Standing w/ BTC)
Microsoft Office (F1004)	X	X	X	X	1.0		Dual Credit (Advanced Standing w/ BTC)

General Business Courses

BUSINESS FOUNDATIONS (F1000)

1.0 credit

Grades: 9, 10, 11, 12

Special Note: Advanced Standing credits with Blackhawk Technical College, grade of B or better

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. Students will engage in multicultural study and explore global perspectives.

PERSONAL FINANCE (F3012)

0.5 credit

Grades: 11, 12

Special Note: Required for Graduation

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.

Accounting Courses

ACCOUNTING (F2001)

1.0 credit

Grades: 10, 11, 12

Special Note: Advanced Standing credits with Blackhawk Technical College, grade of B or better

Content: Interested in a business career? Then this course is a must! This course introduces the basic principles of accounting: journalizing, posting, preparing financial statements, completing end-of-period activities, and reconciling a checkbook. Many aspects of personal money management are also covered. Computers are incorporated into this course daily. A calculator is required.

ADVANCED ACCOUNTING (F3001)

1.0 credit

Grades: 10, 11, 12

Prerequisite: Accounting

Content: This course builds on what students have learned in Accounting. Students will study special journals, corporations, non-profit organizations, prepaid expenses and bad debts to list just a few. Computers will be used daily.

Business Management Courses

ENTREPRENEURSHIP (F3009)

1.0 credit

Grades: 9, 10, 11, 12

Content: Prepare yourself for an exciting career as an entrepreneur where people will be working for you! Students will gain valuable entrepreneurial experience and knowledge through projects and speakers. Students will engage in multicultural study and explore global perspectives.

BUSINESS & PERSONAL LAW (F3010)

0.5 credit

Grades: 11, 12

Special Note: Advanced Standing credits with Blackhawk Technical College, grade of B or better

Content: This is a course for students interested in a better understanding of the laws of society that will affect their daily lives. Topics covered: law enforcement and the courts, crime, torts, contracts, insurance, personal property, real property, landlord-tenant relationships, negotiable paper and Wills. Students will participate in a Mock Trial. Upon completion of the course, students will be better equipped to recognize legal problems and know when legal help is needed and where to find the answers to legal questions.

SPORTS AND ENTERTAINMENT MANAGEMENT (F3018)

0.5 credit

Grades: 11, 12

Prerequisite: Intro to Marketing

Content: This course is designed to introduce an understanding of the principles necessary to properly operate a sports or entertainment organization. Principles include facility management, marketing and promotion, public relations, community service, sponsorships and legal issues. In addition, the course will offer theoretical and practical application by providing simulations, case studies and projects that allow the students to become a decision maker in an organization.

Business Marketing Courses

INTRODUCTION TO MARKETING (F3007)

1.0 credit

Grades: 10, 11, 12

Special Note: Advanced Standing credits with Blackhawk Technical College, grade of B or better

Content: Students in Intro to Marketing will gain an understanding of what marketing is, as well as economics, selling, pricing, product development, advertising, and employability skills. Students will demonstrate their knowledge of these concepts by participating in a variety of real life business projects. This course allows students the opportunity to engage in teamwork activities and to showcase their creativity. Intro to Marketing is strongly recommended for any student who plans to pursue a business degree/career. Students will also have the opportunity to participate in the DECA Club or FBLA Club. Students will engage in multicultural study and explore global perspectives.

Business Technology Courses

MICROSOFT OFFICE (F1004)

1.0 credit

Grades: 9, 10, 11, 12

Special Note: Advanced Standing credits with Blackhawk Technical College, grade of B or better

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. Students will learn the skills needed to be successful in Word, PowerPoint, Excel and be given the opportunity to take the Microsoft Office Specialist (MOS) certification test(s). When certifications are earned, students will have the privilege of providing that information to colleges, businesses and employers.

ENGLISH/LANGUAGE ART DEPARTMENT

Course Title	Enrollment Grades				Credit	Prerequisites	Co-Requisites & Special Notes
	9	10	11	12			
English 9 (B1010)	X	*	*	*	1.0		Required for Graduation Alternatives Available
Accelerated English 9 (B1015)	X				1.0		Sub for English 9
English 10 (B1020)		X	*	*	1.0		Required for Graduation Alternatives Available
Accelerated English 10 (B1025)		X			1.0	English 9	Sub for English 10
Environmental Literature (B1070)		X	X	X	1.0	English 9	Sub for English 10
English 11 (B1030)			X	*	1.0		Required for Graduation Alternatives Available
African American Literature (B1032)			X		1.0	English 10	Sub for English 11 Global/Biliteracy Elective
AP Language and Composition (B1036)			X	X	1.0	English 10	Sub for English 11 or Sub for English 12 College Credit Option
English 12 (B1040)				X	1.0		Required for Graduation Alternatives Available
Women Writers (B1047)				X	1.0	English 11 or AP Language	Sub for English 12 Global/Biliteracy Elective
AP Literature and Composition (B1050)				X	1.0	English 11 or AP Language	Sub for English 12 College Credit Option
Yearbook (B1056)		X	X	X	1.0		Skinny Course
Media Journalism (B1055)		X	X	X	1.0		
Greek and Roman Mythology (B1060)		X	X	X	0.5	English 9	
World Mythology (B1065)		X	X	X	0.5	English 9	Global/Biliteracy Elective
Creative Writing (B1075)		X	X	X	0.5	English 9	
Introduction to Public Speaking (B1098)			X	X	1.0	2.5 GPA and ECCP App	Dual Credit (Advanced Standing w/ Whitewater at Rock County)
ELL 1 (B1110)	X	X	X	X	2.0		Placement by ELL Staff
ELL 2 (B1120)	X	X	X	X	2.0		Placement by ELL Staff
Aligned Springboard 9 (B01309)	X				1.0		Placement by Case Manager
Aligned Springboard 10 (B01310)		X			1.0		Placement by Case Manager
Aligned Springboard 11 (B01311)			X		1.0		Placement by Case Manager
Aligned Springboard 12 (B01312)				X	1.0		Placement by Case Manager

English Grade 9

ENGLISH 9 (B1010)

1.0 credit

Grade: 9

Special Note: Required for Graduation (Alternates available)

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. Students may read short stories, articles, excerpts, poems, a Shakespearean play, and a novel. 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

Grade: 9

Special Note: May be substituted for English 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 independently.

English Grade 10

ENGLISH 10 (B1020)

1.0 credit

Grade: 10

Special Note: Required for Graduation (Alternates available)

Content: Using the College Board's Springboard curriculum, this course will build upon the student's previous learning in English 9. Each student will continue the study of fiction and nonfiction literature. Vocabulary, research skills, grammar, speaking and listening, and various forms of composition can be expected.

ACCELERATED ENGLISH 10 (B1025)

1.0 credit

Grade: 10

Prerequisite: English 9

Special Note: May be substituted for English 10

Content: This course is highly recommended for students planning to go on to higher education and is similar to regular English 10, with the additional 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 also be highly motivated and be willing to work more independently.

ENVIRONMENTAL LITERATURE (B1070)

1.0 credit

Grades: 10, 11, 12

Prerequisite: English 9

Special Note: May be substituted for English 10

Content: The Environmental Literature course will explore the vital relationship between American literature and environmental values, particularly as applied to the relationships between individuals, society, and nature. The course will consider the role of natural history in Native American poetry, the intersectionality of environmental and social justice issues, and the role of nature writing as a form of environmental activism. The course will include fiction and nonfiction texts, with students having an active choice and voice in the texts that they study and analyze for their assessments. Students will practice nature writing, visual literacy, poetry and literature analysis, as well as practice the various forms of academic essay writing. As a capstone, students will design an interdisciplinary multimedia project that links environmental questions to an area of their own interest, culminating in a speaking and listening event.

English Grade 11

ENGLISH 11 (B1030)

1.0 credit

Grade: 11

Special Note: Required for Graduation (Alternates available)

Content: Using the College Board's Springboard curriculum, this course will build upon the student's previous experiences 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. Vocabulary, writing lab, group work, grammar review, and various forms of composition can be expected.

AFRICAN AMERICAN LITERATURE (B1032)

1.0 credit

Grades: 11

Prerequisite: English 10

Special Notes: May be substituted for English 11; Global/Biliteracy Elective

Content: Building upon the student's previous experiences in the four core skills of reading, writing, listening and speaking, students will read and study poetry, essays, short stories, plays, and novels from various literary/historical time periods in African American literature. Students who register for this course can expect homework assigned regularly, including the completion of reading and writing assignments, especially dialectical journal entries and essays. Students should be highly interested in this subject, be willing to work more independently, be able to participate actively in classroom discussion, and be able to work in small groups to complete research projects, including oral presentations. This class will pose many challenging questions that have few absolute answers.

ADVANCED PLACEMENT (AP) LANGUAGE & COMPOSITION (B1036)

1.0 credit

Grade: 11, 12

Prerequisite: English 10

Special Note: May be substituted for English 11 or English 12

Note: This class is reading and writing intensive!

Content: This course focuses on the development and revision of evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and the decisions writers make as they compose and revise. It provides students with opportunities to demonstrate and improve their academic writing skills through compositions about a variety of subjects within the realm of nonfiction. Students evaluate, synthesize, and cite research to support their arguments. Additionally, they read and analyze rhetorical elements and their effects in nonfiction texts—including images as forms of text— from a range of disciplines and historical periods. Students who successfully complete this course should be able to read complex texts with greater understanding and write with richness and depth. This class is reading and writing intensive! **In May, the College Board offers examinations for AP classes. Students who perform well on the exam may earn college credit.**

Fee: Students are responsible for purchasing their own books.

English Grade 12

ENGLISH 12 (B1040)

1.0 credit

Grade 12

Special Note: Required for Graduation (Alternates available)

Content: Using the College Board's Springboard curriculum, this course will build upon the student's previous experiences in English. This required course focuses on the four core skills of reading, writing, listening and speaking. The course explores various literary criticisms as tools students can use to improve their understanding of literature and life. Students will apply these literary criticisms to poetry, short stories, non-fiction texts, plays, film, and art as they explore engaging themes related to culture, identity, class, and gender. Students will improve their vocabulary and prepare for post-secondary essay-writing.

WOMEN WRITERS (B1047)

1.0 credit

Grade: 12

Prerequisite: English 11 or AP English Language & Composition

Special Note: May be substituted for English 12; Global/Biliteracy Elective

Content: This accelerated/college-prep course focuses on novels, poetry and short stories written by women who come from all over the world. Students will be able to make connections among the texts and their own lives, write analytically about literature, examine and comprehend writing techniques, and explore issues in contemporary society. Class time will focus on small and large group discussion, literary analysis, and personal responses to literature. As this class is reading and writing intensive, students should expect some of the reading and writing to be done outside of class time. Students will consider multicultural perspectives related to global issues, such as the impact of European colonialism on indigenous peoples of Africa, Asia and India. This course will fulfill the senior English requirement.

ADVANCED PLACEMENT (AP) LITERATURE & COMPOSITION (B1050)

1.0 credit

Grade: 12

Prerequisite: English 11 or AP Language & Composition

Special Note: May be substituted for English 12

Students are strongly encouraged to take AP Language and Composition or Accelerated English before AP Lit. This class is reading and writing intensive!

Content: This course is conducted as close to a college course as possible. In the AP English Literature and Composition course, students devote themselves to the study of literary works written in—or translated into—English. Careful reading and critical analysis of such works of fiction, drama, and poetry, provide rich opportunities for students to develop an appreciation of ways literature reflects and comments on a range of experiences, institutions, and social structures. Students will examine the choices literary writers make and the techniques they utilize to achieve purposes and generate meanings. Furthermore, students will evaluate and implement speaking and writing skills that will enhance their ability to express interpretations precisely and logically. **In May, the College Board offers examinations for AP classes. Students who perform well on the exam may earn college credit. Fee: Students are responsible for purchasing their own books.**

English Elective Courses

YEARBOOK (B1056)

1.0 credit

Grades: 10, 11, 12

Special Note: This course is taught during the Skinny Block.

Content: This is a year-long (4 terms) course that will produce and sell the BMHS yearbook, The Beloit. Students must be committed to be in the course throughout the entire year. (If you are not able to be committed to the class for the entire year please see the instructor before signing up). Students will compose, construct, and edit all elements of computerized text layout, graphic art, and digital photography. Yearbook requires students to work cooperatively and independently. Students will work outside of class taking pictures of school events and selling business ads to local and surrounding area businesses. Students will be using Online Design Software on the Walsworth Publishing site and Adobe Photoshop.

MEDIA JOURNALISM (B1055)

1.0 credit

Grades: 10, 11, 12

Special Note: Students interested in working on the student newspaper and/or the student yearbook should consider taking this course.

Content: Students will study the fundamental principles of gathering, writing, reporting, and editing news and feature stories. Emphasis will be placed on accuracy, clarity and journalistic responsibility. The second term continues the emphasis on writing and introduces students to documentaries, podcasts, and fake news. Students will also discuss current events on a daily basis.

GREEK AND ROMAN MYTHOLOGY (B1060)

0.5 credit

Grades: 10, 11, 12

Prerequisite: English 9

Content: This course focuses on the fascinating myths of Ancient Greece and Rome and the gods, goddesses, and great heroes within them. Students will learn to identify features of the tragic hero, the hero's journey archetype, and allegory, while making personal and modern day connections to mythology. The course will enhance students' reading and writing skills through engaging and accessible stories.

WORLD MYTHOLOGY (B1065)

0.5 credit

Grades: 10, 11, 12

Prerequisite: English 9

Special Note: Global/Biliteracy Elective

Content: Through the study of Creation Myths, Flood and Fire Myths, Tricksters and Heroes, we will explore what makes a myth and why they are important to culture and how they shape our view of the world. Together, we will discover Myths of the Middle East (Babylonia & Egypt, Northern Europe (Norse), the British Isles, the Far East (India, China, Japan), Africa, the Americas (South, Central and North), and Australia (Aborigine).

CREATIVE WRITING (B1075)

0.5 credit

Grades: 10, 11, 12

Prerequisite: English 9

Content: We will explore three areas of Creative Writing: Non-Fiction, Short Fiction, and Poetry. During our exploration, we will dive deep into creative writing techniques that include the countless forms of figurative language and structural schemes that make our writing creative! 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 and produce one summative work in each of the three major categories.

INTRODUCTION TO PUBLIC SPEAKING (B1098)

1.0 credit

Grades: 11, 12

Prerequisite: Students must have a 2.5 GPA.

Special Note: 3.0 credits UW-Whitewater at Rock County (START COLLEGE NOW PROGRAM)

Note: Must complete Early College Credit application from your school counselor to participate in this program. This course is co-taught by a Professor from University of Wisconsin-Rock County and BMHS English teacher at BMHS

Content: This beginning course, designed to develop confidence and precision as students increase their effectiveness in public speaking and interpersonal communication, focuses on the principles of oral communication and listening in a variety of selected communication experiences. Required speeches include introduction, informative, persuasive, and impromptu. Additionally, students will produce the daily announcements program and video announcements. Maximum of 24 students in each class. (This course is transferable to colleges as a 3 credit elective course with a grade of "C" or better.)

English Placement Courses

ENGLISH LANGUAGE LEARNERS 1 (ELL1) (B1110)

Newcomer English/English Fundamentals

2.0 credits (1 English and 1 Elective)

Grades: 9, 10, 11, 12

Note: Placement by ELL Staff

Content: Students who are new to learning the English language take this year-long course to gain an understanding of common phrases and ideas in reading, writing, speaking and listening for understanding of the English language for social and basic academic purposes. The course is designed based on WIDA's English Language Development Standards. Students develop basic (survival) literacy, discussion, organization, and study skills to help them be successful in public high schools in the United States. Guidance counselors place ELL students in Newcomer English if they earn scores of 2.0 or under on ACCESS and have two years or less of experience living in the United States.

ENGLISH LANGUAGE LEARNERS 2 (ELL2) (B1120)

Intermediate English

2.0 credits (1 English and 1 Elective)

Grades: 9, 10, 11, 12

Note: Placement by ELL Staff

Content: This course is for students beginning to read and write in English. Instruction goes beyond survival English skills to include topics from the English Language Arts curricula. The course is designed based on WIDA's English Language Development Standards. Students participate in reading, writing, speaking and listening for understanding English in academic contexts as well as enhancing social skills. Guidance counselors place ELL students in Intermediate English if they earn scores between 2.1 and 3.0 on the ACCESS test and have 2 to 4 years of experience living in the United States. This course is designed to prepare students for their grade level core English class.

ALIGNED SPRINGBOARD (B01309, B01310, B01311, B01312)

1.0 credit

GRADES: 9, 10, 11, 12

Note: Placement by Case Manager

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.

MATHEMATICS DEPARTMENT

Course Title	Enrollment Grades				Credit	Prerequisites	Co-Requisites & Special Notes
	9	10	11	12			
Algebra 1 (C1050F)	X	*	*	*	1.0		Required to pass to take all other math courses
Algebra 2 (C1060)		X	X	X	1.0	Algebra 1	
Honors Algebra 2 (C1061)	X	X	X	X	1.0	Algebra 1	
Geometry (C1084)	X	X	X	X	1.0	Algebra 1	
Probability and Statistics (C1010)		X	X	X	1.0	Algebra 1 and Geometry	
AP Statistics (C1020)		X	X	X	1.5	Algebra 2	College Credit Option
AP Pre-Calculus (C2001) *New Course		X	X	X	1.0	Algebra 2 and Geometry	College Credit Option
AP Calculus 1 (AB) (C2010)		X	X	X	1.0	AP Pre-Calculus	College Credit Option
AP Calculus 2 (BC) (C2015)		X	X	X	1.0	AP Calculus 1 (AB)	College Credit Option
Math For Technical Careers 1 (C1093)		X	X	X	1.0	Algebra 1	Dual Credit (Advanced Standing w/ BTC)
Math For Technical Careers 2 (C1094)		X	X	X	1.0	Math for Technical Careers 1	
Intro to Computer Science (C2016) *New Course		X	X	X	1.0	Algebra 1	

Classic Mathematical Courses

ALGEBRA 1 (C1050F)

1.0 credit

Grade: 9

Special Note: Required to pass to take all other math courses

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: 10, 11, 12

Prerequisite: Algebra 1

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.

HONORS ALGEBRA 2 (C1061)

1.0 credit

Grades: 9, 10, 11

Prerequisite: Algebra 1

Content: Algebra 2 honors parallels the core curriculum with greater levels of rigor. A course that receives an honors designation has expectations for students that are measurably broader, deeper, and/or more complex in comparison to Algebra 2.

GEOMETRY (C1084)

1.0 credit

Grades: 9, 10, 11, 12

Prerequisite: Algebra 1

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)

1.0 credit

Grades: 10, 11, 12

Prerequisite: 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 calculators and computers 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.

ADVANCED PLACEMENT (AP) STATISTICS (C1020)

1.5 credits

Grades: 10,11, 12

Prerequisite: Algebra 2

Content: The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students who do well in this course are encouraged to take the advanced placement Statistics exam for possible college credit. **In May, the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credit.** A graphing calculator is required.

Advanced Mathematical Courses

ADVANCED PLACEMENT (AP) PRE-CALCULUS (C2001)

***New Course**

1.0 credit

Grades: 10, 11, 12

Prerequisite: Algebra 2 and Geometry

Content: Students will apply the theory presented in previous courses. The applications leading to Calculus will be developed. Also included is the study of higher order of polynomial functions as well as rational, radical, logarithmic and exponential functions. Sequences and series and the Binomial Theorem are also studied. Students will study right triangle trigonometry including: functions, identities, unit circle, radian measure and vector applications. Students will solve oblique triangles using the laws of sine and cosine. The ability to connect mathematics with the outside world and the appropriate use of calculators are important components of this course. **In May, the College Board offers examinations for AP classes. Students who perform well on the exam may earn college credit.** A graphing calculator is required.

ADVANCED PLACEMENT (AP) CALCULUS 1 (AB) (C2010)

1.0 credit

Grades: 10,11, 12

Prerequisite: AP Pre-Calculus

Content: This course covers limits and continuity, differentiation, anti-differentiation, integration techniques, and applications. The content of this course is equivalent to a first semester of calculus in college. Students who do well are encouraged to take the advanced placement Calculus AB exam in mathematics for possible college credit. Students should plan to purchase a graphing calculator. **In May, the College Board offers examinations for AP classes. Students who perform well on the exam may earn college credit.** A graphing calculator is required.

ADVANCED PLACEMENT (AP) CALCULUS 2 (BC) (C2015)

1.0 credits

Grades: 10,11, 12

Prerequisite: AP Calculus AB

Content: This course deals with applications of integration, Taylor and Maclaurin Series, vector functions, parametric equations, polar equations, and applications of calculus to all of these topics. This course is the equivalent to the second semester of college calculus. Those students who do well are encouraged to take the Advanced Calculus BC placement exam in mathematics for possible college credit. **In May, the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credit.** A graphing calculator is required.

Applied Mathematical Courses

MATHEMATICS FOR TECHNICAL CAREERS 1 (C1093)

1.0 credit

Grades: 10, 11, 12

Prerequisite: Algebra 1

Special Note: Advanced Standing credits with Blackhawk Technical College, grade of B or better

Content: This course offers an alternative to a traditional math sequence for students who are oriented to a trade or technical program. The target audience is students who lean towards technical college as a post-secondary option. The class has advanced standing recognition for credit through Blackhawk Technical College. Objectives include; 1) performing arithmetic operation on whole numbers, fractions and decimals 2) Using ratios and proportions to solve application problems, 3) solving percentage problems 4) converting within and between US Customary and Metric Systems, and 5) operations with signed numbers. As an additional bonus, students will be exposed to various tapes, rules, calipers, dial calipers, steel rule depth gages, screw pitch gages, thickness gages, steel protractors, combination square sets, micrometers, small hole gages, telescoping gages, dial indicators and bore gages (i.e., precision measuring tools). Certification is available to the students upon completion of each precision measuring module.

MATHEMATICS FOR TECHNICAL CAREERS 2 (C1094)

1.0 credit

Grades: 10, 11, 12

Prerequisite: Mathematics for Technical Careers 1

Content: This course is a continuation of Mathematics for Technical Careers 1 and includes solving algebraic expressions in the context of trade applications, the study of practical plane geometry for use in the trades, finding area, volumes, and lateral surface areas of regular solids, an introduction to formulas, systems of equations and quadratic equations, the use of trigonometry for solving right triangles and oblique triangles, reading and constructing graphs, and measuring central tendency through statistical analysis.

INTRO TO COMPUTER SCIENCE (C2016)

***New Course**

1.0 credit

Grades: 10, 11, 12

Prerequisite: Algebra 1

Content: This course will provide students an introduction to Computer Science. The course development and instruction is supported by Technology Education and Literacy in Schools (TEALS via Microsoft). Computer Science will introduce students to the concepts and skills needed to engage in computer programming. The course will be problem based, and beyond teaching students coding skills, it will support the development of critical thinking and pattern-based logic, while also helping students practice skills they can use in future career paths. Examples of topics included in the course include: basic concepts of computer programming, loops and nested loops, conditionals, variables, lists, cloning, data, functions, and/or object-oriented programming. Programming skills will begin in visual block coding, and progress through learning written programming languages, such as Python.

NON-DEPARTMENTAL & SKINNY COURSES

NON-DEPARTMENTAL COURSES: All students are required to take Freshman Seminar as a transition to our Career & College Academy system. Those unable to take Freshman Seminar as transfer students or who do not successfully complete this course are required to enroll in College and Career Readiness. Other courses include career specific courses offered by the Academy coach or Blackhawk Technical College.

SKINNY COURSES: During the lunch block, all students are required to be enrolled in a “Skinny” course referred to as such because it is shorter than the normal block time.

Choices Include:

Academic Labs - Students select the lab based on their Academy placement.

Alternative Academic Labs - Students may be moved into one of these courses by staff depending on need and/or application.

Reading and Math Interventions - Students may be placed in these courses by staff depending on student academic needs.

Skinny Department Courses - Some departmental courses are taught during the “skinny” block.

Work Based Lab Courses - Students who engage in a work based learning experience must enroll in the accompanying Work Based Lab.

Course Title	Enrollment Grades				Credit	Prerequisites	Co-Requisites & Special Notes
	9	10	11	12			
BLOCK COURSES							
Non-Departmental Courses - Student Selected							
Freshman Seminar (B009P1)	X				0.5		Required for Graduation
College and Career Readiness (B0009D)		X	X	X	0.5		Sub for Freshman Seminar if needed
Craftsmen With Character (H2025)		X	X	X	2.0	Application also required	Placement by Staff Dual Credit (Advanced Standing w/ BTC)
Medical Terminology (R0812)			X	X	0.5	Application also required	Dual Credit (Transcripted with/BTC)
The Criminal Justice System (R0816)			X	X	0.5	Application also required	Dual Credit (Transcripted w/ BTC)
Fire Behavior & Combustion (R0815)			X	X	0.5	Application also required	Dual Credit (Transcripted w/ BTC)
SKINNY COURSES							
Academy Academic Labs - Student Selected							
Academic Lab - Freshman (YY05FG)	X				0		Skinny Class Placement by Academy
Academic Lab - BACH (YY05AB)		X	X	X	0		Skinny Class Academy Placement
Academic Lab - HHES (YY05AH)		X	X	X	0		Skinny Class Academy Placement
Academic Lab - PACMES (YY05AP)		X	X	X	0		Skinny Class Academy Placement

Departmental Skinny Courses - Student Selected

Yearbook (B1056)		X	X	X	1.0		Skinny Class
Bass Choir (L0049) *Formerly "Men's Choir"	X	X	X	X	1.0		Skinny Class
String Ensemble (L0040)	X	X	X	X	1.0	Prior Experience	Skinny Class
Wind Ensemble (L0035)		X	X	X	1.0		Skinny Class Placement Audition
AP World Language Refresher (K1053)		X	X	X	0	French 2, Spanish 2, or SLA 2	Skinny Class Bilingual Awards: Seal of Biliteracy support,DLI

Alternative Academic Labs - Placement by Staff

Academic Skills Lab (B00154)	X	X	X	X	1.0		Skinny Class Placement by Staff
ELL Lab (B1140)	X	X	X	X	0		Skinny Class Placement by Staff
AVID - 9 (B009A)	X				1.0	Application Process	Skinny Class
AVID - 10 (B0009C)		X			1.0	Application Process	Skinny Class

Reading and Math Interventions - Placement by Staff

Reading Intervention (B00156, B0016, B0020,B00201)	X	X	X	X	0.5		Skinny Class Placement by Staff
Math Intervention (C0010, C0015, C0020, C0025)	X	X	X	X	0.5		Skinny Class Placement by Staff

Work Based Learning Labs - School Counselor Enrolled

Work Based Learning Lab - PACMES (WBL230)			X	X	1.0	Approved Employment	Enrollment by School Counselor Co-req: PACMES related work experience
Work Based Learning Lab - BACH (WBL231)			X	X	1.0	Approved Employment	Enrollment by School Counselor Co-req: BACH related work experience
Work Based Learning Lab - HHES (WBL232)			X	X	1.0	Approved Employment	Enrollment by School Counselor Co-req: HHES related work experience
ECE: Infant and Toddler Development (G0444) *Formerly "ECE 3"				X	1.0	Approved Employment Prereq: ECE: Health, Safety, Nutrition	Dual Credit (Transcribed Credit w/ BTC) Enrollment by School Counselor Co-req: Co-op Early Childhood work experience (WC2301)
CO-OP Leadership (WC2302)				X	1.0		

Non-Departmental Block Courses

FRESHMAN SEMINAR (B009P1)

0.5 credit

Grades: 9

Special Note: Required for Graduation

Content: This is a required course for all 9th graders. This course provides students the proper social, academic, and fundamental skills necessary for their secondary education. There are multiple units taught throughout this class consisting of note taking, time management, organizational and study skills, technology, post-secondary education, and careers. Not only does this class focus on the transition from intermediate school to high school, it guides students to the appropriate post-secondary option - college, military, or apprenticeship.

COLLEGE AND CAREER READINESS (B0009D)

0.5 credit

Grades: 10, 11, 12

Special Note: May be substituted for Freshman Seminar

Content: This is a required course for any student who was unable to take the Grade 9th Seminar Class. This course provides students the proper social, academic, and fundamental skills necessary for their secondary education. There are multiple units taught throughout this class consisting of note taking, time management, organizational and study skills, technology, post-secondary education, and careers. This class is meant as a guide to the appropriate post-secondary options of college, military, or apprenticeships.

CRAFTSMEN WITH CHARACTER

2.0 credits

Grades: 10, 11, 12

Special Note: Advanced Standing credits with Blackhawk Technical College, grade of B or better Application Process is required.

Content: The Craftsman with Character course is designed to run each weekday for ninety minutes. Four of these days are spent job shadowing, allowing students to be immersed in a culture while gaining knowledge about a trade. The remaining day offers classroom instruction, where students explore their life goals and are encouraged to recognize their unique gifts and talents. Special emphasis is given to helping them recognize their self-worth.

MEDICAL TERMINOLOGY (R0812)

0.5 credit

3.0 credits Transcribed Blackhawk Technical College

Grades: 11, 12

Special Note: Application Process is required.

Content: This course focuses on the component parts of medical terms: prefixes, suffixes and word roots. Students practice formation, analysis and reconstruction of terms. Emphasis on spelling, definition and pronunciation. Introduction to operative, diagnostic, therapeutic and symptomatic terminology of all body systems, as well as systematic and surgical terminology.

THE CRIMINAL JUSTICE SYSTEM (R0816)

0.5 credit

3.0 credits Transcribed Blackhawk Technical

College Grades: 11, 12

Special Note: Application Process is required.

Content: This introductory course is an in-depth exploration of each step of the criminal justice process from investigation through adjudication. Also explored is the history, primary functions and jurisdictions of law enforcement agencies. The levels and functions of the court systems in America are distinguished. The role of belief systems, social systems, moral problems, and diversity and ethical decision making are discussed.

FIRE BEHAVIOR AND COMBUSTION (R0815)

0.5 credit

3.0 credits Transcribed Blackhawk Technical

College Grades: 11, 12

Special Note: Application Process is required.

Content: This 3 credit course provides an in-depth look at the combustion process and chemical reaction along with an analysis of fire behavior, principles, and theories. This course will also examine the physics of the combustion process, the products of combustion, and the effects of fire and combustion inside a structure, and the impact on the firefighter and victims who are involved in the fire environment. A key component to this course will be observations of fire and the products of combustion within scale models.

Academy Academic Labs Skinny Courses

ACADEMIC LAB

Freshman Academy - YY05FG

Grade 9

BACH Academy - YY05AB

HHES Academy - YY05AH

PACMES Academy - YY05AP

Grade 10, 11, 12

Content: Academic Lab is an enhanced study period. Lessons in career planning (state requirement), community building, testing strategies, social skills and emotional skills occur weekly. Students also have weekly grade checks.

Department Skinny Courses

YEARBOOK (B1056)

1.0 credit

Grades: 10, 11, 12

Content: This is a year-long (4 terms) course that will produce and sell the BMHS yearbook, The Beloit. Students must be committed to be in the course throughout the entire year. (If you are not able to be committed to the class for the entire year please see the instructor before signing up). Students will compose, construct, and edit all elements of computerized text layout, graphic art, and digital photography. Yearbook requires students to work cooperatively and independently. Students will work outside of class taking pictures of school events and selling business ads to local and surrounding area businesses. Students will be using Online Design Software on the Walsworth Publishing site and Adobe Photoshop.

BASS CHOIR (L0049)

***Formerly "Men's Choir"**

1.0 credits

Grades: 9, 10, 11, 12

Content: This course is designed for beginning low-voice students who are interested in participating in choir at the high school level. Special attention will be made to develop and establish a foundation for healthy vocal technique as it pertains to the changing low-voice. 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, dress rehearsals, and concerts 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.

STRING ENSEMBLE (L0040)

1.0 credit

Grade: 9, 10, 11, 12

Prerequisite: Experience in Orchestra at the intermediate school level.

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. 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.

WIND ENSEMBLE (L0035)

1.0 credit

Grades: 10, 11, 12

Prerequisite: Placement Audition. Auditions 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.**

AP WORLD LANGUAGE REFRESHER (K1053)

0 credit

Grade: 10, 11, 12

Prerequisite: French 2, Spanish 2, Intro.HS Sp.Lang.Arts, DLI, or home language Spanish

Content: This course is for students who are working to earn the Global Scholars Program Award and / or the Seal of Biliteracy. This is an academic lab where students are encouraged to practice their Spanish or French. Students have direct support for completing requirements for bilingual awards by the time they graduate.

Alternative Academy Labs Skinny Courses

ACADEMIC SKILLS LAB

1.0 credit

Grade: 9, 10, 11, 12

Special Note: Placement by Special Education staff

Content: Students with I.E.Ps may be enrolled in Academic Skills Lab. They will be placed in labs with their case managers and work toward goals identified in their IEP.

ELL ACADEMIC LAB (B1140)

0 credit

Grade 9, 10, 11, 12

Special Note: Placement by ELL staff

Content: ELL Academic Lab is designed for ELL students who score 3.0 or under on ACCESS tests OR who have been in the country for 4 years or less. Students who score 3.1 or higher and / or have been in the U.S. for longer than 4 years will be placed in other Academic Labs. A bilingual teacher is the instructor to support ELL students.

AVID-9 (B009A)

1.0 credit

Grade 9

Special Note: Application Process required.

Content: AVID-9 students learn key skills like critical thinking, writing, reading, and collaboration while also building practices to improve their organizational, time management, and problem-solving abilities. Students in the AVID program are encouraged to pursue rigorous coursework.

AVID-10 (B009C)

1.0 credit

Grade 10

Special Note: Application Process required.

Content: AVID-10 expands on skills students learned in AVID-9 such as key critical thinking, writing, reading, and collaboration while also building practices to improve their organizational, time management, and problem-solving abilities. Students in the AVID program are encouraged to pursue rigorous coursework.

Reading and Math Interventions Skinny Courses

READING INTERVENTIONS (B00156, B0016, B0020, B00201)

0.5 credit

Grade 9, 10, 11, 12

Special Note: Placement by staff recommendation

Content: Reading Intervention classes are offered to students who could benefit from more targeted reading instruction. Reading specialists determine eligibility and enrollment of students.

MATH INTERVENTIONS (C0010,C0015, C0020, C0025)

0.5 credit

Grade 9, 10, 11, 12

Special Note: Placement by staff recommendation

Content: Math Intervention classes are offered to students who could benefit from more targeted math instruction. Math specialists determine eligibility and enrollment of students.

Work Based Learning Labs - Skinny Courses

WORK BASED LEARNING LAB - Required for all Work Experience

BACH Academy - WBL231

HHES Academy - WBL232

PACMES Academy - WBL230

1.0 Credit

Grades: 11, 12

Corequisite: Students must have employment secured within the first two weeks of the semester and be accepted into the Work Based Learning program.

Content: All students enrolled in any type of work experience must also be enrolled in the affiliated Work Based Learning Lab which meets during the Lunch block as a Skinny course. In this class students will review skills related to employability.

ECE: INFANT AND TODDLER DEVELOPMENT (G0444)

***Formerly ECE 3"**

1.0 credit

Grade: 12

Prerequisite: ECE: Health, Safety, and Nutrition

Corequisite: WORK-BASED LEARNING: Co-op Early Childhood Education (G0454)

Special Note: Transcribed Credits with Blackhawk Technical College, grade C or better

Content: This course explores infant and toddler development as it applies to an early childhood education setting. This course focuses on children's development from conception through thirty-six months (3 years). This course includes training for Wisconsin Breastfeeding Friendly Child Care certification. This is a course for seniors who have completed the prerequisite course for a Work Based Learning, Child Care Skills Standard Cooperative or Health Career Sciences Youth Apprenticeship and who are interested in pursuing a career in Child Care, Health, or Human Services upon completing high school. Topics covered will complement their site placement.

Note: Those students with a Child Care placement may be eligible to receive the Infant and Toddler, Employability Skills, and/or Child Care Teacher certificate(s) issued by the Wisconsin Department of Public Instruction (DPI). Contact the BMHS course instructor.

CO-OP LEADERSHIP (WC2302)

1.0 credit

Grade: 12

Content: This State-Certified Youth Leadership Program recognizes a student's mastery and demonstration of leadership skills valued by employers, communities, and organizations. The program requires: Reinforcement of leadership skills in the form of the four Cs (collaboration, creativity, communication, and critical thinking skills) and service hours with a community or employer mentor. A minimum 90 work hours accumulated over the course of high school.

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:

Each student MUST first successfully PASS either Physical Education 9 (no longer offered) or General Physical Education. All incoming freshmen will enroll in the General Physical Education course.

After step one has been completed, students may then choose to take at least two of the offered courses from the following list or repeat selected courses for additional credit:

- General Physical Education
- Individual and Dual Activities
- Unified Physical Education
- Team Activities
- Lifetime Wellness
- Strength & Conditioning
- Lifeguard & Safety Certifications

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	Enrollment Grades				Credit	Prerequisites	Co-Requisites & Special Notes
	9	10	11	12			
General Physical Education (J0040)	X	X	X	X	0.5		Required to pass to take all other PE courses
Individual and Dual Activities (J0042)		X	X	X	0.5	PE 9 or General PE	Can be repeated for credit.
Unified Physical Education (J0059)		X	X	X	0.5	PE 9 or General PE	Can be repeated for credit.
Team Activities (J0044)		X	X	X	0.5	PE 9 or General PE	Can be repeated for credit.
Lifetime Wellness (J0046)		X	X	X	0.5	PE 9 or General PE	Can be repeated for credit.
Strength & Conditioning (J0058)		X	X	X	0.5	PE 9 or General PE	Can be repeated for credit.
Outdoor Adventure (J0050)				X	0.5	Successful completion of 1.5 PE credits and ability to swim	
Lifeguard & Safety Certification (J0048)		X	X	X	0.5	PE 9 or General PE	Students must be at least 15 years old by the end of first semester and get approval from instructor
High School Officiating (J0052)			X	X	0.5	Successful completion of 1.5 PE Credits	
Health (J005F1)	X	*	*	*	0.5		Required for graduation
Advanced Health and Wellness (J0056)			X	X	0.5	Health	

Physical Education Courses

GENERAL PHYSICAL EDUCATION (J0040)

0.5 credit

Grades: 9, 10, 11, 12

Special Note: Required to pass to take all other PE courses.

Can be repeated for credit.

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 activities and fitness will be emphasized.

INDIVIDUAL & DUAL ACTIVITIES (J0042)

0.5 credit

Grades: 10, 11, 12

Prerequisite: Physical Education 9 or General Physical Education

Special Note: Can be repeated for credit.

Content: This course focuses on lifelong physical activities that can be done individually or with another person. Students will have the opportunity to take their skills to a new level while developing an understanding and appreciation for a variety of individual and dual activities. Activities may include tennis, badminton, pickleball, golf, strength training, bowling, and seasonal activities such as fishing or cross-country skiing.

UNIFIED PHYSICAL EDUCATION (J0059)

0.5 credit

Grades: 10, 11, 12

Prerequisite: Physical Education 9 or General Physical Education

Special Note: Can be repeated for credit.

Content: This course combines students of all abilities to participate in developmentally appropriate activities including lifetime activities, physical fitness, and sport. The Unified PE curriculum was designed by the Special Olympics for regular education and special education students to work together to increase competence and confidence in a variety of physical activities. Through ongoing leadership opportunities, members of this course will be empowered to help create a more inclusive and accepting school environment for all students. Throughout this course, we will investigate a variety of sport and fitness related activities that may include: weight/resistance training, inclusion activities, cardio activities, aquatics, individual & dual activities, team activities, and other games.

TEAM ACTIVITIES (J0044)

0.5 credit

Grades: 10, 11, 12

Prerequisite: Physical Education 9 or General Physical Education

Special Note: Can be repeated for credit.

Content: This course focuses on physical activities and sports that can be carried out with any number of players, from small teams to large teams. Rules, skill refinement, teamwork, communication, cooperation, and appreciation for the various activities are a few of the major concepts covered in this course. Team activities may include volleyball, basketball, softball, wiffle ball, kickball, flag/touch football, soccer, floor hockey, team handball, ultimate Frisbee, team swimming games, and other team building activities.

LIFETIME WELLNESS (J0046)

0.5 credit

Grades: 10, 11, 12

Prerequisite: Physical Education 9 or General Physical Education

Special Note: Can be repeated for credit.

Content: Students taking this course shall investigate, develop, and implement a personal fitness program that addresses not only physical activity but will incorporate nutrition, and stress management. This course shall culminate with an individual fitness plan implementation. During the investigation stage the students will sample a variety of strength and conditioning activities including but not limited to: weight/resistance training, Yoga, Pilates, fitness walking, aerobics, water fitness/swimming and cardio-kickboxing. Students will learn that what constitutes lifetime wellness is different for every BODY.

STRENGTH & CONDITIONING (J0058)

0.5 credit

Grade: 10, 11, 12

Prerequisite: Physical Education 9 or General Physical Education.

Special Note: Can be repeated for credit.

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. **A HIGH AMOUNT OF INTENSE PHYSICAL ACTIVITY IS TO BE EXPECTED. HIGHLY ENCOURAGED FOR ALL ATHLETES.**

OUTDOOR ADVENTURE (J0050)

0.5 credit

Grades: 12

Prerequisite: Students must have completed 1.5 Physical Education credits and have an ability to swim

Content: Outdoor adventure curriculum challenges students physically, intellectually, socially, emotionally and environmentally. Students shall have ample opportunity to embrace and appreciate the environment from a variety of perspectives as they experience team building initiatives, paddle on the Rock River, ride bicycles on and off road, climb at a climbing gym, rappel from the Barkin Arena cat walks, orienteer the school grounds and at Big Hills Park, hike at area state parks, investigate survival skills/wilderness first aid, outdoor cooking, and try breathing underwater while SCUBA diving.

Fee: Approximately \$35.00 covers equipment rental, transportation costs, and a trip to a rock climbing gym.

Certification Courses

LIFEGUARD & SAFETY CERTIFICATIONS (J0048)

0.5 credit

Grades: 10, 11, 12

Prerequisite: Physical Education 9 or General Physical Education AND students must be at least 15 years old by the end of the first semester.

WRITTEN APPROVAL BY COURSE INSTRUCTOR.

Content: In this course, students will have the opportunity to become certified with several American Red Cross Certifications. An individual's health and safety is the focus as students become certified in First Aid and CPR (professional). Students also earn their lifeguarding certifications. Students will be expected to swim every day.

Fee: \$60.00 (\$15.00 - Class Materials, \$45.00 – Red Cross Certification)

HIGH SCHOOL OFFICIATING (J0052)

0.5 credit

Grade: 11, 12

Prerequisite: Must have completed 1.5 Physical Education credits.

Content: This course will provide students an opportunity to learn the rules and the skills necessary to officiate within the following Wisconsin Interscholastic Athletic Association high school sports: basketball, volleyball, baseball, softball, football, soccer, and wrestling. Students will go through the rules of the game daily and practice their officiating skills during class activity time.

Fee: \$10.00 – Class Materials

Health Courses

HEALTH (J005F1)

0.5 credit

Grades: 9

Special Note: 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.

ADVANCED HEALTH AND WELLNESS (J0056)

0.5 credit

Grades: 11, 12

Prerequisite: Health

Content: The course is designed to take a more in-depth look at personal and community health issues. The class will provide the opportunity for group and/or independent studies. Each student will be responsible for personal growth and empowered to make a difference in the community. Topics to be covered will be determined by the student's concerns/interests. Issues may include: relationships, human growth & development, consumerism, depression/suicide, life-style related health problems, disease transmission, alcohol, marijuana and other drugs. There will be lesson ons American Red Cross CPR and First Aid training.

SCIENCE DEPARTMENT

<p>Graduation Requirements: 3 credits of science is required for graduation: one (1) credit of either Physical Science or Accelerated Physical Science, one (1) credit of General Biology and one (1) 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.</p> <p>Prerequisites: Prerequisites are considered met with the successful completion of the listed course(s). Students may request that prerequisites be waived by consulting with the instructor and/or science department chair.</p>							
Course Title	Enrollment Grades				Credit	Prerequisites	Co-Requisites & Special Notes
	9	10	11	12			
Earth Series: The Physical World (E1200)		X	X	X	0.5	Physical or Accel. Phys. Sci	
Earth Series: Water, Weather, & Climate (E1202)		X	X	X	0.5	Physical or Accel. Phys. Sci	
Environmental Science (E1203)			X	X	0.5	General Biology AND Water, Weather & Climate	
AP Environmental Science (E4024)			X	X	1.5	1 Physical Science and 1 Earth Science	College Credit Option
Physical Science 9 (E1010)	X	*	*	*	1.0		Required for Grad. Alternative Available
Accelerated Physical Sci 9 (E1011)	X				1.0		Sub for Phys. Science 9
Conceptual Physics (E3013)		X	X	X	1.0	Physical or Accel. Phys. Sci and Algebra 1	
AP Physics 1 (E4030)			X	X	1.0	Conceptual Physics and Algebra 2	College Credit Option
Food Science (E0383)		X	X	X	0.5	Physical or Accel. Phys. Sci	
Chemistry in The Community (ChemCom) (E3012)		X	X	X	1.0	Physical or Accel. Phys. Sci AND Algebra 1	
General Chemistry (E3011)		X	X	X	1.0	Physical or Accel. Phys. Sci AND Algebra 1	
AP Chemistry (E4012)			X	X	1.5	Chemistry and Algebra 2	College Credit Option
General Biology (E2022)		X	*	*	1.0	Physical or Accel. Phys. Sci	Required for Graduation
Introduction to Forensic Science (E2026)			X	X	0.5	1 Physical and 1 Biological Science	
Anatomy and Physiology (E3020)			X	X	1.0	General Biology	
Microbiology (E2023)			X	X	1.0	General Biology	Dual Credit (Transcripted Credit w/ BTC)
Explorations in Health & Laboratory Sciences (E2025) *Formerly "Intro to Biotechnology"		X	X	X	1.0		
AP Biology (E4020)			X	X	1.5	1 Biological Credit	College Credit Option

Earth Science Courses

EARTH SERIES: THE PHYSICAL WORLD (E1200)

0.5 credit

Grades: 10, 11, 12

Prerequisite: Physical Science 9 or Accelerated Physical Science 9,

Content: This course focuses on the physical and historical nature of geology. Students will study the dynamics and structure of our planet in terms of rocks, minerals, soils, landforms and plate tectonics. Environmental issues concerning practices such as mining will be incorporated into the course.

EARTH SERIES: WATER, WEATHER & CLIMATE (E1202)

0.5 credit

Grades: 10, 11, 12

Prerequisite: Physical Science 9 or Accelerated Physical Science 9

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. Students will be trained as National Weather Service Storm Spotters.

ENVIRONMENTAL SCIENCE (E1203)

0.5 credit

Grades: 11, 12

Prerequisites: General Biology and Water, Weather & Climate

Content: Environmental Science encompasses the interactions and effects of human activities on Planet Earth. Units of study will include: Biomes and Ecosystems, Agriculture and Food, Species Interactions and Biodiversity, Climate Change and Air Pollution and Global Water. The guiding course question will be, "How have humans changed the environment?" and "Why do we care?" This course should be considered for students who desire a deeper understanding of the environment and humans' relationship with our planet.

ADVANCED PLACEMENT (AP) ENVIRONMENTAL SCIENCE (E4024)

1.5 credits

Grades: 11, 12

Prerequisites: 1 Physical Science and 1 Earth Science Course

Content: AP Environmental Science (APES) is an introductory college-level course. Students will apply scientific principles, concepts, and methodologies to the interrelationships of the natural world. Students will also identify and analyze environmental problems both natural and human-made, and evaluate the risks associated with these problems and examine alternative solutions for resolving and/or preventing them. This is a laboratory intense science course. **In May, the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credit.**

Physical Science Courses

PHYSICAL SCIENCE 9 (E1010)

1.0 credit

Grade: 9

Special Note: Required for Graduation (Alternate available.)

Content: This course is a one semester, NGSS aligned introductory course. The course will engage students in the scientific study of physical, chemical and earth science topics. Students will investigate the role of energy systems throughout all of these topics. This is considered a foundation course and prerequisite for all other science courses.

ACCELERATED PHYSICAL SCIENCE 9 (E1011)

1.0 credit

Grade: 9

Special Note: May be taken as a replacement for the Physical Science graduation requirement.

Content: This course is a one semester, NGSS aligned introductory course. The course will engage students in the scientific study of physical, chemical and earth science topics. Students will investigate the role of energy systems throughout all of these topics. This is considered a foundation course and prerequisite for all other science courses. As an accelerated course, students will be asked to study topics in more depth and be expected to complete additional projects.

CONCEPTUAL PHYSICS (E3013)

1.0 credit

Grades: 10, 11, 12

Prerequisite: Algebra 1 and Physical Science 9 or Acc. Physical Science 9

Recommended: Taking Geometry prior to Conceptual Physics

Content: 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.

ADVANCED PLACEMENT (AP) PHYSICS 1 (E4030)

1.0 credit

Grades: 11, 12

Prerequisite: Conceptual Physics (may be waived by instructor) and Algebra 2

Content: AP Physics 1 is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics; work, energy, and power; mechanical waves and sounds; and introduction of simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. **In May, the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credit.**

FOOD SCIENCE (E0383)

0.5 credit

Grades: 10, 11, 12

Prerequisite: Physical or Accelerated Physical Science

Content: Food Science applies fundamental scientific principles to the research, development, packaging, and storage of all types of food products including fruits and vegetables, meat and poultry, dairy products and further processed foods. This applied, laboratory-based course is designed to educate about food chemistry, food safety, sensory evaluation, and new product development.. Students will explore the role of food within various contexts, investigate the management of food quality and safety, and explore the many exciting careers available in food science.

CHEMISTRY IN THE COMMUNITY (E3012)

1.0 credit

Grades: 10, 11, 12

Prerequisite: Algebra 1 and Physical Science 9 or Accelerated Physical Science 9

Content: If there was an apocalypse, could you survive? Are the bodies of water in our community safe? Chemistry in the Community, ChemCom, is a course that is set up more to have a research lab feel than a traditional classroom feel. Using GLOBE protocols and in support with NASA, students will become citizen scientists and collect and analyze real world data from local water samples. This course addresses the chemistry of bonds and reactions through a water specific lens. Students will study polar molecules and their intermolecular forces, acids and bases, electrochemistry, and study contaminants in our local bodies of water. At the end of the class, students will take all the data collected and put together research projects where they will have the chance to present at science symposiums around the midwest.

GENERAL CHEMISTRY (E3011)

1.0 credit

Grades: 10, 11, 12

Prerequisite: Algebra 1 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.

ADVANCED PLACEMENT (AP) CHEMISTRY (E4012)

1.5 credits

Grades 11, 12

Prerequisite: General Chemistry and Algebra 2 or consent of instructor

Content: This three-term class is designed to cover topics usually taught in college Chemistry. Topics include measurement, atomic theory, bonding, reactions, stoichiometry, thermochemistry, molecular geometry, gas laws, solutions, kinetics, equilibrium, acid-base interactions, buffers, thermodynamics, oxidation and reduction, electrochemistry, nuclear reactions, and the fundamentals of organic chemistry. **In May, the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credit.**

Biological Science Courses

GENERAL BIOLOGY (E2022)

1.0 credit

Grades: 10

Prerequisite: Physical Science 9 or Acc. Physical Science 9

Special Note: Required for Graduation

Content: This course is a one semester, NGSS aligned introductory course. It will introduce students to the scientific study of living organisms and how they interact. Students will investigate biological concepts including, the chemical basis of life, metabolism, reproduction, genetics, evolution, biological diversity, and ecology.

INTRODUCTION TO FORENSIC SCIENCE (E2026)

0.5 credit

Grades: 11, 12

Prerequisite: One credit of a physical science, one credit of a biological science

Recommended: Taking Anatomy and Physiology prior to Intro to Forensic Science

Content: Students will learn the skills and techniques needed to evaluate a crime scene, as well as the proper lab skills needed to analyze evidence that is collected. Students will learn how to do the following forensic investigations; Crime Scene Mapping, Evidence Collection, Fingerprint Analysis, Blood Spatter Analysis, Hair and Fiber Analysis, and Handwriting Analysis. This course heavily relies on laboratory and research skills. This course should be considered by anyone who wants to learn more about forensic evidence or anyone that wants practical laboratory experience.

ANATOMY AND PHYSIOLOGY (E3020)

1.0 credit

Grades: 11, 12

Prerequisite: General Biology

Content: Human Anatomy & Physiology describes the structure and function of the human body. This course is designed to help you understand how your own body works by looking at the important features of the body's major organ systems. The course also explores the ways in which your body keeps you healthy and what happens when the processes that keep us healthy break down. Students should expect an active learning environment with problems, projects, collaboration, and labs.

MICROBIOLOGY (E2023)

1.0 credit

Grades: 11, 12

Prerequisite: General Biology

Special Note: Transcribed Credits with Blackhawk Technical College, grade C or better

Content: Microbiology is the study of microorganisms including bacteria, archaea, algae, fungi, protozoa and viruses. The field is concerned with the structure, function and classification of these organisms and the practical application of exploiting and controlling their activities. Students should expect an extensive lab experience. This course is designed for students interested in exploring careers working in research and medical laboratories, nursing or medical fields.

EXPLORATIONS IN HEALTH & LABORATORY SCIENCES (E2025)

****Formerly “Intro to Biotechnology”**

1.0 credit

Grades: 10, 11, 12

Biotechnology is a growing career field with multiple applications, including in healthcare. Biotechnology studies how biological organisms and processes can be used to improve health and society. This lab skills course will introduce students to the techniques and knowledge necessary to gain experience for more advanced courses in the Health Sciences pathway, and to support students working toward OSHA and healthcare related certifications.

ADVANCED PLACEMENT (AP) BIOLOGY (E4020)

1.5 credits

Grades: 11, 12

Pre-requisites: 1 Biological Credit

Content: AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the topics of biochemistry, cells and communication, heredity, gene expression and regulation, natural selection and ecology. Students will complete 8 units of study spanning three terms. There is an emphasis on laboratory work, application and analysis of biological concepts. **In May, the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credit.**

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) or Advanced Modern U.S. History (9th) or AP U.S. History (10th/11th/12th transfer students)
 World History (1 credit): World History (10th) or AP World History (10th/11th/12th). Government (½ credit): American Democracy (12th) or AP U.S. Government (12th). Elective (½ credit): All students must have a ½ credit elective of your choice (10th–12th).

Course Title	Enrollment Grades				Credit	Prerequisites	Co-Requisites & Special Notes
	9	10	11	12			
Modern U.S. History (D1050)	X	*	*	*	1.0		Required for Graduation Alternative Available
Advanced Mod. U.S. History (D1060)	X				1.0		Sub for Mod. U.S. History
American Diversity (D2026) *Formerly “American Minorities”		X	X	X	0.5		Global/Biliteracy Elective
African-American Studies (D2028)		X	X	X	0.5		Global/Biliteracy Elective
Latino Studies (D2030)		X	X	X	0.5		Global/Biliteracy Elective
Women Studies (D2046)		X	X	X	0.5		
AP U.S. History (D2100)		X	X	X	1.5		College Credit Option
American Democracy (D4010)				X	0.5		Required for Graduation Alternative Available
AP U.S. Government (D4100)				X	1.0		Sub for American Dem. College Credit Option
World History (D2010)		X	*	*	1.0		Required for Graduation Alternative Available
AP World History Modern (D4200)		X	X	X	1.5		Sub for World History Global/Biliteracy Elective College Credit Option
AP African-American Studies (D2029)		X	X	X	1.0		Global/Biliteracy Elective College Credit Option
History of the Holocaust & Genocide (D2016)		X	X	X	0.5		Global/Biliteracy Elective
AP Human Geography (D6100)	X	X	X	X	1.0		Global/Biliteracy Elective College Credit Option
AP European History (D5100)		X	X	X	1.0		College Credit Option
Economics ((D2038)		X	X	X	0.5		
Criminal Law (D3010)			X	X	0.5		
Current Events (D3020)		X	X	X	0.5		
Sociology (D3040)			X	X	0.5		
Psychology (D3030)			X	X	0.5		
AP Psychology (D3100)			X	X	1.0		College Credit Option

Social Studies Courses

MODERN U.S. HISTORY (D1050)

1.0 credit

Grade: 9

Special Note: Required for Graduation (Alternates available)

Content: The Modern US History course is an introduction to the events that took place from World War 1 to present day. Throughout this class, students will examine major questions and dive into the events, leaders, and movements that have shaped our society today. Students will reflect on what it means to be an American.

ADVANCED MODERN U.S. HISTORY (D1060)

1.0 credit

Grade: 9

Special Note: May be taken as a replacement for the U.S. History graduation requirement.

Content: Advanced U.S. History contains all of the required elements of the Modern U.S. History course, with additional time devoted to higher level reading, writing, and discussion. Students who sign up for this course, should expect a rigorous and deeper dive into their history lessons. This class is designed to prepare students for AP courses. This course fulfills the U.S. History requirement for graduation.

AMERICAN DIVERSITY(D2026)

***Formerly “American Minorities”**

0.5 credit

Grades: 10, 11, 12

Special Note: Global/Biliteracy Elective

Content: The course examines the important roles that diverse groups have played in the development of the United States. The class also focuses on issues that these groups face today. The groups studied include: Ethnic minorities, religious minorities, Women, Native Americans and other protected groups.

AFRICAN-AMERICAN STUDIES (D2028)

0.5 credit

Grades: 10, 11, 12

Special Note: Global/Biliteracy Elective

Content: This course provides a chronological study of the history and themes of African civilization and the African American experience in the United States. The class starts with an examination of early African geography, culture and civilization and continues to the present. Special emphasis is placed on the contribution of African Americans in the building of the United States and the issues faced throughout the 20th Century.

LATINO STUDIES (D2030)

0.5 credit

Grades: 10, 11, 12

Special Note: Global/Biliteracy Elective

Content: This course will focus on the experiences of Latino-Americans in United States history. Topics that will be explored include: (1) What does it mean to be a Latino-American. (2) The importance of labor, migration and immigration to the history of Latino-Americans. (3) How social movements have helped shape the story of Latino-Americans in the United States.

WOMEN'S STUDIES (D2046)

0.5 credit

Grades: 10, 11, 12

Content: This course is designed for students who have a strong interest in Women's history throughout time, as well as key systematic issues facing women today. This course will look at the accomplishments of ancient women and modern-day women alike, as well as topics such as sexism, racism, double standards, discrimination in multiple forms, and much more. In this course, students will have the opportunity to consider why women's history has been hidden, erased, or minimized, as well as why and how women have faced discrimination and oppression throughout the course of human history.

ADVANCED PLACEMENT (AP) U.S. HISTORY (D2100)

1.5 credit

Grades: 10, 11, 12

Content: AP US History is a course that will make you think critically about American history in a way that will challenge you but yet be rewarding and fun at the same time. This class will look at American history through multiple perspectives to challenge preconceived notions about our nation's past. The course starts with Indigenous people that lived in America before European arrival and goes through the present day. This will include inquiries about: the values of the pilgrims, the causes of the American Revolution, the lives of our Founding Fathers such as Alexander Hamilton, the causes of the civil war, George Washington's lasting legacy on U.S. Foreign Policy, the reasons why the U.S. and the Soviets stockpiled nuclear weapons, and many more important themes that explain how 500 plus years of American history has defined our present day nation. **In May, the College Board offers examinations which will cover content from the AP U.S. History course. Students who perform well on the exam may earn college credit.**

AMERICAN DEMOCRACY (D4010)

0.5 credit

Grade: 12

Special Note: Required for Graduation (Alternates available)

Content: 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.***

ADVANCED PLACEMENT (AP) U.S. GOVERNMENT (D4100)

1.0 credit

Grade: 12

Special Note: This course may be substituted for American Democracy.

Content: This course is a non-partisan introduction to the foundations and systems of the United States government. This course will introduce students to key political concepts, ideas, institutions, policies, and roles of the constitutional system and political culture of the United States. **In May, the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credit.**

World History Courses

WORLD HISTORY (D2010)

1.0 credit

Grade: 10

Special Note: Required for Graduation (Alternates available)

Content: The semester-long course will look at World History through a multicultural and thematic lens. Content will focus on World Religions and Beliefs, World Conflicts and Resolutions, Worldwide Trade Systems (Resources & Scarcity), and Human Rights. The course will also have a strong focus on the skills of reading, writing, contextualization, communication, and research. These skills will be supported by the content and a selection of WI social studies standards.

ADVANCED PLACEMENT (AP) WORLD HISTORY MODERN (D4200)

1.5 credit

Grade: 10, 11, 12

Special Note: May be substituted for World History; Global/Biliteracy Elective

Content: Advanced Placement World History can be taken to satisfy the world history graduation requirement or as an elective course. The class focuses on preparation for the Advanced Placement exam in May. The course is designed to give motivated students an overview of world history. The course begins at 1200 CE and concludes in the early 21st Century. It will focus on instruction through the development of Historical Thinking Skills and application of World History content and concepts. Emphasis is placed on the development of analytical and writing skills necessary for success on a collegiate level. To this end, the course devotes considerable time to the critical evaluation of primary and secondary sources, analysis of historiography (the principles, theories or methodology of scholarly historical research and presentation) and inquiry into global connections that have shaped our present world. **In May, the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credit.**

ADVANCED PLACEMENT (AP) AFRICAN AMERICAN STUDIES (D2029)

1.0 credit

Grade: 10, 11, 12

Special Note: Global/Biliteracy Elective

Content: The class examines the diversity of African American experiences through authentic and varied sources. The interdisciplinary course will draw from a variety of fields like literature, the arts and humanities, political science, geography and science. The four main topics of this new AP course are: Origins of the African Diaspora; Freedom, Enslavement and Resistance; The Practice of Freedom; and Movements and Debates. In each of these major units of study, students will practice disciplinary literacy and inquiry skills. **In May, the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credit.**

HISTORY OF THE HOLOCAUST AND GENOCIDE (D2015)

0.5 credit

Grade: 10, 11, 12

Special Note: Global/Biliteracy Elective

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.

ADVANCED PLACEMENT (AP) HUMAN GEOGRAPHY (D6100)

1.0 credit

Grades: 9, 10, 11, 12

Special Note: Global/Biliteracy Elective

Content: This course uses physical geography at its foundation, in order to understand the many ways humans interact with the world and the people around them. The class includes an in-depth look at factors that impact population growth, human migration, culture, global politics, agriculture, industrialization, and urbanization. Through this course, students will have the chance to come away with a much deeper understanding of the vast, rapidly-changing world we live in, and the ways humans have both positively and negatively changed the world around them. **In May, the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credit.**

ADVANCED PLACEMENT (AP) EUROPEAN HISTORY (D5100)

1.0 credit

Grade: 10, 11, 12

Recommended: Take AP U.S. History or AP World History prior to AP European History

Content: Bienvenue, Willkommen, Velkommen, Bienvenido, Welcome to AP European History! The course is designed to give motivated students an overview of European history. In this AP course students will study the cultural, economic, political, and social developments that have shaped Europe from the year 1450 and conclude in the 21st century. You'll analyze texts, visual sources, and other historical evidence and write essays expressing historical arguments as part of a focus on Historical Thinking Skills and application of European History content and concepts. **In May, the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credit.**

Social Science Courses

ECONOMICS (D2038)

0.5 credit

Grades: 10, 11, 12

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.

CRIMINAL LAW (D3010)

0.5 credit

Grades: 11, 12

Content: Students will examine many aspects of criminal law including the causes of crime, victims, trial procedure, gangs, capital punishment, juvenile justice, and much more. Students will job shadow, visit a courthouse and police station, hear guest speakers, and hold mock trials.

CURRENT EVENTS (D3020)

0.5 credit

Grades: 10, 11, 12

Content: This course examines what is happening in America and in the world today. Newspapers, magazines, and the internet are used to study the events and people that affect our life. This class will enable students to better understand the world. Students are required to participate actively in class discussions and debates.

SOCIOLOGY (D3040)

0.5 credit

Grades: 10, 11, 12

Content: This class examines the way society is organized and how it functions. This class allows students to examine the groups and institutions that affect their lives.

PSYCHOLOGY (D3030)

0.5 credit

Grades: 11, 12

Content: This course is designed to help the individual to better understand herself/himself. It provides insight into how we learn and how psychologists do research. It covers the workings of the mind and body through studying the brain, perceptions, motivations and altered states of consciousness. Life span, personality theories, stress, breakdown and therapy will be discussed.

ADVANCED PLACEMENT (AP) PSYCHOLOGY (D3100)

1.0 credit

Grades 11, 12

Content: This course in Psychology will introduce students to the systematic and scientific study of the behavior and mental processes of human beings such as learning, motivation, emotions, personality, deviance and pathology, physiological factors, and social influences. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the methods psychologists use in their science and practice. **In May, the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credit.**

FAMILY AND CONSUMER SCIENCE DEPARTMENT

Family and Consumer Sciences strive to help students make informed decisions about their well-being, relationships, and resources to achieve an optimal quality of life. The courses offered at BMHS are closely tied to Hospitality, Education, and Healthcare pathways. We hope that you explore the extensive offerings in our department.

Course Title	Enrollment Grades				Credit	Prerequisites	Co-Requisites & Special Notes
	9	10	11	12			
Housing & Interior Design (G0242)	X	X	X	X	0.5		
Foods & Cultures (G0272)	X	X	X	X	0.5		Global/Biliteracy Elective
Hospitality Services 1 (G0323)	X	X	X	X	0.5		Dual Credit (Advanced Standing w/ BTC)
Hospitality Services 2 (G0353)		X	X	X	0.5	Hospitality Services 1	Dual Credit (Advanced Standing w/ BTC)
ECE: Child Development (G0292) *Formerly "Child Development"	X	X	X	X	0.5		Dual Credit (Transcripted Credit w/ BTC)
ECE: Health, Safety and Nutrition (G0333) *Formerly "ECE 1"		X	X	X	0.5	ECE: Child Development	Dual Credit (Transcripted Credit w/ BTC)
EDU: Introduction to Educational Practices (G0343) *Formerly "ECE 2"		X	X	X	0.5	ECE: Child Development	Dual Credit (Transcripted Credit w/ BTC)
EDU: Overview of Special Education (G0344) *New Course			X	X	0.5	EDU: Introduction to Educational Practices	Dual Credit (Transcripted Credit with BTC)

Family & Consumer Science Courses

HOUSING AND INTERIOR DESIGN (G0242)

0.5 credit

Grades: 9, 10, 11, 12

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

Special Notes: Global/Biliteracy Elective

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.

HOSPITALITY SERVICES 1 (G0323)

0.5 credit

Grades: 9, 10, 11, 12

Special Note: Advanced Standing credits with Blackhawk Technical College, grade of B or better

Content: This class introduces students to commercial kitchen basics and hospitality career exploration. Knife skills and safety, sanitation basics, and commercial equipment functions will all be covered in addition to career cluster surveys. Light food preparation (cooking and baking) as well as nutrition and menuing will be introduced.

HOSPITALITY SERVICES 2 (G0353)

1.0 credit

Grade: 10, 11, 12

Prerequisite: Hospitality Services 1

Special Note: Advanced Standing credits with Blackhawk Technical College, grade of B or better

Content: This class continues to prepare students for careers and/or higher education in the hospitality industry. Catered events and prep for the student-run café provide opportunities for students to learn in a hands-on fast-paced and exciting environment. Knife skills and safety, sanitation and food safety, baking, cooking and utilization of commercial equipment in food preparation will be achieved.

Child Development & Education Courses

ECE: CHILD DEVELOPMENT (G0292)

***Formerly “Child Development”**

0.5 credit

Grades: 9,10, 11, 12

Special Note: Transcribed Credits with Blackhawk Technical College, grade C or better

Content: The course examines child development within the context of the early childhood education setting. This course focuses on children ages 3-8 years of age. The course will help students gain knowledge and skills associated with positive parent-and-child and teacher-and-child relationships. Students will have opportunities to develop activities for preschoolers ages 3-5 years relating to the physical, social, intellectual, and emotional development of children. Students have the opportunity to earn transcribed credit in BTC’s Associate Degree program for Early Childhood Education.

ECE: HEALTH, SAFETY AND NUTRITION (G0333)

***Formerly “ECE 1”**

0.5 credit

Grades: 10, 11, 12

Prerequisite: ECE: Child Development

Special Note: Transcribed Credits with Blackhawk Technical College, grade C or better

Content: This course examines the topics of health, safety, and nutrition within the context of the early childhood educational setting for children from birth through 8 years of age. This course includes training for Abusive Head Trauma, SIDS, and Mandated Reporter certifications. Students will gain the knowledge necessary for a career working with young children and could earn transcribed credit in the Associate Degree Program for Early Childhood Education at Blackhawk Technical College. At the end of the course, students may be eligible for the Assistant Child Care Teacher (ACCT) certificate that qualifies them to work as an assistant childcare teacher in a childcare facility. Certification requirements by the Department of Public Instruction, Department of Children and Family Services, and Blackhawk Technical College require students to earn at least a ‘C’ in this course and not miss more than six (6) class periods to be eligible for the certificate).

EDU: INTRODUCTION TO EDUCATIONAL PRACTICES (G0343)

***Formerly “ECE 2”**

0.5 credit

Grades: 10, 11, 12

Prerequisite: ECE: Child Development

Special Note: Transcribed Credits with Blackhawk Technical College, grade C or better

Content: Students analyze preK-12 education in the United States, determine the roles and responsibilities of school personnel, and explore current trends and best practices. Students identify how students learn and the foundations of lesson planning. Students analyze assessment strategies, classroom management, and techniques for supporting learners.—Blackhawk Technical College requires students to earn at least a ‘C’ in this course.

EDU: OVERVIEW of SPECIAL EDUCATION (G0344)

***New Course**

0.5 credit

Grades 11,12

Prerequisites: EDU: Introduction to Educational Practices

Special Note: Transcribed Credits with Blackhawk Technical College, grade C or better

This course examines a historical overview of special education law including special education disability categories as defined by the Individuals with Disabilities Education Act (IDEA). Students explore state and federal qualification special education criteria and societal responses to students with disabilities. Students examine the impact of a student with disabilities on family dynamics and the role school personnel play in supporting students with disabilities.

JUNIOR RESERVE OFFICER 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.

Course Title	Enrollment Grades				Credit	Prerequisites	Co-Requisites & Special Notes
	9	10	11	12			
JROTC LET 1 (N1000)	X	X	X	X	1.0		
JROTC LET 2 (N2000)		X	X	X	1.0	JROTC LET 1	
JROTC LET 3 (N3000)			X	X	1.0	JROTC LET 2	
JROTC LET 4 (N4000)				X	1.0	JROTC LET 3	

JROTC LET 1 (N1000)**1.0 credit****Grades: 9, 10, 11, 12**

Content: Introduction to ethical values, principles 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.

JROTC LET 2 (N2000)**1.0 credit****Grades: 10, 11, 12****Prerequisite: JROTC LET 1**

Content: Leadership application is the primary focus. Students are introduced to small group instruction, given leadership positions, and demonstrate knowledge of basic military skills. Learn about world geography, health, wellness and fitness. Demonstrate the ability to think and communicate logically. Improve writing and verbal communication skills.

JROTC LET 3 (N3000)**1.0 credit****Grades: 11, 12****Prerequisite: JROTC LET 2**

Content: Instruction focuses on leadership application, teamwork, decision making, supervising and mentoring. Participate in physical fitness activities and community service work. Begin the process of applying for post-secondary education and improve both writing and speaking skills.

JROTC LET 4 (N4000)**1.0 credit****Grade: 12****Prerequisite: JROTC LET 3**

Content: Apply the principles of leadership. Demonstrate proficiency in all basic JROTC skills. Prepare for post-secondary education and or apply skills to a chosen military/civilian education or occupational specialty. Prepare to graduate high school. Provide continuity for the next graduating class of JROTC students. Become a productive citizen of the United States of America.

PERFORMING ARTS DEPARTMENT

FIND YOUR PASSION IN THE ARTS at BELOIT MEMORIAL HIGH SCHOOL!							
Beloit Memorial High School offers an award-winning, well-rounded performing arts curriculum with many options in instrumental music (band / orchestra / jazz) vocal music (choir) and theatre. Some ensembles require an audition to participate (see course description for more information). In addition to performing ensembles, we also offer Class Piano and AP Music Theory.							
Course Title	Enrollment Grades				Credit	Prerequisites	Co-Requisites & Special Notes
	9	10	11	12			
Bass Choir (L0049) *Formerly "Men's Choir"	X	X	X	X	1.0		Skinny Course
Treble Choir (L0050)	X	X	X	X	2.0		
Varsity Treble Choir (L0054) *Formerly "Varsity Women's Choir"		X	X	X	2.0	Treble Choir	Vocal Audition
Concert Choir (L0055)		X	X	X	2.0	Treble or Bass Choir	Vocal Audition
String Ensemble (L0040)	X	X	X	X	1.0	Prior Experience	Skinny Course
Symphony Orchestra (L0042)		X	X	X	2.0	String Ensemble	Placement Audition
Concert Band (L0031)	X	X	X	X	2.0		Placement Audition
Wind Ensemble (L0035)		X	X	X	1.0		Placement Audition Skinny Course
Jazz Orchestra (L0037) *Formerly "Jazz 1"		X	X	X	2.0		Placement Audition
Jazz Ensemble (L0038) *Formerly "Jazz 2"	X	X	X	X	2.0		Placement Audition
Class Piano (L0062)	X	X	X	X	0.5		
Basic Music Theory (L0063)	X	X	X	X	0.5		
AP Music Theory (L0064)		X	X	X	1.5	Basic Music Theory	College Credit Option
Performing Arts (L1080)	X	X	X	X	0.5		
Advanced Acting (L1085)		X	X	X	0.5	Performing Arts	
Theatre Arts (L1090)		X	X	X	1.0	Performing Arts	
Theatre Crafts (L1095)			X	X	1.0	Performing Arts	

Vocal Music

BASS CHOIR (L0049)

***Formerly “Men's Choir”**

1.0 credits

Grades: 9, 10, 11, 12

Special Note: This course is taught during the Skinny Block.

Content: This course is designed for beginning low-voice students who are interested in participating in choir at the high school level. Special attention will be made to develop and establish a foundation for healthy vocal technique as it pertains to the changing low-voice. 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, dress rehearsals, and concerts 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)

2.0 credits

Grades: 9, 10, 11, 12

Content: This course is designed for beginning high-voice students who are interested in participating in choir at the high school level. Special attention will be made to develop and establish a foundation for healthy 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, dress rehearsals, and concerts 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.

VARSITY TREBLE CHOIR (L0054)

***Formerly “Varsity Women's Choir”**

2.0 credits

Grades: 10, 11, 12

Prerequisite: Treble Choir and Voice Audition

Content: This course is designed for 10th-12th grade high-voice students who are interested in participating in choir at the high school level. Choir is a performance ensemble designed to explore choral music from a wide variety of styles, time periods, and cultural traditions. Students will be expected to participate in daily singing and technique activities that help train the singing voice as well as participate in private voice lessons with the choir teacher. Music theory and sight-singing will also be studied. In addition to daily rehearsals, all students must attend required sectionals, dress rehearsals, concerts, and choir festivals 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.

CONCERT CHOIR (L0055)

2.0 credits

Grades: 10, 11, 12

Prerequisite: Treble or Bass Choir and Voice Audition

Content: Concert Choir is an auditioned performance ensemble that explores choral music from a wide variety of styles, time periods, and cultural traditions. Students in Concert Choir have generally been enrolled in Treble Choir, Bass Choir, or Varsity Treble Choir. Lessons in music theory and daily singing exercises will be focused on training the voices of the ensemble as well as broadening one's understanding of music. In addition to daily rehearsals, all students must attend required sectionals, dress rehearsals, concerts, and choir festivals 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.

String Music

STRING ENSEMBLE (L0040)

1.0 credit

Grade: 9, 10, 11, 12

Prerequisite: Experience in Orchestra at the intermediate school level.

No audition required

Special Note: This course is taught during the Skinny Block.

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. 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.

SYMPHONY ORCHESTRA (L0042)

2.0 credits

Grades: 10, 11, 12

Prerequisite: String Ensemble and/or permission of instructor after performance audition

Content: Symphony Orchestra is primarily a performing ensemble. Required performances include: Fall, Winter, and Spring Concerts, Coronation assembly, and other performances as determined. Most (if not all) performances are scheduled outside of school time. Students are required to attend scheduled lessons. Students rehearse during class time to develop individual and group skills while preparing music of many styles. **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)

2.0 credits

Grades: 9, 10, 11, 12

Prerequisite: Placement Audition. Auditions 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: 10, 11, 12

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

Special Note: This course is taught during the Skinny Block.

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 ORCHESTRA (L0037)

Formerly "Jazz 1"

2.0 credits

Grades: 10,11,12

JAZZ ENSEMBLE (L0038)

Formerly "Jazz 2"

2.0 credits

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 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 techniques 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.

Music Composition and Theory

CLASS PIANO (L0062)

0.5 credit

Grades: 9, 10, 11, 12

Content: The main objective of this course is to provide students with the experience of basic piano performance and the basics of music theory. Students will learn to perform the piano with proper posture and technique, learn the basics of note reading and rhythm counting, and begin to explore the foundations of music theory. In this class students will work independently at their own keyboard with a headset as well as have the opportunity to perform for the teacher and other students for feedback before the summative playing assessment. Students will be assessed through playing assessments and written assessments. This is a great class for those interested in starting their music education or for those who already have a background in music and are looking to grow their abilities.

BASIC MUSIC THEORY (L0063)

0.5 credit

Grades: 9, 10, 11, 12

Content: Any student desiring to grow in their understanding of music theory may take Basic Music Theory. Prior music knowledge and abilities are beneficial but not required. The course begins with learning to read musical notation and basic music terminology and concepts. Other topics covered include basic rhythmic concepts, intervals, and scales. Basic Music Theory is a prerequisite to AP Music Theory. Students in Basic Music Theory are not required to continue into the AP class. However, Basic Music Theory provides the foundation for AP Music Theory.

ADVANCED PLACEMENT (AP) MUSIC THEORY (L0064)

1.5 credit

Grades: 10, 11, 12

Prerequisite: Basic Music Theory, Participation in a performing ensemble and/or private voice/instrument lessons is highly encouraged

Content: AP Music Theory is the equivalent of a first-year college level music theory course. In this course students will first master the rudiments and terminology of music, including hearing and notating pitches, intervals, scales and keys, metric organization, and rhythmic patterns. From there, students will engage in higher level tasks including, but not limited to, harmonic and melodic analysis, aural skills (including sight-singing and dictation), composition exercises, score analysis of musical masterworks, species counterpoint figured bass analysis and realization, and formal analysis of small and large musical forms. This course will prepare students to take the AP Music Exam. **In May, the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credit.**

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: 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.

THEATRE ARTS (L1090)

1.0 credit

Grades: 10, 11, 12

Prerequisite: Performing Arts

Content: Students in Theatre Arts will learn the basic concepts of staging a play and write their own scripts in an ensemble theatre setting and learn short and long form improvisational theatre techniques. They will write original plays, both comic and tragic, adapted from social issues, short stories, non-fiction, and poetry to be performed in front of their peers.

THEATRE CRAFTS (L1095)

1.0 credit

Grade: 11, 12

Prerequisite: Performing Arts

Content: Dedicated to the backstage/behind-the-scenes aspects of theatre, this class explores the concepts of theatre design. Students will learn about lighting, sound, costume, and set design. All final projects are hands-on in the theatre space. Some time is spent on set construction for the fall play and spring musical with hands-on projects involving props, set, painting, costumes, etc.

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	Enrollment Grades				Credit	Prerequisites	Co-Requisites & Special Notes
	9	10	11	12			
Introduction to Automotive Technology (H0038)	X	X	X	X	0.5		
Automotive Technology 1 (H0039)	X	X	X	X	1.0	Intro to Automotive Technology	
Automotive Technology 2 (H0040)		X	X	X	1.0	Auto Tech 1	Dual Credit (Advanced Standing w/ BTC)
Automotive Technology 3 (H0041)			X	X	2.0	Auto Tech 2	
IT Fundamentals (H4001)	X	X	X	X	0.5		
IT Network 1 (H4002)	X	X	X	X	1.0	IT Fundamentals	
IT Network 2 (H4004)		X	X	X	1.0	IT Network 1	
Construction 1 (H3005)	X	X	X	X	0.5		
Construction 2 (H3006)		X	X	X	1.0	Construction 1	
Construction 3 (H3012)		X	X	X	2.0	Construction 2	
Cabinetry 1 (H3035)	X	X	X	X	0.5		
Cabinetry 2 (H3030)		X	X	X	1.0	Cabinetry 1	
Cabinetry 3 (H3036)		X	X	X	1.0	Cabinetry 2	
Machining & CNC Operation 1 (H3033)	X	X	X	X	1.0	Algebra 1(or concurrent enrollment)	
Machining & CNC Operation 2 (H3028)		X	X	X	1.0	Machining 1	
Machining & CNC Operation 3 (H3040)		X	X	X	1.0	Machining 2	
Welding 1 (H3032)	X	X	X	X	0.5		Dual Credit (Advanced Standing w/ BTC)
Welding 2 (H3031)		X	X	X	1.0	Welding 1	Dual Credit (Advanced Standing w/ BTC)
Welding 3 (H3034)		X	X	X	1.0	Welding 2	
Introduction to Robotics (H1001) *New Course	X	X	X	X	0.5		
PLTW: Intro to Engineering Design (H1011)	X	X	X	X	1.0		
PLTW: Principles of Engineering (H1013)		X	X	X	1.0	PLTW: Intro to Engineering	

Automotive Technology Courses

Note:All Automotive Classes meet at the Eclipse Center. Transportation provided Blocks 2 - 5.

INTRODUCTION TO AUTOMOTIVE TECHNOLOGY (H0038)

0.5 credit

Grades: 9, 10, 11, 12

Content: Introduction to Automotive Technology focuses on Safety, Careers in the Automotive Industry, Basic Electricity, Hydraulics, Hand and Power Tools, Engine Theory, Basic Vehicle Systems, and Basic Vehicle Maintenance. This course would be a prerequisite for Automotive Technology 1, and would require a C or better to move on to the next level. This course will help introduce students to the Field of Automotive Technology, and will contain both classroom and lab instruction.

AUTOMOTIVE TECHNOLOGY 1 (H0039)

1.0 credit

Grades: 9, 10, 11, 12

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. This course is transcribed with Blackhawk Technical College for 2 credits in Service Fundamentals. **Recommended: Coveralls, Safety Glasses**

AUTOMOTIVE TECHNOLOGY 2 (H0040)

1.0 credit

Grades: 10, 11, 12

Prerequisite: Automotive Technology 1.

Special Note: Transcribed Credit with Blackhawk Technical College, Grade C or better

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. This course is transcribed with Blackhawk Technical College for 4 credits in Brake Service, and 1 credit in Automotive Machine Shop. Students also have the opportunity to earn ASE entry-level certification.

Recommended: Coveralls, Safety Glasses

AUTOMOTIVE TECHNOLOGY 3: ADVANCED AUTOMOTIVE & HEAVY TRUCK (H0041)

2.0 credits

Grades: 11, 12

Prerequisite: Automotive Technology 2

Content: The course consists of a combination of classroom instruction, computer-based learning activities and hands-on lab work. The first half of this course will focus on advanced automotive topics. The second half of the course will focus on heavy truck and diesel engines. Successful completion of the three Autos courses will prepare a student for entry-level as an automotive tech. Topics covered include careers, fuel and emission systems, advanced engine performance, transmissions, steering, suspension and alignment as well as heating and air conditioning. This course is transcribed with Blackhawk Technical College for 4 credits in Steering and Suspension Service, and 2 credits in Service Simulation. Students also have the opportunity to earn ASE entry-level certification. **Recommended: Coveralls, Safety Glasses**

Information Technology Courses

IT FUNDAMENTALS (H4001)

0.5 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.

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

IT NETWORK 2 (H4004)

1.0 credit

Grades: 10, 11, 12

Prerequisite: IT Network 1 or Instructor Approval.

Content: IT Network 2 is designed for students with advanced problem solving and analytical skills, such as students pursuing degrees in engineering, information technology, math, or science. Students are expected to know binary math and understand the concept of algorithms. Emphasis will be on both theory and hands-on activities. This class is the Third Level class, which will require students to have completed IT Fundamentals and IT Network 1. The major projects are: Network Fundamentals, Routing Protocols and Concepts, LAN Switching and Wireless, and Accessing the WAN.

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 build off of blueprints. Key concepts students will learn in this course are: safety; using concrete and forms, 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.

CONSTRUCTION 2 (H3006)

1.0 credit

Grades: 10,11,12

Prerequisite: Construction 1

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, using blueprints; basic residential electrical, and 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.

CONSTRUCTION 3 (H3012)

2.0 credit

Grades: 10, 11, 12

Pathway: 20

Prerequisite: Construction 2 or Instructor Approval

Content: This course is designed for students who wish to enter into the final stages of the building trade's field courses. This year-long course will have students learning and practicing expert level topics in the building trades. Students will accurately estimate using blueprints and build full-scale modules to industry standards. Key concepts included: safety; designing and using blueprints; quoting and price estimating; residential construction techniques of floors, walls, and roofs and the use of power equipment used in the building trades industry. Students will also complete labs related to interior and exterior finishes, plumbing, HVAC, electrical, masonry and stairs, framing and roofing. Students will be assessed in their ability to produce and complete accurate and high quality products related to the building trades.

CABINETRY 1 (H3035)

0.5 credit

Grades: 9,10,11,12

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 will build a wall cabinet.

Students may be responsible for purchasing projects made in class.

CABINETRY 2 (H3030)

1.0 credit

Grades: 10, 11, 12

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.**

CABINETRY 3 (H3036)

1.0 credit

Grades: 10, 11, 12

Prerequisite: Cabinetry 2

Content: Students will be able to choose a project of their choice and work independently, all while improving their craftsmanship/skills. Each student will be responsible for figuring out amount of wood to purchase and providing their own teacher approved blueprints. Students get to keep their final project when completed! Students must complete Cabinetry 1 and 2 before being allowed into this course, No Exceptions. **Students may be responsible for purchasing projects made in class.**

Machining & Welding Courses

MACHINING & CNC Operations 1 (H3033)

1.0 credit

Grades: 9, 10, 11, 12

Prerequisite: Previous Completion or Concurrent Enrollment in Algebra 1

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 2 (H3031)

1.0 credit

Grades: 10, 11, 12

Prerequisite: Machining & CNC Operations 1

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 more 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**

MACHINING & CNC OPERATIONS 3 (H3040)

1.0 credit

Grades: 10, 11, 12

Prerequisite: Machining & CNC Operations 2

Content: Students must pass Machining and CNC Operations 2 in order to join this course on account of the scope and sequence of the curriculum that is being taught. This course covers advanced methods in design, setup, and operation of CNC machining centers. Emphasis is on design, programming and production of complex parts. Upon completion, students should be able to demonstrate skills in design, programming, operations, and setup of CNC machining centers.

NATIONAL INSTITUTE FOR METALWORKING SKILLS Testing and Credentialing

WELDING 1 (H3032)

0.5 credit

Grades: 9, 10, 11, 12

Special Note: Advanced Standing credits with Blackhawk Technical College, grade of B or better

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 also familiarize students with all necessary national safety rules and regulations of the welding industry, in addition to personal protective equipment and machine operation. This course will prepare students for Advanced Welding & Fabrication.

WELDING 2 (H3031)

1.0 credit

Grades: 10, 11, 12

Pre-requisites: Welding 1

Special Note: Advanced Standing credits with Blackhawk Technical College, grade of B or better

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. Students will also learn welding and fabrication math. 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.

WELDING 3 (H3034)

1.0 credit

Grades: 10, 11, 12

Prerequisites: Welding 2

Content: This course will be targeting students who want to further their knowledge in welding and/or are actively pursuing a career in the welding field. Key curricular concepts in this course will be teaching students welding processes and advanced welding positions and joints. The course examines Gas Metal Arc Welding (GMAW) machine settings, theory, filler metals, polarities, safety protocol and welding process. Students will make welds in all positions. Projects in this course are much larger than those in Welding II and will be relevant to situations they may/will encounter in the welding career. **Students will design and build their own independent project, which they will need to pay for.**

Engineering Courses

INTRODUCTION TO ROBOTICS (H1001)

0.5 Credit

Grades: 9, 10, 11, 12

Content: This course is designed to introduce students into the world of robotics. Focus will be on hands on building, programming, problem solving and overall design. Students will be informed about career and technical opportunities. Course design allows for students to be inventive and creative when completing projects and working in groups as well as independently.

PLTW: INTRODUCTION TO ENGINEERING DESIGN (IED) (H1011)

1.0 credit

Grades: 9, 10, 11, 12

Special Note: College credit is available for the Milwaukee School of Engineering (MSOE) for students earning a “B” or better and a successful score on their End of Course Exam.

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.

PLTW: PRINCIPLES OF ENGINEERING (POE) (H1013)

1.0 credit

Grades: 10, 11, 12

Prerequisite: PLTW: Introduction to Engineering

Special Note: College credit is available for the Milwaukee School of Engineering (MSOE) for students earning a “B” or better and a successful score on their End of Course Exam.

Content: This course helps students understand the field of engineering/engineering technology. Students will explore various technology systems and manufacturing processes to learn how engineers and technicians use math, science, and technology in an engineering problem solving process to benefit people. Through hands-on experience students will develop a strong foundation of the analysis, problem solving, design, and modeling skills used by engineers and those in related professions.

VISUAL ARTS DEPARTMENT

The Visual 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. Applied Arts is an additional foundation course offered at BMHS. It is for students wishing to learn how art and design principles are applied to crafts and functional objects.

Tier 2 Art courses have 1 pre-requisite course & include: Intro to Graphics, Drawing, Painting, Photography, Sculpture, Ceramics, Fashion Design, Advanced Applied Arts & Digital Art. These courses offer a more specialized knowledge of the Arts.

Tier 3 Advanced Level Art courses have 2 - 4 prerequisites & include: Advanced Drawing, Digital Art 2, Advanced Ceramics, and AP Art and Design. These courses are offered for serious students wanting to develop skill and a personal style, as well as a portfolio of artwork for AP Art & Design and/or college and job portfolio reviews.

Course Title	Enrollment Grades				Credit	Prerequisites	Co-Requisites & Special Notes
	9	10	11	12			
2-D Art (I0010)	X	X	X	X	0.5		
3-D Art (I0020)	X	X	X	X	0.5		
Applied Arts (I0021)	X	X	X	X	0.5		Global/Biliteracy Elective
Drawing (I0035)		X	X	X	0.5	2-D Art	
Advanced Drawing (I0037)		X	X	X	0.5	Drawing	
Painting (I0045)		X	X	X	0.5	2-D Art	
Sculpture (I0032)		X	X	X	0.5	3-D Art	
Photography (I0047)	X	X	X	X	0.5	2-D Art	
Digital Art (I0053)		X	X	X	0.5	2-D Art	
Advanced Digital Art (I0054)		X	X	X	0.5	Digital Art	
Clay Ceramics (I0031)		X	X	X	0.5	3-D Art	
Advanced Ceramics (I0033)		X	X	X	0.5	Clay Ceramics	
Fashion Design (10030)		X	X	X	0.5	2-D or 3-D Art	
Introduction to Graphic Art (I3002)		X	X	X	0.5	2-D Art	
AP Art & Design (I4000)			X	X	2.0	Three prior Art courses	College Credit Option

Foundation 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 artworks, 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.

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), and fashion design. Creativity and good craftsmanship are emphasized. 2-D art is **not** a prerequisite.

APPLIED ARTS (I0021)

0.5 credit

Grades: 9, 10, 11, 12

Special Note: Global/Biliteracy Elective

Content: This beginning art course is an introduction to the art of design and decoration of objects used everyday. Students will be exposed to a variety of materials, occasionally working in teams creating models and prototypes for functional objects like fashion apparel, toys and games, furniture, jewelry, et al. A global perspective will be explored to inspire and give historical and cultural context.

Fine Art Courses

DRAWING (I0035)

0.5 credit

Grades: 10, 11, 12

Prerequisite: 2-D Art

Content: Students will focus on the basic skills and techniques of drawing. Some areas of focus include line and mark making, value, texture, use of color, composition, proportion, as applied to expressive non-objective, observational, and perspective drawing. Students will explore the use of various drawing media and approaches to drawing in personally expressive & creative ways.

ADVANCED DRAWING (I0037)

0.5 credit

Grades: 10, 11, 12

Prerequisite: Drawing

Content: This course is designed as an advanced study of drawing techniques and concepts. Students will delve into various themes, explore expressive media and mixed-media applications and are encouraged to find and develop their own stylistic approach.

Note: Students considering AP Drawing would benefit from taking this course as projects could also be used toward the AP Drawing portfolio.

PAINTING (I0045)

0.5 credit

Grades: 10, 11, 12

Prerequisite: 2-D Art

Recommended: Take Drawing prior to taking Painting

Content: Students explore a variety of painting media: watercolor, acrylic, pastel & mixed media. Students will learn color theory & various painting techniques and approaches, moving on to paint subjects such as objects, landscapes, portraits and abstractions.

SCULPTURE (I0032)

0.5 credit

Grades: 10, 11, 12

Prerequisite: 3-D Art

Content: Students who enjoyed 3-D art can further build their skills in Sculpture class. In this course you will explore processes and concepts like: site specific installations, assemblages and both additive and subtractive methods. Paper Mache, clay, plaster, wire, cloth, metal and paper may be used. Creativity and good craftsmanship are emphasized.

PHOTOGRAPHY (I0047)

0.5 credit

Grades, 9, 10, 11, 12

Prerequisite: 2-D Art

Content: Students in this course will explore processes, techniques and concepts specific to digital photography. This class prepares students who are interested in pursuing professional photography careers focusing on architecture, commercial, fine arts, photojournalism, medical, fashion, and session portraiture. Students also explore the possibilities of manipulating their digital images in the classroom computer lab. The history of Photography will be explored as well.

DIGITAL ART (I0053)

0.5 credit

Grades: 10, 11, 12

Prerequisite: 2-D Art

Content: Students will use digital tools including Adobe Photoshop and various iPad apps to create original artwork. Software is used to create art for video games or animations, character designs, printed works like t-shirts, posters or album art. Students will also learn to recombine and edit photos using special effects.

ADVANCED DIGITAL ART (I0054)

0.5 credit

Grades: 10, 11, 12

Prerequisite: Digital Art

Content: Students will continue to develop their technical & artistic skills using photo-manipulation and drawing/painting software programs, such as Photoshop & Illustrator. Students will also explore art making, which combines traditional drawing & painting media with original digital creations.

Note: Drawing and Painting are beneficial, but not required.

Applied Art Courses

CLAY CERAMICS (I0031)

0.5 credit

Grades: 10, 11, 12

Prerequisite: 3-D Art

Content: Students spend the entire term making sculptures and pottery out of clay. Using the coil, pinch and slab method you will learn how to create various functional objects and sculptures. Students will learn how to finish their pottery with additive and subtractive methods and glazes. Creativity and good craftsmanship are emphasized.

ADVANCED CERAMICS (I0033)

0.5 credit

Grades: 10, 11, 12

Prerequisite: Clay Ceramics

Content: Students will spend the whole term working with clay to make pottery and sculptures. We will use hand building techniques learned in ceramics to create complex forms. Students will also learn how to throw pots on a wheel. Additive texture, subtractive carving, and glazing techniques will be utilized to design vessels with creativity and craftsmanship.

FASHION DESIGN (I0030)

0.5 credit

Grades: 10, 11, 12,

Prerequisite: 2-D Art or 3-D Art

Content: Students in this course will learn sewing basics by hand and machine, how to up-style clothes, and how to create simple clothes from patterns. Drawing fashion illustrations and developing your own fashion designs will be taught along with working on unconventional materials, recycled garments and new fabrics. **Students will be responsible for purchasing \$15 worth of fabric and notions.**

INTRODUCTION TO GRAPHIC ART (I3002)

0.5 credit

Grades: 10,11,12

Prerequisite: 2-D Art

Content: This is an intro level design class for students interested in commercial art. Students will build on their understanding of art & design by applying basic graphic design theory to projects using traditional art supplies and computer software such as Adobe Photoshop. Projects are intended to simulate real world design problems, such as branding/logo development, product & package design, advertisements, page layout, album art, etc.

AP Art Courses

ADVANCED PLACEMENT (AP) ART & DESIGN (I4000)

2.0 credits

Grades: 11, 12

Prerequisite: 3 prior Art courses or permission from instructor

Special Note: This course includes AP 2D, AP 3D and AP Drawing courses

Content: This year long advanced placement course is for students wishing to develop their artistic voice by growing their talents, techniques and concepts in their chosen area of interest. Students will add 15 artworks / artifacts to their portfolio by the end of the year. You may choose to work in any medium including ceramics, fashion or interior design, digital art, drawing, painting, sculpture, photography, etc. Students must be able to work independently. **In May the College Board offers examinations/portfolio submission for the AP classes. Students who perform well on the exam/portfolio may earn college credits.**

WORLD LANGUAGES DEPARTMENT

Being bilingual is a benefit for all career pathways. World Languages classes help students become global citizens; employers want workers who interact and communicate in culturally appropriate ways. Students in any academy can take French and Spanish classes. **BMHS celebrates students' achievements toward bilingualism and biliteracy by offering the opportunity to earn the Global Scholars Program Award (GSP) and/or the Seal of Biliteracy upon graduation.** BMHS offers French, Spanish and Spanish Language Arts. Many colleges and universities require at least two credits of one language other than English in order to enroll. It is possible to earn 5-16 college credits FREE for passing BMHS Spanish 4 from UW Oshkosh's CAPP program, 3-26 college credits for passing AP Spanish Language & Cultures plus UW's CAPP, or 3-5 college credits for passing AP French Language & Cultures for high school students.

Course Sequences

French lang.Sp.	Spanish (as 2nd lang.)	Spanish Language Arts (SLA) for DLI & home
1	1	Intro. To High Sch. Span.Lang.Arts 1 (SLA 1)
2	2	Intermediate H.S. Span. Lang. Arts 2 (SLA2)
3	3	Advanced Span.Lang Arts 3 (SLA 3)
4	4	Spanish 4
AP French Lang. & Cult.	AP Spanish Language. & Cult. Spanish for Careers & Community AP Spanish Literature. & Cult.	AP Spanish Language. & Cult. Spanish for Careers & Community AP Spanish Literature. & Cult.

Course Title	Enrollment Grades				Credit	Prerequisites	Co-Requisites & Special Notes
	9	10	11	12			
French 1 (K1010)	X	X	X	X	1.0		
French 2 (K1012)	X	X	X	X	1.0	French 1	
French 3 (K1014)		X	X	X	1.0	French 2	
French 4 (K1016)		X	X	X	1.0	French 3	
AP French Language & Culture (K1018)			X	X	1.0	French 4	College Credit Option
Spanish 1 (K1040)	X	X	X	X	1.0		
Spanish 2 (K1042)	X	X	X	X	1.0	Spanish 1	
Spanish 3 (K1046)	X	X	X	X	1.0	Spanish 2	
Intro.to High Sch. Span. Lang. Arts1 (SLA 1) (K1041)	X	X	X	X	1.0	Speaks & reads Spanish at home	DLI,home=Span.
Intermediate HS Span. Lang. Arts 2 (SLA2) (K1043)	X	X	X	X	1.0	SLA 1	DLI,home=Span.
Advanced HS Span. Lang. Arts 3 (SLA 3) (K1044)		X	X	X	1.0	SLA 2	DLI,home=Span.
Spanish 4 (K1050)		X	X	X	1.0	Spanish 3	DLI Dual Credit (CAPP credit w/ UWO)
AP Spanish Language & Culture (K1052)		X	X	X	1.0	Spanish 4	Dual Credit (CAPP credit w/ UWO), DLI College Credit Option
Spanish for Careers & Community (K1055) *New Course			X	X	1.0		
AP Spanish Literature & Culture (K1054)			X	X	1.0	AP Spanish Lang. & Cultures	College Credit Option
AP World Language Refresher (K1053)		X	X	X	0	French 2 or Spanish 2, or SLA2	Bilingual Awards: Seal of Biliteracy support,DLI

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. This course helps students communicate at the novice level.

FRENCH 2 (K1012)

1.0 credit

Grades: 9, 10, 11, 12

Prerequisite: French 1

Content: This course continues the work of French 1 with an increasing emphasis on writing and speaking. Students will write in the target language and present dialogues. 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 preterit tenses. An introduction to French music is used to strengthen listening comprehension and phonetic skills. Daily use of technology is integrated for formative assessment. This course helps students to communicate at the novice and intermediate levels.

FRENCH 3 (K1014)

1.0 credit

Grades: 10, 11, 12

Prerequisite: French 2

Content: This is considered the beginning of advanced study and the teacher will conduct the course mostly in French. The four basic language skills continue to be developed with a strong emphasis on comparing the past and imperfect verb tenses. Vocabulary content includes study of personal hygiene, beliefs and clothing. Future and conditional tenses are introduced. Communication in French is expected and will count in daily participation points. Popular French music will be used as a regular medium for dictation and mastery of phonetic skills. Additional activities include reading short stories, journal writing, speaking participation in class and with voice-recording technology. Partner work, original dialogues and presentations continue to be a part of the curriculum. French film is introduced. Daily use of technology is integrated for formative assessment. This course helps students communicate at the intermediate level.

FRENCH 4 (K1016)

1.0 credit

Grades: 10, 11, 12

Prerequisite: French 3

Content: This is a continuation of advanced study and the teacher will conduct the course almost entirely in French. Students will be expected to communicate in French and it will be a critical component in grading. This course deals in greater depth with grammatical concepts, adding the conditional, pluperfect and subjunctive tenses. Expect continued practice in speaking and writing including weekly journals, current event presentation and dictation to music and popular literature. Students will compose their own work, including but not limited to writing pieces and folklore tales. Students will research French speaking African countries and view some French films. Daily use of technology is integrated for formative assessment. This course helps students communicate at the intermediate and advanced levels.

ADVANCED PLACEMENT (AP) FRENCH LANGUAGE & CULTURES (K1018)

1.0 credit

Grades: 11, 12

Prerequisite: French 4

Content: This is the most advanced course offered and has been modified to meet the standards for the new language and cultures AP Exam. It deals with advanced grammatical concepts and requires an intensive review of all the major verb tenses. The class is conducted mainly in French and students will be expected to participate in the target language only. Students will have the opportunity to study French novels, short stories, theater, poetry and art. Course content includes units on the French education and political systems. Students will have the opportunity to explore French media and analyze several classic French films. Current events, cultural projects, and weekly journals are maintained as an integral part of the curriculum. It is a must for students who intend to continue language study at the college level. Advanced placement exams are optional. Daily use of technology is integrated for formative assessment. This course helps students communicate at the intermediate and advanced levels. **In May the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credits.**

Spanish as Second Language Courses

SPANISH 1 (K1040)

1.0 credit

Grades, 9, 10, 11, 12

Content: Students are actively involved in a variety of listening, speaking, reading, and writing exercises in Spanish. Activities are designed based on state and national standards. Students learn to communicate in Spanish about our community and global communities with Spanish-speaking cultures. They make interdisciplinary connections and comparisons with their own experiences. Students are assessed on their accuracy and fluency using basic language skills to communicate at the novice-high and intermediate-low levels for traditional tests, projects and performance-based presentations.

SPANISH 2 (K1042)

1.0 credit

Grades: 9, 10, 11, 12

Prerequisite: Spanish 1

Content: Students actively participate in class daily by speaking, reading, writing, and listening in Spanish. Instruction will be more than 50% in Spanish and aligned with state and national standards. Students study the culture and geography of several Hispanic countries. Projects and performances will involve students communicating about events in the present and past on a variety of topics. Students do performance-based assessments to show their accuracy and fluency using developing language skills at the intermediate-low and intermediate-mid level in interpersonal, interpretive and presentational communication.

SPANISH 3 (K1046)

1.0 credit

Grades: 9, 10, 11, 12

Prerequisite: Spanish 2

Content: This intermediate class is conducted 75% in Spanish. This course is aligned with state and national standards. This course focuses on improving students' fluency through diverse cultural topics and global perspectives. Students improve their own communication through grammar study and comprehensible input for cultural topics. Students will read short stories and short novels. Students will participate in spontaneous conversation in logical, culturally appropriate manners. Students are assessed on their accuracy and fluency using intermediate-mid proficiency language skills for interpersonal, interpretive and presentational communication.

DLI Spanish & Home Language Spanish Courses

INTRODUCTION TO HIGH SCHOOL SPANISH LANGUAGE ARTS (SLA1) (K1041)

(ARTES DE LENGUAJE ESPAÑOL 1)

1.0 credit

Grade: 9, 10, 11, 12

Content: This course is for students who speak Spanish as a first language and for students who have been in DLI Spanish classes. In this course students will be required to read literature and complete writing tasks daily. By taking this course, students will improve in spelling, their vocabulary will increase, and they will improve their proficiency in writing and in reading. Students will focus on interpreting and summarizing information and they will produce original essays.

Contenido: *Esta clase (SLA1) es para los estudiantes que hablan español como lengua materna y para los estudiantes que han sido parte del programa DLI en español. En este curso se requiere que los estudiantes lean literatura y escriban diariamente. Al tomar esta clase, los estudiantes mejorarán sus habilidades de deletrear, su vocabulario se aumentará, y se cultivará su competencia de escribir y leer. Los estudiantes se enfocarán en interpretar y resumir la información leída para escribir ensayos originales.*

INTERMEDIATE HIGH SCHOOL SPANISH LANGUAGE ARTS 2 (SLA2) (K1043)

(ARTES DE LENGUAJE ESPAÑOL 2)

1.0 credit

Grade: 9, 10, 11, 12

Prerequisite: SLA 1 or teacher recommendation

Content: In this intermediate level 2 course, students will enhance their literacy skills and perfect their abilities to write with correct grammar and spelling for expository, narrative, and descriptive works in Spanish. Students will read examples of each type of piece then incorporate their understanding of the correct structure and grammar of the Spanish language during the writing process. Proficiency rubrics will determine the extent to which the student has command of the language and competence in the content and context of the requirements of the written tasks.

Contenido: *La clase SLA2 es un curso para los estudiantes que hablan español como lengua materna y para los que han aprobado la clase de Español para hispanohablantes 1. En este curso intermedio, los estudiantes aumentarán su competencia de lectoescritura y perfeccionarán las habilidades de escribir con gramática y ortografía correcta en formas de prosa explicativa, narrativa y descriptiva. Se utilizarán el criterio de competencia para evaluar el dominio del lenguaje escrito en el contexto de las tareas y los trabajos.*

ADVANCED SPANISH LANGUAGE ARTS 3 (SLA3) (K1044)

(ARTES DE LENGUAJE ESPAÑOL 3)

1.0 Credit

Grade: 10, 11,12

Prerequisite: SLA 2 or teacher recommendation

Content: SLA 3 is an advanced class where students will further increase their abilities to interpret, analyze and critique various texts. They will learn to write formal essays and cite references in MLA format.

***Contenido:** La clase de SLA 3 es un curso avanzado en el que los estudiantes aumentarán aún más, sus habilidades de interpretar, analizar, y criticar textos diferentes. Se aprenderán a formar ensayos formales y citar referencias en forma MLA.*

Advanced Spanish Language Courses

SPANISH 4 (K1050)

1.0 credit

Grades: 10, 11, 12

Prerequisite: Spanish 3

Special Note: Transcribed 1.0 – 16.0 college credits through CAPP program UW Oshkosh

Content: This advanced class is conducted 80-90% in Spanish as the students are actively involved in a variety of activities and exercises in reading, writing, listening and speaking activities based on state and national standards. Students review and expand their knowledge of more advanced uses of grammatical structures by studying cultures, excerpts of authentic literature, and social justice issues in the Spanish speaking world. Students are assessed on their accuracy and fluency using intermediate and advanced proficiency skills.

***Contenido:** La clase de español 4 es avanzada y se enseña 80-90% en español porque los estudiantes están involucrados activamente en tareas que incluyen la lectura, la escritura, escuchar y entender / hablar. Estas actividades se basan en los estándares estatales y nacionales. Los estudiantes extienden el aprendizaje referente a las estructuras gramaticales por estudiar culturas, literatura y justicia social en el mundo hispanohablante. Los exámenes miden la competencia intermedia y avanzada por la fluidez y la exactitud del lenguaje.*

ADVANCED PLACEMENT (AP) SPANISH LANGUAGE & CULTURES (K1052)

1.0 credit

Grade: 11, 12

Prerequisite: Spanish 4 or Spanish for Spanish Speakers 3

Special Note: Transcribed 1.0 – 21.0 college credits through CAPP program UW Oshkosh

Content: This advanced class is conducted as a college level language course. Activities are based on national standards. Material is presented in Spanish and students are actively involved in practicing to read, write, listen, and speak with intermediate-high, advanced-low, & advanced-mid levels of proficiency for interpersonal, interpretive and presentational communication. Mastery of the indicative, imperative, and subjunctive moods is stressed, along with a comprehensive grammatical review through studies regarding sustainable development goals and global conflicts in the Spanish-speaking world. Students are expected to participate in discussions in Spanish. Students use technology for practice, projects, and other performance tasks.

In May the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credits. Additional college credits are available upon initial enrollment, application and registration online for free with UW-Oshkosh's CAPP program.

SPANISH FOR CAREERS AND COMMUNITY (K1055)

1.0 credit

Grade: 11, 12

Prerequisite: Spanish 4 or SLA 3; Can co-req Sp.4 / SLA3 / AP Spanish Lang. or Lit.

Content: This course is for students who have Spanish literacy skills at intermediate-high proficiency. Students connect and compare their Spanish literacy skills to work-world language requirements including the development of soft skills. Students actively participate in project-based learning regarding sustainable development goals (SDGs) for standards-based activities. They will identify an area of interest and develop a service project around it that involves the use of the Spanish language literacy and soft skills in some way, in order to positively impact our community and prepare them for the work world.

***Contenido:** Esta clase es para estudiantes que ya tienen la competencia intermedio-alto o más alto. Los estudiantes se conectan y comparan las habilidades de lectoescritura para las carreras y la comunidad; se incluyen las “soft skills”. Los estudiantes participan activamente en el aprendizaje basado en proyectos diseñados con los objetivos de desarrollo sostenible (Naciones Unidas). Se identificarán una área de interés y se desarrollará un proyecto que incluye las habilidades del bilingüismo para demostrar resultados positivos en nuestra comunidad para prepararlos mejor para sus carreras después de graduarse.*

ADVANCED PLACEMENT (AP) SPANISH LITERATURE & CULTURES (K1054)

1.0 credit

Grade: 11, 12

Prerequisite: AP Spanish Language & Cultures or by teacher recommendation

Content: Students study Spanish literature and cultures for a national AP exam. The course covers content from the official *AP Spanish Literature and Culture Reading List*. The class will be conducted entirely in Spanish. **In May the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credits.**

***Contenido:** Los estudiantes estudian la literatura y las culturas hispanohablantes para el examen nacional de AP. El contenido incluye literatura de la lista oficial de AP Literature and Culture Reading List. La clase se realizará completamente en español.*

AP WORLD LANGUAGE REFRESHER (K1053)

0 credit

Grade: 10, 11, 12

Prerequisite: French 2, Spanish 2, Intro. HS Sp. Lang. Arts, DLI

Special Note: This course is taught during the Skinny Block.

Content: This course is for students who are working to earn the Global Scholars Program Award and / or the Seal of Biliteracy. This is an academic lab where students are encouraged to practice their Spanish or French. Students have direct support for completing requirements for bilingual awards by the time they graduate.

***Contenido:** Esta clase es para estudiantes que trabajan para obtener los premios bilingües: Premio del Programa de Estudiantes Globales y / o el Sello de Bialfabetismo. Esta clase es un laboratorio académico en el que se practica el español o el francés. Los estudiantes tendrán el apoyo directo para terminar los requisitos de los premios al graduarse.*

WORK BASED LEARNING

Work Based Learning is designed for students who are interested in participating in a work experience in various fields associated with any of our College and Career Academies. Students must complete an application which will be reviewed by an Academy school counselor and a designated Academy work based staff member. Students will be released from school to go to work at an approved work site. The student will be responsible for transportation to and from work, and must average 10-15 hours per week. Academy Work Based instructors must approve all job sites.

Along with the work, students must enroll in the coordinated Work Based Learning lab taught during the Skinny Block. This course will involve coursework related to the job, on-site job evaluation, and evaluations with the employer.

Students are expected to either have a job or obtain a job before beginning the class or within two weeks of the semester's start. Students who do not maintain a job will be removed from the class and placed in regular courses. Students must have a minimum GPA of 2.0 to apply and be current on all graduation requirement courses.

Enrollment for all Work Based Learning is only completed through an APPLICATION PROCESS beginning with your Academy school counselor. Students should enroll in a full 8 credits of regular coursework which will be modified once acceptance into the Work Based program is completed.

There are four types of approved Work Based Learning Experiences. These include: Co-op, Youth Apprenticeships (YA), Work Study and Internships. Each type has different criteria.

Cooperative Education Programs (Co-op)

Wisconsin's State-Certified Cooperative Education Programs are quality work-based learning options, providing junior or senior high school students with paid work experience, which contributes substantially to their educational and occupational development. The student's experience is divided between classroom instruction related to the applied work and workplace learning. Courses and employment must fall under one of these State approved areas:

- Business
- Childcare Assistant Child Care Teacher (ACCT)/Infant-Toddler
- Food Service
- Information Technology
- Marketing
- Employability Skills Certificate
- Youth Leadership Certificate

Requirements:

- Two semesters of related classroom instruction integrating employability skills (WBL Lab - Skinny).
- Paid work experience under the supervision of a workplace mentor for an average of 15 hours per week (**minimum of 480 hours total**)
 - EXCEPTION: Youth Leadership Certificate & Employability Skill (**90 hours minimum**)

Youth Apprenticeship (YA):

A Youth Apprenticeship is a one or two year "earn while you learn" program for high school juniors and seniors consisting of work and related classroom instruction in a chosen occupation. Training is received on-the-job where the employer teaches the skills of the occupation. The program is designed for students to spend a portion of their day at school taking related coursework and the rest of the time at a cooperating employer (minimum 450 hrs), earning pay while participating. Students are required to enroll in the applicable WBL Lab (Skinny). Employment must fall under one of the 13 State approved areas:

- Agriculture and Food Resources
- Architecture and Construction
- Arts, Audio Visual Technology, and Communications
- Business Administration
- Education
- Finance
- Health Sciences
- Hospitality and Tourism
- Information Technology
- Manufacturing
- Marketing
- Science, Technology, Engineering, Mathematics
- Transportation, Distribution, Logistics

Work Study - District Endorsed Program

Students can earn high school credit and professional skills while working in an area not defined by the Youth Apprenticeship or Co-op programs. Work study could also apply for students who do not meet the required 450 hours of work of the YA Program. This district level program offers more flexibility to the student and employer while still offering the benefits of work-based learning. Students must enroll in the applicable WBL Lab (Skinny).

Internships - District Endorsed Program

Students can earn high school credit and professional skills while working by participating in internships that are created between the high school and business partners. Specific descriptions are included below. All internships are an application process.

Course Title	Enrollment Grades				Credit	Prerequisites	Co-Requisites & Special Notes
	9	10	11	12			
CO-OP EXPERIENCES							
CO-OP CHILD/INF (WC2301)				X	2.0	DPI Assistant Child Care Teacher Certification (ACCT)	Co-req: ECE: Infant and Toddler Development ECE Certification
YOUTH APPRENTICESHIP EXPERIENCES							
YA ARCHITECTURE & CONSTRUCTION (YA2301)			X	X	2.0	Previous Construction course experience	Coreq: WBL PACMES
YA INFORMATION TECHNOLOGY (YA2306)			X	X	2.0	Previous IT course experience	Coreq: WBL PACMES
YA MANUFACTURING (YA2307)			X	X	2.0	Previous CNC or Welding course experience	Coreq: WBL PACMES
YA ENGINEERING & TECHNOLOGY (YA2309)			X	X	2.0	Previous Engineering course experience	Coreq: WBL PACMES
YA TRANSPORTATION (YA2310)			X	X	2.0	Previous Automotive course experience	Coreq: WBL PACMES
YA VISUAL ARTS COMMUNICATION (YA2302)			X	X	2.0	Previous Art course experience	Coreq: WBL BACH
YA FINANCE (YA2303)			X	X	2.0	Previous Accounting course experience	Coreq: WBL BACH

YA HOSPITALITY & TOURISM (YA2305)			X	X	2.0	Previous Hospitality course experience	Coreq: WBL BACH
YA MARKETING (YA2308)			X	X	2.0	Previous Marketing course experience	Coreq: WBL BACH
YA HEALTH SCIENCE (YA2304)			X	X	2.0	Previous Health-related course experience	Coreq: WBL HHES
WORK STUDY EXPERIENCES							
WS CONSTRUCTION (WS2301)			X	X	2.0		Coreq: WBL PACMES
WS MANUFACTURING (WS2302)			X	X	2.0		Coreq: WBL PACMES
WS INFO TECHNOLOGY (WS2303)			X	X	2.0		Coreq: WBL PACMES
WS AUTO TECHNOLOGY (WS2304)			X	X	2.0		Coreq: WBL PACMES
WS BUSINESS & MARKETING (WS2311)			X	X	2.0		Coreq: WBL BACH
WS FINANCE (WS2312)			X	X	2.0		Coreq: WBL BACH
WS HOSPITALITY & TOURISM (WS2313)			X	X	2.0		Coreq: WBL BACH
WS MEDIA ARTS (WS2314)			X	X	2.0		Coreq: WBL BACH
WS HEALTH CAREERS (WS2321)			X	X	2.0		Coreq: WBL HHES
WS EDUCATION & EARLY CHILDHOOD ED. (WS2322)			X	X	2.0		Coreq: WBL HHES
INTERNSHIPS							
Welty Internship (E5024)				X	2.0		Coreq: WBL HHES All Science credits must be completed for application

Internship Descriptions

WELTY INTERNSHIP (E5024)

2.0 credits

Grades: 12

APPLICATIONS MUST BE SUBMITTED TO SCHOOL COUNSELOR FOR APPROVAL.

Special Note: All required science credits must be completed for application.

Content: The Welty Environmental Center, located at Big Hill Park, offers spring internships for interested seniors. During this internship students will conduct and present an environmental research project. Students will be guided through this process. Students will also work with elementary school students during field trips and work on land management projects within Big Hill Park. Students must complete the application and interview process during the fall semester. The internship begins Semester 2. Students are responsible for transportation to the center.

COLLEGE CREDIT OPTIONS

There are many opportunities for students to earn college credit while attending Beloit Memorial High School. We encourage students to create a four year plan and take advantage of as many opportunities as possible.

Option 1: Advanced Placement (AP) courses

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. Students will take the National AP Exam in May to receive their AP score. Some colleges grant up to six college credits for a score of 3 or higher on the AP exam. Students are also able to move into a higher level class at colleges as a freshman. The School District of Beloit will pay for all students to take Advanced Placement examinations.

Option 2: Transcribed and Advanced Standing Courses – Blackhawk Technical College & UW Whitewater at Rock County

Multiple courses in the catalog are denoted as “**transcribed**.” This means that the student earns both high school and college credit by taking a class within the high school taught by a qualified high school teacher. The credits are shown on the student’s transcript and will be accepted by most colleges offering the same class. Students enroll in the college that we have partnered with to deliver the course. There is no charge to the student for this opportunity.

Some courses are denoted as “**advanced standing**.” These courses are delivered in the high school as well, but the credits are not listed on the student’s transcript. These credits are only active once the student enrolls in the partner college after high school graduation. They are not guaranteed to be accepted by other colleges, but often are within the Wisconsin Technical College System. You will receive college credit after graduation if you enroll in the college within 27 months of graduation.

Option 3: Project Lead the Way (PLTW) - Milwaukee School of Engineering

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. College credit is available for the Milwaukee School of Engineering (MSOE) for students earning a “B” or better and a successful score on their End of Course Exam.

Option 4: Porter Scholar Program - Beloit College

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 up to two classes 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.**

Option 5: Start College Now - Wisconsin Technical System (BTC)

"Start College Now" allows high school students the opportunity to take college courses at Wisconsin Technical Colleges not offered at BMHS. This is done by turning in the Start College Now Application to their school counselor by October 1 or March 1.

The Collegiate Academy program leverages both our college courses taught at the high school and the Start College Now program to provide an accelerated path to students with an opportunity to earn an associate’s degree or technical diploma from Blackhawk Technical College concurrently with their high school career. Please see the website, your counselor, or the Director of Career and Technical Education for all of the details of the program and the pathways offered.

Option 6 Early College Credit Program (ECCP) - UW System & Private College

The Early College Credit Program (ECCP) allows students to enroll at Wisconsin public, charter, and private high schools to take up to 18 credits of college courses at a local UW school or private college for high school and/or college credit. Students MUST submit their ECCP applications (no exceptions) to their school by October 1 for spring courses or March 1 for fall courses.

Option 7 Cooperative Academic Partnership Program (CAPP) - UW Oshkosh

College Credits for High School Spanish:

UW Oshkosh offers 5 – 16 college credits for high school students completing Spanish 4 (UWO Spanish 204) or 5 – 21 college credits for high school students completing AP Spanish Language & Cultures (UWO Spanish 312). Students must apply online before July 31st the summer before you take a CAPP class. (<https://www.uwosh.edu/capp/students/first-apply-then-register>) Students who apply for the CAPP program register for the appropriate course through UW Oshkosh to earn college credits. (<https://apply.wisconsin.edu/>) You will then receive an email with instructions on how to register for the class beginning in September. You do not have to attend UW Oshkosh after you graduate as these credits may transfer to other colleges and universities. There is no cost to students who take CAPP Spanish classes at BMHS. Contact World Language Department Chair (Julie Horvath) for more information or help in applying.

Course Title	Enrollment Grades				Credit	Prerequisites	Co-Requisites & Special Notes
	9	10	11	12			
ADVANCED PLACEMENT (AP) COURSES - Taught at BMHS							
AP Language and Composition (B1036)			X	X	1.0	English 10	Sub for English 11 or Sub for English 12 College Credit Option
AP Literature and Composition (B1050)				X	1.0	English 11 or AP Language	Sub for English 12 College Credit Option
AP Pre-Calculus (C2001) *New Course		X	X	X	1.0	Algebra 2 and Geometry	College Credit Option
AP Calculus 1 (AB) (C2010)		X	X	X	1.0	AP Pre-Calculus	College Credit Option
AP Calculus 2 (BC) (C2015)		X	X	X	1.0	AP Calculus 1 (AB)	College Credit Option
AP Statistics (C1020)		X	X	X	1.5	Algebra 2	College Credit Option
AP Environmental Science (E4024)			X	X	1.5	1 Physical Science and 1 Earth Science	College Credit Option
AP Physics 1 (E4030)			X	X	1.0	Conceptual Physics and Algebra 2	College Credit Option
AP Chemistry (E4012)			X	X	1.5	Chemistry and Algebra 2	College Credit Option
AP Biology (E4020)			X	X	1.5	1 Biological Credit	College Credit Option
AP U.S. History (D2100)		X	X	X	1.5		College Credit Option
AP U.S. Government & Politics (D4100)				X	1.0		Sub for American Dem. College Credit Option
AP World History Modern (D4200)		X	X	X	1.5		Sub for World History Global/Biliteracy Elective College Credit Option
AP African-American Studies (D2029)		X	X	X	1.0		Global/Biliteracy Elective College Credit Option

AP Human Geography (D6100)	X	X	X	X	1.0		Global/Biliteracy Elective College Credit Option
AP European History (D5100)		X	X	X	1.0		College Credit Option
AP Psychology (D3100)			X	X	1.0		College Credit Option
AP Art & Design (I4000)			X	X	2.0	Three prior Art courses	College Credit Option
AP Music Theory (L0064)		X	X	X	1.5	Basic Music Theory	College Credit Option
AP French Language & Culture (K1018)			X	X	1.0	French 4	College Credit Option
AP Spanish Language & Culture (K1052)		X	X	X	1.0	Spanish 4	Dual Credit (CAPP credit w/ UWO), DLI College Credit Option
AP Spanish Literature & Culture (K1054)			X	X	1.0	AP Spanish Lang. & Cultures	College Credit Option
TRANSCRIPTED CREDIT COURSES - Taught at BMHS							
ECE: Child Development (G0292) *Formerly "Child Development"	X	X	X	X	0.5	None	Dual Credit (Transcribed Credit w/ BTC)
ECE: Health, Safety and Nutrition (G0333) *Formerly "ECE 1"		X	X	X	0.5	ECE: Child Development	Dual Credit (Transcribed Credit w/ BTC)
EDU: Introduction to Educational Practices (G0343) *Formerly "ECE 2"		X	X	X	0.5	ECE: Child Development	Dual Credit (Transcribed Credit w/ BTC)
EDU: Overview of Special Education (G0344) *New Course			X	X	0.5	EDU: Introduction to Educational Practices	Dual Credit (Transcribed Credit with BTC)
ECE: Infant and Toddler Development (G0444) *Formerly "ECE 3"				X	1.0	Approved Employment Prereq: ECE: Health, Safety, Nutrition	Dual Credit (Transcribed Credit w/ BTC) Enrollment by School Counselor Co-req: Co-op Early Childhood work experience (G0454)
Microbiology (E2023)			X	X	1.0	General Biology	Dual Credit (Transcribed Credit w/ BTC)
Medical Terminology (R0812)			X	X	0.5	Application	Dual Credit (Transcribed with/BTC)
The Criminal Justice System (R0816)			X	X	0.5	Application	Dual Credit (Transcribed w/ BTC)
Fire Behavior & Combustion (R0815)			X	X	0.5	Application	Dual Credit (Transcribed w/ BTC)
ADVANCED STANDING COURSES - Taught at BMHS							
Introduction to Public Speaking (B1098)			X	X	1.0	2.5 GPA and ECCP App	Dual Credit (Advanced Standing w/ Whitewater at Rock County)
Business Foundation (F1000)	X	X	X	X	1.0		Dual Credit (Advanced Standing w/ BTC)

Accounting (F2001)		X	X	X	1.0		Dual Credit (Advanced Standing w/ BTC)
Business & Personal Law (F3010)			X	X	0.5		Dual Credit (Advanced Standing w/ BTC)
Intro to Marketing (F3007)		X	X	X	1.0		Dual Credit (Advanced Standing w/ BTC)
Microsoft Office (F1004)	X	X	X	X	1.0		Dual Credit (Advanced Standing w/ BTC)
Hospitality Services 1 (G0323)	X	X	X	X	0.5		Dual Credit (Advanced Standing w/ BTC)
Hospitality Services 2 (G0353)		X	X	X	0.5	Hospitality Services 1	Dual Credit (Advanced Standing w/ BTC)
Math For Technical Careers 1 (C1093)		X	X	X	1.0	Algebra 1	Dual Credit (Advanced Standing w/ BTC)
Automotive Technology 2 (H0040)		X	X	X	1.0	Auto Tech 1	Dual Credit (Advanced Standing w/ BTC)
Welding 1 (H3032)	X	X	X	X	0.5		Dual Credit (Advanced Standing w/ BTC)
Welding 2 (H3031)		X	X	X	1.0	Welding 1	Dual Credit (Advanced Standing w/ BTC)
Craftsmen With Character (H2025)		X	X	X	2.0	Application	Placement by Staff Application Process Dual Credit (Advanced Standing w/ BTC)
PROJECT LEAD THE WAY (PLTW) - Taught at BMHS							
PLTW: Intro to Engineering Design (H1011)	X	X	X	X	1.0		MSOE Credit qualify with grade & exam scores
PLTW: Principles of Engineering (H1013)		X	X	X	1.0	PLTW: Intro to Engineering	MSOE Credit qualify with grade & exam scores
COOPERATIVE ACADEMIC PARTNERSHIP PROGRAM (CAPP)							
Spanish 4 (K1050)		X	X	X	1.0	Spanish 3	DLI Dual Credit (CAPP credit w/ UWO)
AP Spanish Language & Culture (K1052)		X	X	X	1.0	Spanish 4	Dual Credit (CAPP credit w/ UWO),DLI

AP Course Descriptions

ADVANCED PLACEMENT (AP) LANGUAGE & COMPOSITION (B1036)

1.0 credit

Grade: 11, 12

Prerequisite: English 10

Special Note: May be substituted for English 11 or English 12

Note: This class is reading and writing intensive!

Content: This course focuses on the development and revision of evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and the decisions writers make as they compose and revise. It provides students with opportunities to demonstrate and improve their academic writing skills through compositions about a variety of subjects within the realm of nonfiction. Students evaluate, synthesize, and cite research to support their arguments. Additionally, they read and analyze rhetorical elements and their effects in nonfiction texts—including images as forms of text— from a range of disciplines and historical periods. Students who successfully complete this course should be able to read complex texts with greater understanding and write with richness and depth. This class is reading and writing intensive! **In May, the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credit.**

Fee: Students are responsible for purchasing their own books.

ADVANCED PLACEMENT (AP) LITERATURE & COMPOSITION (B1050)

1.0 credit

Grade: 12

Prerequisite: English 11 or AP Language & Composition

Special Note: May be substituted for English 12

Students are strongly encouraged to take AP Language and Composition or Accelerated English before AP Lit. This class is reading and writing intensive!

Content: This course is conducted as close to a college course as possible. In the AP English Literature and Composition course, students devote themselves to the study of literary works written in—or translated into—English. Careful reading and critical analysis of such works of fiction, drama, and poetry, provide rich opportunities for students to develop an appreciation of ways literature reflects and comments on a range of experiences, institutions, and social structures. Students will examine the choices literary writers make and the techniques they utilize to achieve purposes and generate meanings. Furthermore, students will evaluate and implement speaking and writing skills that will enhance their ability to express interpretations precisely and logically. **In May, the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credit. Fee: Students are responsible for purchasing their own books.**

ADVANCED PLACEMENT (AP) PRE-CALCULUS (C2001)

***New Course**

1.0 credit

Grades: 10, 11, 12

Prerequisite: Algebra 2 and Geometry

Content: Students will apply the theory presented in previous courses. The applications leading to Calculus will be developed. Also included is the study of higher order of polynomial functions as well as rational, radical, logarithmic and exponential functions. Sequences and series and the Binomial Theorem are also studied. Students will study right triangle trigonometry including: functions, identities, unit circle, radian measure and vector applications. Students will solve oblique triangles using the laws of sine and cosine. The ability to connect mathematics with the outside world and the appropriate use of calculators are important components of this course. **In May, the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credit.** A graphing calculator is required.

ADVANCED PLACEMENT (AP) CALCULUS 1 (AB) (C2010)

1.0 credit

Grades: 10,11, 12

Prerequisite: AP Pre-Calculus

Content: This course covers limits and continuity, differentiation, anti-differentiation, integration techniques, and applications. The content of this course is equivalent to a first semester of calculus in college. Students who do well are encouraged to take the advanced placement Calculus AB exam in mathematics for possible college credit. Students should plan to purchase a graphing calculator. **In May, the College Board offers examinations for AP classes. Students who perform well on the exam may earn college credit.** A graphing calculator is required.

ADVANCED PLACEMENT (AP) CALCULUS 2 (BC) (C2015)

1.0 credits

Grades: 10,11, 12

Prerequisite: AP Calculus AB

Content: This course deals with applications of integration, Taylor and Maclaurin Series, vector functions, parametric equations, polar equations, and applications of calculus to all of these topics. This course is the equivalent to the second semester of college calculus. Those students who do well are encouraged to take the Advanced Calculus BC placement exam in mathematics for possible college credit. **In May, the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credit.** A graphing calculator is required.

ADVANCED PLACEMENT (AP) STATISTICS (C1020)

1.5 credits

Grades: 10,11, 12

Prerequisite: Algebra 2

Content: The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students who do well in this course are encouraged to take the advanced placement Statistics exam for possible college credit. **In May, the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credit.** A graphing calculator is required.

ADVANCED PLACEMENT (AP) ENVIRONMENTAL SCIENCE (E4024)

1.5 credits

Grades: 11, 12

Prerequisites: 1 Physical Science and 1 Earth Science Course

Content: AP Environmental Science (APES) is an introductory college-level course. Students will apply scientific principles, concepts, and methodologies to the interrelationships of the natural world. Students will also identify and analyze environmental problems both natural and human-made, and evaluate the risks associated with these problems and examine alternative solutions for resolving and/or preventing them. This is a laboratory intense science course. **In May, the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credit.**

ADVANCED PLACEMENT (AP) PHYSICS 1 (E4030)

1.0 credit

Grades: 11, 12

Prerequisite: Conceptual Physics (may be waived by instructor) and Algebra 2

Content: AP Physics 1 is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics; work, energy, and power; mechanical waves and sounds; and introduction of simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. **In May, the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credit.**

ADVANCED PLACEMENT (AP) CHEMISTRY (E4012)

1.5 credits

Grades 11, 12

Prerequisite: General Chemistry and Algebra 2 or consent of instructor

Content: This three-term class is designed to cover topics usually taught in college Chemistry. Topics include measurement, atomic theory, bonding, reactions, stoichiometry, thermochemistry, molecular geometry, gas laws, solutions, kinetics, equilibrium, acid-base interactions, buffers, thermodynamics, oxidation and reduction, electrochemistry, nuclear reactions, and the fundamentals of organic chemistry. **In May, the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credit.**

ADVANCED PLACEMENT (AP) BIOLOGY (E4020)

1.5 credits

Grades: 11, 12

Pre-requisites: 1 Biological Credit

Content: AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the topics of biochemistry, cells and communication, heredity, gene expression and regulation, natural selection and ecology. Students will complete 8 units of study spanning three terms. There is an emphasis on laboratory work, application and analysis of biological concepts. **In May, the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credit.**

ADVANCED PLACEMENT (AP) U.S. HISTORY (D2100)

1.5 credit

Grades: 10, 11, 12

Content: AP US History is a course that will make you think critically about American history in a way that will challenge you but yet be rewarding and fun at the same time. This class will look at American history through multiple perspectives to challenge preconceived notions about our nation's past. The course starts with Indigenous people that lived in America before European arrival and goes through the present day. This will include inquiries about: the values of the pilgrims, the causes of the American Revolution, the lives of our Founding Fathers such as Alexander Hamilton, the causes of the civil war, George Washington's lasting legacy on U.S. Foreign Policy, the reasons why the U.S. and the Soviets stockpiled nuclear weapons, and many more important themes that explain how 500 plus years of American history has defined our present day nation. **In May, the College Board offers examinations which will cover content from the AP U.S. History course. Students who perform well on the exam may earn college credit.**

ADVANCED PLACEMENT (AP) U.S. GOVERNMENT (D4100)

1.0 credit

Grade: 12

Special Note: This course may be substituted for American Democracy.

Content: This course is a non-partisan introduction to the foundations and systems of the United States government. This course will introduce students to key political concepts, ideas, institutions, policies, and roles of the constitutional system and political culture of the United States. **In May, the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credit.**

ADVANCED PLACEMENT (AP) WORLD HISTORY MODERN (D4200)

1.5 credit

Grade: 10, 11, 12

Special Note: May be substituted for World History; Global/Biliteracy Elective

Content: Advanced Placement World History can be taken to satisfy the world history graduation requirement or as an elective course. The class focuses on preparation for the Advanced Placement exam in May. The course is designed to give motivated students an overview of world history. The course begins at 1200 CE and concludes in the early 21st Century. It will focus on instruction through the development of Historical Thinking Skills and application of World History content and concepts. Emphasis is placed on the development of analytical and writing skills necessary for success on a collegiate level. To this end, the course devotes considerable time to the critical evaluation of primary and secondary sources, analysis of historiography (the principles, theories or methodology of scholarly historical research and presentation) and inquiry into global connections that have shaped our present world. **In May, the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credit.**

ADVANCED PLACEMENT (AP) AFRICAN AMERICAN STUDIES (D2029)

1.0 credit

Grade: 10, 11, 12

Special Note: Global/Biliteracy Elective

Content: The class examines the diversity of African American experiences through authentic and varied sources. The interdisciplinary course will draw from a variety of fields like literature, the arts and humanities, political science, geography and science. The four main topics of this new AP course are: Origins of the African Diaspora; Freedom, Enslavement and Resistance; The Practice of Freedom; and Movements and Debates. In each of these major units of study, students will practice disciplinary literacy and inquiry skills. **In May, the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credit.**

ADVANCED PLACEMENT (AP) HUMAN GEOGRAPHY (D6100)

1.0 credit

Grades: 9, 10, 11, 12

Special Note: Global/Biliteracy Elective

Content: This course uses physical geography at its foundation, in order to understand the many ways humans interact with the world and the people around them. The class includes an in-depth look at factors that impact population growth, human migration, culture, global politics, agriculture, industrialization, and urbanization. Through this course, students will have the chance to come away with a much deeper understanding of the vast, rapidly-changing world we live in, and the ways humans have both positively and negatively changed the world around them. **In May, the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credit.**

ADVANCED PLACEMENT (AP) EUROPEAN HISTORY (D5100)

1.0 credit

Grade: 10, 11, 12

Recommended: Take AP U.S. History or AP World History prior to AP European History

Content: Bienvenue, Willkommen, Velkommen, Bienvenido, Welcome to AP European History! The course is designed to give motivated students an overview of European history. In this AP course students will study the cultural, economic, political, and social developments that have shaped Europe from the year 1450 and conclude in the 21st century. You'll analyze texts, visual sources, and other historical evidence and write essays expressing historical arguments as part of a focus on Historical Thinking Skills and application of European History content and concepts. **In May, the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credit.**

ADVANCED PLACEMENT (AP) PSYCHOLOGY (D3100)

1.0 credit

Grades 11, 12

Content: This course in Psychology will introduce students to the systematic and scientific study of the behavior and mental processes of human beings such as learning, motivation, emotions, personality, deviance and pathology, physiological factors, and social influences. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the methods psychologists use in their science and practice. **In May, the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credit.**

ADVANCED PLACEMENT (AP) ART & DESIGN (I4000)

2.0 credits

Grades: 11, 12

Prerequisite: 3 prior Art courses or permission from instructor

Special Note: This course includes AP 2D, AP 3D and AP Drawing courses

Content: This year long advanced placement course is for students wishing to develop their artistic voice by growing their talents, techniques and concepts in their chosen area of interest. Students will add 15 artworks / artifacts to their portfolio by the end of the year. You may choose to work in any medium including ceramics, fashion or interior design, digital art, drawing, painting, sculpture, photography, etc. Students must be able to work independently. **In May, the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credit.**

ADVANCED PLACEMENT (AP) MUSIC THEORY (L0064)

1.5 credit

Grades: 10, 11, 12

Prerequisite: Basic Music Theory, Participation in a performing ensemble and/or private voice/instrument lessons is highly encouraged

Content: AP Music Theory is the equivalent of a first-year college level music theory course. In this course students will first master the rudiments and terminology of music, including hearing and notating pitches, intervals, scales and keys, metric organization, and rhythmic patterns. From there, students will engage in higher level tasks including, but not limited to, harmonic and melodic analysis, aural skills (including sight-singing and dictation), composition exercises, score analysis of musical masterworks, species counterpoint figured bass analysis and realization, and formal analysis of small and large musical forms. This course will prepare students to take the AP Music Exam. In May, the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credit. **In May, the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credit.**

ADVANCED PLACEMENT (AP) FRENCH LANGUAGE & CULTURES (K1018)

1.0 credit

Grades: 11, 12

Prerequisite: French 4

Content: This is the most advanced course offered and has been modified to meet the standards for the new language and cultures AP Exam. It deals with advanced grammatical concepts and requires an intensive review of all the major verb tenses. The class is conducted mainly in French and students will be expected to participate in the target language only. Students will have the opportunity to study French novels, short stories, theater, poetry and art. Course content includes units on the French education and political systems. Students will have the opportunity to explore French media and analyze several classic French films. Current events, cultural projects, and weekly journals are maintained as an integral part of the curriculum. It is a must for students who intend to continue language study at the college level. Advanced placement exams are optional. Daily use of technology is integrated for formative assessment. This course helps students communicate at the intermediate and advanced levels. **In May the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credits.**

ADVANCED PLACEMENT (AP) SPANISH LANGUAGE & CULTURES (K1052)

1.0 credit

Grade: 11, 12

Prerequisite: Spanish 4 or Spanish for Spanish Speakers 3

Special Note: Transcribed 1.0 – 21.0 college credits through CAPP program UW Oshkosh

Content: This advanced class is conducted as a college level language course. Activities are based on national standards. Material is presented in Spanish and students are actively involved in practicing to read, write, listen, and speak with intermediate-high, advanced-low, & advanced-mid levels of proficiency for interpersonal, interpretive and presentational communication. Mastery of the indicative, imperative, and subjunctive moods is stressed, along with a comprehensive grammatical review through studies regarding sustainable development goals and global conflicts in the Spanish-speaking world. Students are expected to participate in discussions in Spanish. Students use technology for practice, projects, and other performance tasks.

In May the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credits. Additional college credits are available upon initial enrollment, application and registration online for free with UW-Oshkosh's CAPP program.

ADVANCED PLACEMENT (AP) SPANISH LITERATURE & CULTURES (K1054)

1.0 credit

Grade: 11, 12

Prerequisite: AP Spanish Language & Cultures or by teacher recommendation

Content: Students study Spanish literature and cultures for a national AP exam. The course covers content from the official *AP Spanish Literature and Culture Reading List*. The class will be conducted entirely in Spanish. **In May, the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credit.**

Contenido: Los estudiantes estudian la literatura y las culturas hispanohablantes para el examen nacional de AP. El contenido incluye literatura de la lista oficial de AP Literature and Culture Reading List. La clase se realizará completamente en español.

Transcripted Credit Course Descriptions

ECE: CHILD DEVELOPMENT (G0292)

***Formerly "Child Development"**

0.5 credit

Grades: 9,10, 11, 12

Special Note: Transcripted Credits with Blackhawk Technical College, grade C or better

Content: The course examines child development within the context of the early childhood education setting. This course focuses on children ages 3-8 years of age. The course will help students gain knowledge and skills associated with positive parent-and-child and teacher-and-child relationships. Students will have opportunities to develop activities for preschoolers ages 3-5 years relating to the physical, social, intellectual, and emotional development of children. Students have the opportunity to earn transcripted credit in BTC's Associate Degree program for Early Childhood Education.

ECE: HEALTH, SAFETY AND NUTRITION (G0333)

***Formerly "ECE 1"**

0.5 credit

Grades: 10, 11, 12

Prerequisite: ECE: Child Development

Special Note: Transcripted Credits with Blackhawk Technical College, grade C or better

Content: This course examines the topics of health, safety, and nutrition within the context of the early childhood educational setting for children from birth through 8 years of age. This course includes training for Abusive Head Trauma, SIDS, and Mandated Reporter certifications. Students will gain the knowledge necessary for a career working with young children and could earn transcripted credit in the Associate Degree Program for Early Childhood Education at Blackhawk Technical College. At the end of the course, students may be eligible for the Assistant Child Care Teacher (ACCT) certificate that qualifies them to work as an assistant childcare teacher in a childcare facility. Certification requirements by the Department of Public Instruction, Department of Children and Family Services, and Blackhawk Technical College require students to earn at least a 'C' in this course and not miss more than six (6) class periods to be eligible for the certificate).

EDU: INTRODUCTION TO EDUCATIONAL PRACTICES (G0343)

***Formerly “ECE 2”**

0.5 credit

Grades: 10, 11, 12

Prerequisite: ECE: Child Development

Special Note: Transcribed Credits with Blackhawk Technical College, grade C or better

Content: Students analyze preK-12 education in the United States, determine the roles and responsibilities of school personnel, and explore current trends and best practices. Students identify how students learn and the foundations of lesson planning. Students analyze assessment strategies, classroom management, and techniques for supporting learners.—Blackhawk Technical College requires students to earn at least a ‘C’ in this course.

EDU: OVERVIEW of SPECIAL EDUCATION (G0344)

0.5 credit

Grades 11,12

Prerequisites: EDU: Introduction to Educational Practices

Special Note: Transcribed Credits with Blackhawk Technical College, grade C or better

This course examines a historical overview of special education law including special education disability categories as defined by the Individuals with Disabilities Education Act (IDEA). Students explore state and federal qualification special education criteria and societal responses to students with disabilities. Students examine the impact of a student with disabilities on family dynamics and the role school personnel play in supporting students with disabilities.

ECE: INFANT AND TODDLER DEVELOPMENT (G0444)

***Formerly ECE 3”**

1.0 credit

Grade: 12

Prerequisite: ECE: Health, Safety, and Nutrition

Corequisite: WORK-BASED LEARNING: Co-op Early Childhood Education (G0454)

Special Note: Transcribed Credits with Blackhawk Technical College, grade C or better

Content: This course explores infant and toddler development as it applies to an early childhood education setting. This course focuses on children's development from conception through thirty-six months (3 years). This course includes training for Wisconsin Breastfeeding Friendly Child Care certification. This is a course for seniors who have completed the prerequisite course for a Work Based Learning, Child Care Skills Standard Cooperative or Health Career Sciences Youth Apprenticeship and who are interested in pursuing a career in Child Care, Health, or Human Services upon completing high school. Topics covered will complement their site placement.

Note: Those students with a Child Care placement may be eligible to receive the Infant and Toddler, Employability Skills, and/or Child Care Teacher certificate(s) issued by the Wisconsin Department of Public Instruction (DPI). Contact the BMHS course instructor.

MICROBIOLOGY (E2023)

1.0 credit

Grades: 11, 12

Prerequisite: General Biology

Special Note: Transcribed Credits with Blackhawk Technical College, grade C or better

Content: Microbiology is the study of microorganisms including bacteria, archaea, algae, fungi, protozoa and viruses. The field is concerned with the structure, function and classification of these organisms and the practical application of exploiting and controlling their activities. Students should expect an extensive lab experience. This course is designed for students interested in exploring careers working in research and medical laboratories, nursing or medical fields.

MEDICAL TERMINOLOGY (R0812)

0.5 credit

3.0 credits Transcribed Blackhawk Technical College

Grades: 11, 12

Special Note: Application Process is required.

Content: This course focuses on the component parts of medical terms: prefixes, suffixes and word roots. Students practice formation, analysis and reconstruction of terms. Emphasis on spelling, definition and pronunciation. Introduction to operative, diagnostic, therapeutic and symptomatic terminology of all body systems, as well as systematic and surgical terminology.

THE CRIMINAL JUSTICE SYSTEM (R0816)

0.5 credit

3.0 credits Transcribed Blackhawk

Technical College Grades: 11, 12

Special Note: Application Process is required.

Content: This introductory course is an in-depth exploration of each step of the criminal justice process from investigation through adjudication. Also explored is the history, primary functions and jurisdictions of law enforcement agencies. The levels and functions of the court systems in America are distinguished. The role of belief systems, social systems, moral problems, and diversity and ethical decision making are discussed.

FIRE BEHAVIOR AND COMBUSTION (R0815)

0.5 credit

3.0 credits Transcribed Blackhawk

Technical College Grades: 11, 12

Special Note: Application Process is required.

Content: This 3 credit course provides an in-depth look at the combustion process and chemical reaction along with an analysis of fire behavior, principles, and theories. This course will also examine the physics of the combustion process, the products of combustion, and the effects of fire and combustion inside a structure, and the impact on the firefighter and victims who are involved in the fire environment. A key component to this course will be observations of fire and the products of combustion within scale model.

Advanced Standing Course Descriptions

INTRODUCTION TO PUBLIC SPEAKING (B1098)

1.0 credit

Grades: 11, 12

Prerequisite: Students must have a 2.5 GPA.

Special Note: 3.0 credits UW-Whitewater at Rock County (START COLLEGE NOW PROGRAM)

Note: Must complete Early College Credit application from your school counselor to participate in this program. This course is co-taught by a Professor from University of Wisconsin-Rock County and BMHS English teacher at BMHS

Content: This beginning course, designed to develop confidence and precision as students increase their effectiveness in public speaking and interpersonal communication, focuses on the principles of oral communication and listening in a variety of selected communication experiences. Required speeches include introduction, informative, persuasive, and impromptu. Additionally, students will produce the daily announcements program and video announcements. Maximum of 24 students in each class. (This course is transferable to colleges as a 3 credit elective course with a grade of "C" or better.)

BUSINESS FOUNDATIONS (F1000)

1.0 credit

Grades: 9, 10, 11, 12

Special Note: Advanced Standing credits with Blackhawk Technical College, grade of B or better

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. Students will engage in multicultural study and explore global perspectives.

ACCOUNTING (F2001)

1.0 credit

Grades: 10, 11, 12

Special Note: Advanced Standing credits with Blackhawk Technical College, grade of B or better

Content: Interested in a business career? Then this course is a must! This course introduces the basic principles of accounting: journalizing, posting, preparing financial statements, completing end-of-period activities, and reconciling a checkbook. Many aspects of personal money management are also covered. Computers are incorporated into this course daily. A calculator is required.

BUSINESS & PERSONAL LAW (F3010)

0.5 credit

Grades: 11, 12

Special Note: Advanced Standing credits with Blackhawk Technical College, grade of B or better

Content: This is a course for students interested in a better understanding of the laws of society that will affect their daily lives. Topics covered: law enforcement and the courts, crime, torts, contracts, insurance, personal property, real property, landlord-tenant relationships, negotiable paper and Wills. Students will participate in a Mock Trial. Upon completion of the course, students will be better equipped to recognize legal problems and know when legal help is needed and where to find the answers to legal questions.

INTRO TO MARKETING (F3007)

1.0 credit

Grades: 10, 11, 12

Special Note: Advanced Standing credits with Blackhawk Technical College, grade of B or better

Content: Students in Intro to Marketing will gain an understanding of what marketing is, as well as economics, selling, pricing, product development, advertising, and employability skills. Students will demonstrate their knowledge of these concepts by participating in a variety of real life business projects. This course allows students the opportunity to engage in teamwork activities and to showcase their creativity. Intro to Marketing is strongly recommended for any student who plans to pursue a business degree/career. Students will also have the opportunity to participate in the DECA Club or FBLA Club. Students will engage in multicultural study and explore global perspectives.

MICROSOFT OFFICE (F1004)

1.0 credit

Grades: 9, 10, 11, 12

Special Note: Advanced Standing credits with Blackhawk Technical College, grade of B or better

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. Students will learn the skills needed to be successful in Word, PowerPoint, Excel and be given the opportunity to take the Microsoft Office Specialist (MOS) certification test(s). When certifications are earned, students will have the privilege of providing that information to colleges, businesses and employers.

HOSPITALITY SERVICES 1 (G0323)

0.5 credit

Grades: 9, 10, 11, 12

Special Note: Advanced Standing credits with Blackhawk Technical College, grade of B or better

Content: This class introduces students to commercial kitchen basics and hospitality career exploration. Knife skills and safety, sanitation basics, and commercial equipment functions will all be covered in addition to career cluster surveys. Light food preparation (cooking and baking) as well as nutrition and menuing will be introduced.

HOSPITALITY SERVICES 2 (G0353)

1.0 credit

Grade: 10, 11, 12

Prerequisite: Hospitality Services 1

Special Note: Advanced Standing credits with Blackhawk Technical College, grade of B or better

Content: This class continues to prepare students for careers and/or higher education in the hospitality industry. Catered events and prep for the student-run café provide opportunities for students to learn in a hands-on fast-paced and exciting environment. Knife skills and safety, sanitation and food safety, baking, cooking and utilization of commercial equipment in food preparation will be achieved.

MATHEMATICS FOR TECHNICAL CAREERS 1 (C1093)

1.0 credit

Grades: 10, 11, 12

Prerequisite: Algebra 1

Special Note: Advanced Standing credits with Blackhawk Technical College, grade of B or better

Content: This course offers an alternative to a traditional math sequence for students who are oriented to a trade or technical program. The target audience is students who lean towards technical college as a post-secondary option. The class has advanced standing recognition for credit through Blackhawk Technical College. Objectives include; 1) performing arithmetic operation on whole numbers, fractions and decimals 2) Using ratios and proportions to solve application problems, 3) solving percentage problems 4) converting within and between US Customary and Metric Systems, and 5) operations with signed numbers. As an additional bonus, students will be exposed to various tapes, rules, calipers, dial calipers, steel rule depth gages, screw pitch gages, thickness gages, steel protractors, combination square sets, micrometers, small hole gages, telescoping gages, dial indicators and bore gages (i.e., precision measuring tools). Certification is available to the students upon completion of each precision measuring module.

AUTOMOTIVE TECHNOLOGY 2 (H0040)

1.0 credit

Grades: 10, 11, 12

Prerequisite: Automotive Technology 1.

Special Note: Transcribed Credit with Blackhawk Technical College, Grade C or better

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. This course is transcribed with Blackhawk Technical College for 4 credits in Brake Service, and 1 credit in Automotive Machine Shop. Students also have the opportunity to earn ASE entry-level certification.

Recommended: Coveralls, Safety Glasses

WELDING 1 (H3032)

0.5 credit

Grades: 9, 10, 11, 12

Special Note: Advanced Standing credits with Blackhawk Technical College, grade of B or better

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 also familiarize students with all necessary national safety rules and regulations of the welding industry, in addition to personal protective equipment and machine operation. This course will prepare students for Advanced Welding & Fabrication.

WELDING 2 (H3031)

1.0 credit

Grades: 10, 11, 12

Pre-requisites: Welding 1

Special Note: Advanced Standing credits with Blackhawk Technical College, grade of B or better

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. Students will also learn welding and fabrication math. 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.

CRAFTSMEN WITH CHARACTER

2.0 credits

Grades: 10, 11, 12

**Special Note: Advanced Standing credits with Blackhawk Technical College, grade of B or better
Application Process is required.**

Content: The Craftsman with Character course is designed to run each weekday for ninety minutes. Four of these days are spent job shadowing, allowing students to be immersed in a culture while gaining knowledge about a trade. The remaining day offers classroom instruction, where students explore their life goals and are encouraged to recognize their unique gifts and talents. Special emphasis is given to helping them recognize their self-worth.

Project Lead the Way Course Descriptions

PLTW: INTRODUCTION TO ENGINEERING DESIGN (IED) (H1011)

1.0 credit

Grades: 9, 10, 11, 12

Special Note: College credit is available for the Milwaukee School of Engineering (MSOE) for students earning a “B” or better and a successful score on their End of Course Exam.

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.

PLTW: PRINCIPLES OF ENGINEERING (POE) (H1013)

1.0 credit

Grades: 10, 11, 12

Prerequisite: PLTW: Introduction to Engineering

Special Note: College credit is available for the Milwaukee School of Engineering (MSOE) for students earning a “B” or better and a successful score on their End of Course Exam.

Content: This course helps students understand the field of engineering/engineering technology. Students will explore various technology systems and manufacturing processes to learn how engineers and technicians use math, science, and technology in an engineering problem solving process to benefit people. Through hands-on experience students will develop a strong foundation of the analysis, problem solving, design, and modeling skills used by engineers and those in related professions.

Cooperative Academic Partnership Program (CAPP) Course Descriptions

SPANISH 4 (K1050)

1.0 credit

Grades: 10, 11, 12

Prerequisite: Spanish 3

Special Note: Transcribed 1.0 – 16.0 college credits through CAPP program UW Oshkosh

Content: This advanced class is conducted 80-90% in Spanish as the students are actively involved in a variety of activities and exercises in reading, writing, listening and speaking activities based on state and national standards. Students review and expand their knowledge of more advanced uses of grammatical structures by studying cultures, excerpts of authentic literature, and social justice issues in the Spanish speaking world. Students are assessed on their accuracy and fluency using intermediate and advanced proficiency skills.

***Contenido:** La clase de español 4 es avanzada y se enseña 80-90% en español porque los estudiantes están involucrados activamente en tareas que incluyen la lectura, la escritura, escuchar y entender / hablar. Estas actividades se basan en los estándares estatales y nacionales. Los estudiantes extienden el aprendizaje referente a las estructuras gramaticales por estudiar culturas, literatura y justicia social en el mundo hispanohablante. Los exámenes miden la competencia intermedia y avanzada por la fluidez y la exactitud del lenguaje.*

ADVANCED PLACEMENT (AP) SPANISH LANGUAGE & CULTURES (K1052)

1.0 credit

Grade: 11, 12

Prerequisite: Spanish 4 or Spanish for Spanish Speakers 3

Special Note: Transcribed 1.0 – 21.0 college credits through CAPP program UW Oshkosh

Content: This advanced class is conducted as a college level language course. Activities are based on national standards. Material is presented in Spanish and students are actively involved in practicing to read, write, listen, and speak with intermediate-high, advanced-low, & advanced-mid levels of proficiency for interpersonal, interpretive and presentational communication. Mastery of the indicative, imperative, and subjunctive moods is stressed, along with a comprehensive grammatical review through studies regarding sustainable development goals and global conflicts in the Spanish-speaking world. Students are expected to participate in discussions in Spanish. Students use technology for practice, projects, and other performance tasks.

In May the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credits. Additional college credits are available upon initial enrollment, application and registration online for free with UW-Oshkosh's CAPP program.

CREDIT RECOVERY OPTIONS

There are times when a student may find it necessary to recover credit for a **required** class. This may be because a student transfers to BMHS and did not have the opportunity to enroll in the course initially or a student may not have successfully completed the course the first time. Whatever the reason, there are two types of opportunities for a student to recover this missing credit.

Option 1: Students may enroll in special sections of courses they need to recover which are required for graduation. The courses that are offered are listed below. Students can directly enroll in these classes. Note: These courses are not offered on-line.

Option 2: Students may enroll in on-line classes that are completed in a monitored classroom at the high school. The student's school counselor must approve and enter this enrollment for the student. Enrollment can include a multitude of courses which should be discussed with the student's school counselor. Seniors have priority for this type of course. This can either be a term or semester enrollment.

Course Title	Enrollment Grades				Credit	Prerequisites	Co-Requisites & Special Notes
	9	10	11	12			
Student Selected Courses							
College & Career Readiness (B009D)		X	X	X	0.5		10 - 12 students only
Health (J0055)		X	X	X	0.5		10 - 12 students only
Personal Finance (F3012)			X	X	0.5		11 - 12 students only
English 9 (B1010R)		X	X	X	1.0		10 - 12 students only Placed in Academy Sec.
English 10 (B1020)		X	X	X	1.0		Placed in Academy Sec.
English 11 (B1030)			X	X	1.0		Placed in Academy Sec.
English 12 (B1040)				X	1.0		Placed in Academy Sec.
Algebra 1 (C1050)		X	X	X	1.0		10 - 12 students only Placed in Academy Sec.
Modern U.S. History (D1050R)		X	X	X	1.0		10 - 12 students only Placed in Academy Sec.
World History (D2010)			X	X	1.0		Placed in Academy Sec.
American Democracy (D4010)			X	X	1.0		Placed in Academy Sec.
Physical Science 9 (E1010R)		X	X	X	1.0		10 - 12 students only Placed in Academy Sec.
General Biology (E2022)			X	X	1.0		Placed in Academy Sec.
School Counselor Selected Courses							
Credit Recovery (VA1000)				X	1.0		Placement by School Counselor Only
Credit Recovery (VA100T)				X	0.5		Placement by School Counselor Only

Credit Recovery Course Descriptions

COLLEGE AND CAREER READINESS (B0009D)

0.5 credit

Special Note: Replaces Freshman Seminar

Grade: 10, 11, 12

Content: This is a required course for any student who was unable to take or successfully complete the Grade 9th Seminar Class. This course provides students the proper social, academic, and fundamental skills necessary for their secondary education. There are multiple units taught throughout this class consisting of note taking, time management, organizational and study skills, technology, post-secondary education, and careers. This class is meant as a guide to the appropriate post-secondary options of college, military, or apprenticeships.

HEALTH (J0055)

0.5 credit

Grades: 10, 11, 12

Special Note: Required for Graduation, Replaces 9th Grade Health

Content: This is a required course for any student who was unable to take or successfully complete the Grade 9th Health Class. 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.

PERSONAL FINANCE (F3012)

0.5 credit

Grades: 11, 12

Special Note: Required for Graduation

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.

ENGLISH 9 (B1010R)

1.0 credit

Grade: 10, 11, 12 - Placement in Academy Section

Special Note: Required for Graduation

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. Students may read short stories, articles, excerpts, poems, a Shakespearean play, and a novel. It will also provide a variety of writing experiences directed at correct structures in grammar, vocabulary, punctuation, and organization of ideas for clear communication.

ENGLISH 10 (B1020)**1.0 credit****Grade: 10, 11,12 - Placement in Academy Section****Alternative: Required for Graduation**

Content: Using the College Board's Springboard curriculum, this course will build upon the student's previous learning in English 9. Each student will continue the study of fiction and nonfiction literature. Vocabulary, research skills, grammar, speaking and listening, and various forms of composition can be expected.

ENGLISH 11 (B1030)**1.0 credit****Grade: 11, 12 - Placement in Academy Section****Special Note: Required for graduation**

Content: Using the College Board's Springboard curriculum, this course will build upon the student's previous experiences 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. Vocabulary, writing lab, group work, grammar review, and various forms of composition can be expected.

ENGLISH 12 (B1040)**1.0 credit****Grade 12 - Placement in Academy Section****Special Note: Required for graduation.**

Content: Using the College Board's Springboard curriculum, this course will build upon the student's previous experiences in English. This required course focuses on the four core skills of reading, writing, listening and speaking. The course explores various literary criticisms as tools students can use to improve their understanding of literature and life. Students will apply these literary criticisms to poetry, short stories, non-fiction texts, plays, film, and art as they explore engaging themes related to culture, identity, class, and gender. Students will improve their vocabulary and prepare for post-secondary essay-writing

ALGEBRA 1 (C1050)**1.0 credit****Grade: 10, 11, 12 - Placement in Academy Section****Special Note: Required to pass to take all other math courses, Replaces 9th Grade Algebra 1**

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.

MODERN U.S. HISTORY (D1050R)

1.0 credit

Grade: 10, 11, 12 - Placement in Academy Section

Special Note: Required for Graduation

Content: The Modern US History course is an introduction to the events that took place from World War 1 to present day. Throughout this class, students will examine major questions and dive into the events, leaders, and movements that have shaped our society today. Students will reflect on what it means to be an American.

WORLD HISTORY (D2010)

1.0 credit

Grade: 10, 11, 12 - Placement in Academy Section

Special Note: Required for Graduation

Content: The semester-long course will look at World History through a multicultural and thematic lens. Content will focus on World Religions and Beliefs, World Conflicts and Resolutions, Worldwide Trade Systems (Resources & Scarcity), and Human Rights. The course will also have a strong focus on the skills of reading, writing, contextualization, communication, and research. These skills will be supported by the content and a selection of WI social studies standards.

AMERICAN DEMOCRACY (D4010)

0.5 credit

Grade: 12

Special Note: Required for Graduation

Content: 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.

PHYSICAL SCIENCE 9 (E1010R)

1.0 credit

Grade: 10, 11, 12 - Placement in Academy Section

Special Note: Required for Graduation.

Content: This course is a one semester, NGSS aligned introductory course. The course will engage students in the scientific study of physical, chemical and earth science topics. Students will investigate the role of energy systems throughout all of these topics. This is considered a foundation course and prerequisite for all other science courses.

GENERAL BIOLOGY (E2022)

1.0 credit

Grades: 10, 11, 12, - Placement in Academy Section

Prerequisite: Physical Science 9 or Acc. Physical Science 9

Special Note: Required for Graduation

Content: This course is a one semester, NGSS aligned introductory course. It will introduce students to the scientific study of living organisms and how they interact. Students will investigate biological concepts including, the chemical basis of life, metabolism, reproduction, genetics, evolution, biological diversity, and ecology.