

Dear Students and Families,

Welcome to the 2023 - 2024 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 **50 courses that 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 2023 - 2024 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	Subject	University of Wisconsin System Requirements
ENGLISH	<u>4 Credits Including:</u> English 9 or Acc English 9 English 10 or Acc English 10 English 11 or Acc English 11 or AP Lang. & Comp. or African Amer. Lit. English 12 or Women's Writers or Blackhawk Communications (Senior English) or AP Lang. & Comp. or AP Lit. & Comp. English Elective	For most University of Wisconsin Schools: <ul style="list-style-type: none"> *Rank in the top 30-50% of class *Successful completion of the following subjects: 	
SOCIAL STUDIES	<u>3 Credits Including:</u> U.S. History or Advanced Modern U.S. History or AP U.S. History World History or AP World History American Democracy or AP U.S. Government Social Studies Elective	ENGLISH	<u>4 Credits</u>
SCIENCE	<u>3 Credits Including:</u> Physical Science or Acc.Physical Science General Biology Science Elective	SOCIAL STUDIES	<u>3-4 Credits</u>
MATH	<u>3 Credits Including:</u> Algebra 1 Geometry Algebra 2 or Math Elective	SCIENCE	<u>2-3 Credits</u>
PHYSICAL EDUCATION	<u>1.5 Credits Including:</u> PE 9 or General PE 2 PE Electives	MATH	<u>3-4 Credits Including:</u> Algebra Geometry Algebra 2
HEALTH	<u>.5 Credits Including:</u> Health	WORLD LANGUAGES	<u>Recommended:</u> 2 years of a single World Language. <i>Please verify - the entrance requirements could range from 0-4 years.</i>
BUSINESS	<u>.5 Credits Including:</u> Personal Finance	ELECTIVES	<u>7 Credits or More:</u> Students completing rigorous courses including senior year will be stronger candidates for admission.
ELECTIVES	<u>10.5 Credits Including:</u> .5 College & Career Readiness Seminar	TOTAL CREDITS	22+ CREDITS
TOTAL CREDITS	26 CREDITS		

THE 30 CAREER EXPLORATION PATHWAYS

As part of the College and Career Academy system at Beloit Memorial High School, you **must** select a Career Exploration Pathway. This pathway is a series of sequential courses you are expected to complete that will give you insight into the type of knowledge needed for a specific career path. You will also be linked with opportunities such as job shadows, college visits and possible internships as you progress in your pathway.

Pathways are sorted into different Academies (BACH, HHES, and PACMES). The placement of the pathway in an Academy is somewhat fluid depending on student totals and the process of keeping Academies balanced. Therefore, you need to pick a pathway and not an academy.

Below, please find a condensed, numbered chart of all the Career Exploration Pathways. Following this, you will also find a separate page which not only lists the Pathway courses but shows a list of possible careers associated with the Pathway and a chart of suggested BMHS courses you may want to consider as you complete your course selection sheet and the course selection process.

Choose wisely as you are allowed to change your Pathway only once after your sophomore year and still must complete all of the courses in your new pathway.

BACH ACADEMY <i>(Business, Art, Communication and Hospitality)</i>			
You should consider the BACH Academy if you enjoy: creating a business, computer science, creating art, cooking, learning a new language or performing on stage.			
Career Exploration Pathway Focus	Introductory Courses	Concentration Courses	Capstone Courses
1. <u>Accounting & Finance</u>	Business Foundations Microsoft Office	Accounting	Advanced Accounting Or HSB Finance Or Advanced Business And/Or Work Based Learning
2. <u>High School of Business</u>	HSB Principles of Business HSB Economics	HSB Marketing HSB Finance	HSB Management
3. <u>Entrepreneurship</u>	Business Foundations Microsoft Office	Entrepreneurship Accounting	Intro to Marketing Business Law
4. <u>Digital Media Arts</u>	2D Art	Intro to Graphics Digital Art 1 Photography	Digital Art 2 Or AP Art & Design
5. <u>Hospitality</u>	Hospitality 1	Hospitality 2 Food Science	Hospitality 3 And/Or Work Based Learning
6. <u>Information Technology</u>	IT Fundamentals	IT Network 1	IT Network 2 And/Or Work Based Learning
7. <u>Music</u>	Class Piano	Basic Music Theory	AP Music Theory
8. <u>Theatrical</u>	Performing Arts	Theatre Arts Theatre Crafts	Advanced Acting
9. <u>Fine Arts</u>	2D Art Or 3D Art	Drawing Painting Sculpture Photography	Advanced Drawing And/Or AP Art & Design
10. <u>Applied Arts</u>	2D Art Or 3D Art Or Applied Arts	Clay Ceramics Fashion Design Advanced Applied Arts	AP Art & Design

11. <u>Spanish Language</u>	Spanish 1 Spanish 2	Spanish 3 Spanish 4	AP Spanish Language & Culture And/Or AP Spanish Literature & Culture
12. <u>Spanish for Spanish Speakers</u>	Spanish for Spanish Speakers 1	Spanish for Spanish Speakers 2 Spanish for Spanish Speakers 3	AP Spanish Language & Culture And/Or AP Spanish Literature & Culture
13. <u>French Language</u>	French 1 French 2	French 3 French 4	AP French Language & Culture
14. <u>Written Communication</u>	Media Journalism	Creative Writing Or AP Lang. & Comp.	AP Lit. & Comp. And/Or BTC Written Comm.

HHES ACADEMY

(Health, Human and Educational Services)

You should consider the HHES Academy if you enjoy working with children, helping others, understanding how the human body works, or caring for others.

Career Exploration Pathway Focus	Introductory Courses	Concentration Courses	Capstone Courses
15. <u>Early Childhood Education</u>	Psychology Child Development	Early Childhood Ed. 1 Early Childhood Ed. 2	Early Childhood Ed. 3 And/Or Work Based Learning
16. <u>Education</u>	Psychology Child Development	Foundation of Education	AP Psychology And/Or Work Based Learning
17. <u>Human Services</u>	Sociology	Psychology + 1 Suggested elective	Adv. Health Or AP Psychology
18. <u>Healthcare</u>	Health Careers And General Chemistry Or Chemistry in the Community	Microbiology Anatomy & Physiology	Medical Terminology And AP Biology Or AP Chemistry And/Or Work Based Learning
19. <u>Biomedical Technology</u>	General Biology	General Chemistry Microbiology	Medical Terminology And Intro to Biotechnology Or AP Biology

PACMES

(Public Service, Automotive, Construction, Manufacturing, Engineering & Science)

You should consider the PACMES Academy if you enjoy protecting others or natural resources, working with tools, learning about cars and machines, building things or scientific discovery.

Career Exploration Pathway Focus	Introductory Courses	Concentration Courses	Capstone Courses
20. <u>Construction</u>	Construction 1	Construction 2	Construction 3 And/Or Work Based Learning
21. <u>Cabinetry/Millwork</u>	Cabinetry 1	Cabinetry 2	Cabinetry 3 And/Or Work Based Learning
22. <u>Automotive</u>	Intro to Auto Tech	Auto Tech 1 Auto Tech 2	Auto Tech 3 And/Or Work Based Learning

23. <u>Engineering</u>	Intro to Engineering	Conceptual Physics	Prin. of Engineering Or AP Physics Or AP Calculus AB
24. <u>Land & Resource Management</u>	Physical World Water, Weather & Climate	Environmental Science	AP Environmental Sci. Outdoor Adventure
25. <u>Military Leadership</u>	JROTC – LET 1	JROTC – LET 2 JROTC – LET 3	JROTC – LET 4
26. <u>Public Safety</u>	WH: World Conflicts Psychology	Criminal Law Intro to Forensic Science	Fire Behavior & Comb. Or Criminal Justice Sys. Or AP Psychology
27. <u>Welding</u>	Welding 1	Welding 2	Welding 3 And/Or Work Based Learning
28. <u>CNC Machining</u>	Machining 1	Machining 2	Machining 3 And/Or Work Based Learning
29. <u>Physical Science</u>	General Chemistry Or Chemistry in the Community	Conceptual Physics Food Science	AP Chemistry Or AP Physics
30. <u>Biological Science</u>	General Biology	Microbiology Or Anatomy & Physiology	AP Biology Or Intro to Biotechnology

ACCOUNTING & FINANCE CAREERS

Using systems and skills to keep the financial records of a business or individual.

POTENTIAL CAREERS IN ACCOUNTING & FINANCE

Abstractor	Controller	Loan Officer
Accountant	Credit Analyst	Manager
Actuary	Debt Counselor	Non-profit Manager
Auditor	Economist	Tax Examiner
Banker	Financial Analyst	Title Researcher and Examiner
Bill and Account Collector	Financial Planner	Treasurer
Budget Analyst	Fund Raiser	Trust Officer
Commodities Representative	Insurance Broker	Underwriter

EXPLORATORY PATHWAY COURSE SEQUENCES

Pathway Level	Required Exploratory Pathway Courses
	1. Accounting & Finance Pathway
Introductory Course(s)	Business Foundations Microsoft Office
Concentration Course(s)	Accounting
Capstone Course /Experience	Advanced Accounting Or HSB Finance Or Advanced Business And Work Based Learning

SUGGESTED ELECTIVE COURSES TO ENHANCE PATHWAY

Department	Course(s)
English	Public Speaking
Math	Probability & Statistics AP Statistics AP Calculus AB AP Calculus BC
Social Studies	Economics
World Languages	Spanish 1 / 2 / 3 French 1 / 2 / 3

POTENTIAL CERTIFICATIONS/DEGREES/WORK BASED LEARNING

Potential Outcomes	Certifying Agency
Microsoft Office Certification	Certiport

Associates Degree – Business Management	Blackhawk Technical College
Business Internship Co-Op	Work Based Learning

BUSINESS CAREERS

Planning, organizing, directing, and controlling business operations. Those who work in this field have to use a broad range of ideas and practices to maintain and grow their business through the management of materials, equipment, workers and other financial resources.

POTENTIAL CAREERS IN BUSINESS

Advertising Sales Person	Compliance Officer	Financial Advisor
Business Consultant	Corporate Trainer	Healthcare Administrator
Business Operations Manager	E-commerce Analyst	Human Resources Manager
Business Teacher	Entrepreneur	Insurance Agent
Chain Supply Management	Facilities Manager	Management Analyst

EXPLORATORY PATHWAY COURSE SEQUENCES

Pathway Level	Required Exploratory Pathway Courses	
	2. HSB Business Pathway	3. Entrepreneurship Pathway
Introductory Course(s)	HSB Principles of Business HSB Economics	Business Foundations Microsoft Office
Concentration Course(s)	HSB Marketing HSB Finance	Entrepreneurship Accounting
Capstone Course /Experience	HSB Management	Intro to Marketing Business Law

SUGGESTED ELECTIVE COURSES TO ENHANCE PATHWAY

Department	Course(s)	
Business	Microsoft Office Sports & Entertainment Management	Advanced Accounting
English	Public Speaking	
Math	Probability & Statistics AP Calculus AB	AP Statistics AP Calculus BC
Science	Environmental Science	
Social Studies	Economics Current Events	Women Studies Sociology
World Languages	Spanish 1 / 2 / 3	French 1 / 2 / 3

POTENTIAL CERTIFICATIONS/DEGREES/WORK BASED LEARNING

Potential Outcomes	Certifying Agency
A*S*K Business Exams: Marketing	MBA Research
Finance	MBA Research
Ethics	MBA Research
Entrepreneurship	MBA Research

DIGITAL MEDIA ARTS CAREERS

Creating visual concepts to communicate ideas that inspire, inform, or captivate consumers.

POTENTIAL CAREERS IN DIGITAL MEDIA ARTS

Animator	Lithographer	Printing Equipment Operator
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Art Director	Marketing Specialist	Product Designer
Creative Director	Media Specialist	Production Coordinator
Desktop Publishing Specialist	Multimedia Artist Film Editor	Production Manager
Graphic Artist	Photographer	Typographer
Graphics Equipment Operator	Plate Maker	Web Architect/Designer
Illustrator	Pre-production Technician	Web Page Designer

EXPLORATORY PATHWAY COURSE SEQUENCES

Pathway Level	Required Exploratory Pathway Courses
	4. Digital Media Pathway
Introductory Course(s)	2-D Art
Concentration Course(s)	Intro to Graphics Digital Art 1
Capstone Course /Experience	Digital Art 2 And/Or AP Art & Design

SUGGESTED ELECTIVE COURSES TO ENHANCE PATHWAY

Department	Course(s)
Art	Drawing Painting
Business	Intro to Marketing Entrepreneurship Multimedia Microsoft Office Business Publications
English	Greek & Roman Mythology Media Journalism World Mythology
Math	Probability & Statistics

POTENTIAL CERTIFICATIONS/DEGREES/WORK BASED LEARNING

Potential Outcomes	Certifying Agency
College Credit – AP Art & Design	AP College Board

HOSPITALITY CAREERS

Management, marketing and operations of restaurants and other food services.

POTENTIAL CAREERS IN HOSPITALITY

Baker	Event Planner	Pastry and Specialty Chefs
Caterer	Food and Beverage Manager	Restaurant Owner
Catering & Banquets Manager	Kitchen Manager	Restaurant Server
Deli worker	Line Cook	Service Manager
Executive Chef	Maître d'	Sous Chef

EXPLORATORY PATHWAY COURSE SEQUENCES

Pathway Level	Required Exploratory Pathway Courses
	5. Hospitality Pathway
Introductory Course(s)	Hospitality 1
Concentration Course(s)	Hospitality 2 Food Science
Capstone Course /Experience	Hospitality 3 And Work Based Learning

SUGGESTED ELECTIVE COURSES TO ENHANCE PATHWAY

Department	Course(s)
Business	Business Foundations Intro to Marketing Accounting Entrepreneurship Business Law
Family/Consumer Sci.	Foods & Cultures
Math	Probability & Statistics
Social Studies	Psychology
World Languages	Spanish 1 / 2 / 3 French 1 / 2 / 3

POTENTIAL CERTIFICATIONS/DEGREES/WORK BASED LEARNING

Potential Outcomes	Certifying Agency
ServSafe – Food Safety Manager Certification	National Restaurant Assoc.
Associates Degree – Culinary Arts	Blackhawk Technical College
Youth Apprenticeship	Work Based Learning

INFORMATION TECHNOLOGY CAREERS

Designing, developing, applying, implementing, supporting or managing computer-based information systems.

POTENTIAL CAREERS IN INFORMATION TECHNOLOGY

Database Administrator	Network Administrator	Systems Administrator
Data Systems Designer	Network Security Analyst	Telecommunications Network Tech
E-business Specialist	PC Support Specialist	User Support Specialist
Game Developer	Programmer	Virtual Reality Specialist
Information Tech Engineer	Software Applications Specialist	Web Developer

EXPLORATORY PATHWAY COURSE SEQUENCES

Pathway Level	Required Exploratory Pathway Courses
	6. Information Technology Pathway
Introductory Course(s)	IT Fundamentals
Concentration Course(s)	IT Network 1
Capstone Course /Experience	IT Network 2 And/Or Work Based Learning

SUGGESTED ELECTIVE COURSES TO ENHANCE PATHWAY

Department	Course(s)
Business	Microsoft Office Multimedia HSB Marketing Intro to Marketing
English	Greek & Roman Mythology World Mythology
Math	Probability & Statistics AP Statistics AP Calculus AB AP Calculus BC
Science	Conceptual Physics AP Physics

POTENTIAL CERTIFICATIONS/DEGREES/WORK BASED LEARNING

Potential Outcomes	Certifying Agency
CompTIA IT Fundamentals	Comp TIA
CompTIA IT Network	Comp TIA
Internship	Work Based Learning

PERFORMING ARTS CAREERS

Designing, producing and performing in entertaining careers in musical and/or theatrical performance.

POTENTIAL CAREERS IN PERFORMING ARTS

Actor	Director	Playwright
Critic	Dramaturg	Set Design
Composer	Event Coordinator	Sound Effects
Conductor	Instrumentalist	Stage Manager
Choreography	Make-Up Artist	Theatre Teacher
Costume Design	Music Teacher	Vocalist
Dancer	Performer	Voiceover Artist

EXPLORATORY PATHWAY COURSE SEQUENCES

Pathway Level	Required Exploratory Pathway Courses	
	7. Music Pathway	8. Theatrical Pathway
Introductory Course(s)	Class Piano	Performing Arts
Concentration Course(s)	Basic Music Theory	Theatre Arts Theatre Crafts
Capstone Course /Experience	AP Music Theory Or Senior Recital	Advanced Acting Or Senior Recital
Additional Requirement	Performance Ensemble Participation (minimum of 3 years)	Theatre Production Participation (minimum of 3 years)

SUGGESTED ELECTIVE COURSES TO ENHANCE PATHWAY

Department	Course(s)	
Art	3-D Art	Fashion Design
English	Intro to Public Speaking Greek & Roman Mythology Women Writers	Creative Writing World Mythology AP English Literature
Math	Probability & Statistics	
Physical Ed	Lifetime Wellness	Strength & Conditioning
Science	Conceptual Physics	AP Physics
Tech Ed	Construction 1	Cabinetry 1

POTENTIAL CERTIFICATIONS/DEGREES/WORK BASED LEARNING

Potential Outcome	Certifying Agency
College Credit – AP Music Theory	AP College Board

FINE ARTS CAREERS

Creating visual arts, painting, photography, printmaking, sculpture, drawing, and more.

POTENTIAL CAREERS IN STUDIO ARTS

Animator	Commercial Photographer	Graphic Designer
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Architect	Computer Animator	Illustrator
Art director	Curator	Interior Designer
Art teacher	Draftsperson	Jeweler
Artist	Fashion Designer	Printmaker
Ceramic/Craft Artist	Fashion Illustrator	Product Designer
Commercial Artist	Gallery Manager	Special Effects Artist

EXPLORATORY PATHWAY COURSE SEQUENCES

Pathway Level	Required Exploratory Pathway Courses	
	9. Fine Arts Pathway	10. Applied Arts Pathway
Introductory Course(s)	2D Art Or 3D Art	2D Art Or 3D Art Or Applied Arts
Concentration Course(s)	Drawing Painting Sculpture Photography	Ceramics Fashion Design Advanced Applied Arts
Capstone Course /Experience	Advanced Drawing And/Or AP Art & Design	AP Art & Design

SUGGESTED ELECTIVE COURSES TO ENHANCE PATHWAY

Department	Course(s)
Business	Intro to Marketing Entrepreneurship
English	Greek & Roman Mythology World Mythology
Math	Probability & Statistics
Family/Consumer Science	Housing and Interior Design

POTENTIAL CERTIFICATIONS/DEGREES/WORK BASED LEARNING

Potential Outcomes	Certifying Agency
College Credit – AP Art & Design	AP College Board

WORLD LANGUAGES AND COMMUNICATIONS CAREERS

Exchanging information among individuals or groups through written documents, spoken word, or behaviors to increase awareness and understanding.

POTENTIAL CAREERS IN WORLD LANGUAGES & COMMUNICATIONS

Communication Specialist	International Health Care Worker	Public Relations
Consultant	International Land Developer	Teacher of World Languages
Customer Service Manager	International Tax Lawyer	Translator
International Economist	Interpreter	Travel Agent

EXPLORATORY PATHWAY COURSE SEQUENCES

Pathway Level	Required Exploratory Pathway Courses		
	11. Spanish Language Pathway	12. Spanish for Spanish Speakers Pathway	13. French Language Pathway
Introductory Course(s)	Spanish 1 Spanish 2	Spanish for Spanish Speakers I	French 1 French 2
Concentration Course(s)	Spanish 3 Spanish 4	Spanish for Spanish Speakers 2 Spanish for Spanish Speakers 3	French 3 French 4

Capstone Course /Experience	AP Spanish Language & Culture And/Or AP Spanish Literature & Culture	AP Spanish Language & Culture And/Or AP Spanish Literature & Culture	AP French Language & Culture
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RECOMMENDED ELECTIVE COURSES TO ENHANCE PATHWAY

Department	Course(s)
Art	*Community Art Appreciation
Business	Microsoft Office
Social Studies	*American Minorities *WH: World Conflicts *Holocaust & Genocide *WH: World Cultures *African American Studies *AP Human Geography *AP World History
English	*Women Writers *World Mythology *African American Literature
Family/Consumer Science	*Foods & Cultures

**Courses which meet Global Scholars & Seal of Biliteracy requirements.*

POTENTIAL CERTIFICATIONS/DEGREES/WORK BASED LEARNING

Potential Outcomes	Certifying Agency
GEAC: Global Education Achievement Certificate	Department of Public Instruction
Seal of Biliteracy	Department of Public Instruction
Retroactive World Language credits	UW Oshkosh & other UW Schools
College Credit – AP Language & Literature courses	AP College Board

WRITTEN COMMUNICATION CAREERS

Creating, inspiring and informing through the written language.

POTENTIAL CAREERS IN WRITTEN COMMUNICATION

Advertising Copywriter	Grant Writer	Screenwriter
Book Editor	Greeting Card Writer	Social Media Specialist
Columnist	Journalist	Speechwriter
Communications Director	Marketing Communications	Technical Writer
Content Strategist	Novelist	Translator
Copy Editor	Proof Reader	Travel Writer
Film Critic	Proposal Writer	Video Game Writer
Ghost Writer	Public Relations Specialist	Web Content Writer

EXPLORATORY PATHWAY COURSE SEQUENCES

Pathway Level	Required Exploratory Pathway Courses
	14. Written Communications Pathway
Introductory Course(s)	Media Journalism
Concentration Course(s)	Creative Writing Or AP Language & Composition
Capstone Course /Experience	AP Literature & Composition And/Or BTC Written Communication

SUGGESTED ELECTIVE COURSES TO ENHANCE PATHWAY

Department	Course(s)
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Art	Community Art Appreciation
Business	Intro to Marketing
English	Greek & Roman Mythology World Mythology Yearbook
World Languages	Spanish 1 / 2 / 3 French 1 / 2 / 3

POTENTIAL CERTIFICATIONS/DEGREES/WORK BASED LEARNING

Potential Outcomes	Certifying Agency
College Credit – AP Language & Composition	AP College Board
College Credit – AP Literature & Composition	AP College Board

EDUCATION & CHILD DEVELOPMENT CAREERS

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

POTENTIAL CAREERS IN EDUCATION & CHILD DEVELOPMENT

Administrator	College/University Faculty	Juvenile Corrections Worker
Assessment Specialist	Counselor	Middle School Teacher
Career Tech Administrator	Curriculum Developer	Paraprofessional
Child Care Worker	Early Childhood Teacher	Principal
Clinical Psychologist	Elementary Teacher	Speech-Language Pathologist
Coach	High School Teacher	Superintendent

EXPLORATORY PATHWAY COURSE SEQUENCES

Pathway Level	Required Exploratory Pathway Courses	
	15. Early Childhood Education Pathway	16. Education Pathway
Introductory Course(s)	Psychology Child Development	Psychology Child Development
Concentration Course(s)	Early Childhood Education I Early Childhood Education II	Foundations of Education
Capstone Course /Experience	Early Childhood Education III And Work Based Learning	AP Psychology And/Or Work Based Learning

SUGGESTED ELECTIVE COURSES TO ENHANCE PATHWAY

Department	Course(s)
Business	Microsoft Office
English	AP Language & Composition AP Literature & Composition Women Writers Blackhawk Communications Intro to Public Speaking
Math	Probability & Statistics AP Statistics AP Calculus AB AP Calculus BC
Physical Ed	Lifeguarding High School Officiating
Science	Anatomy & Physiology
Social Studies	Sociology Women's Studies
World Languages	Spanish 1 / 2 / 3 French 1 / 2 / 3

POTENTIAL CERTIFICATIONS/DEGREES/WORK BASED LEARNING

Potential Outcome	Certifying Agency
Infant & Toddler Teacher	UI/Dept. of Public Instruction
Assistant Childcare Teacher	UI/Dept. of Public Instruction

Employability Skills	UI/Dept. of Public Instruction
Associates Degree - Early Childhood Education	Blackhawk Technical College
Early Childhood Co-op	Work Based Learning
College Credit – AP Psychology	AP College Board

HUMAN SERVICES CAREERS

Providing social support such as counseling and mental health services, family and community services, personal care, and consumer services.

POTENTIAL CAREERS IN HUMAN SERVICES

Adult Day Care Worker	Funeral Director	Rehabilitation Counselor
Community Service Director	Geriatric Services Worker	Religious Leader
Career Counselor	Human Services Worker	Residential Advisor
Cosmetologist	Massage Therapist	Social Worker
Counselor	Mental Health Counselor	Sociologist
Dietician	Personal Fitness Trainer	Substance Abuse Counselor
Emergency Relief Worker	Psychologist	Volunteer Coordinator

EXPLORATORY PATHWAY COURSE SEQUENCES

Pathway Level	Required Exploratory Pathway Courses
	17. Human Service Pathway
Introductory Course	Sociology
Concentration Course(s)	Psychology + 1 elective listed below
Capstone Course /Experience	Advanced Health & Wellness Or AP Psychology

SUGGESTED ELECTIVE COURSES TO ENHANCE PATHWAY

Department	Course(s)
Art	Community Art
English	AP Language & Composition AP Literature & Composition Women Writers Blackhawk Communications Intro to Public Speaking
Family/Consumer Sci.	Child Development Early Childhood 1 Early Childhood 2 Food Science
Math	Probability & Statistics AP Statistics
Physical Ed	Lifetime Wellness Strength & Conditioning
Science	Chemistry in the Community Anatomy & Physiology
Social Studies	Current Events African American Studies Holocaust & Genocide American Minorities
World Languages	Spanish 1 / 2 / 3 French 1 / 2 / 3

POTENTIAL CERTIFICATIONS/DEGREES/WORK BASED LEARNING

Potential Outcomes	Certifying Agency
College Credit – AP Psychology	AP College Board

MEDICAL & HEALTH SCIENCE CAREERS

Healing others through the diagnosis, treatment, and prevention of disease and injuries.

POTENTIAL CAREERS IN MEDICAL & HEALTH SCIENCES

Anesthesiologist	Dental Laboratory Technician	Pharmacist
Athletic Trainer	Dermatologist	Physician
Biomedical Engineer	Medical Records Technician	Radiation Therapy Technologist
Biomedical Equipment Tech	Neurologist	Surgeon
Clinical Laboratory Technician	Nurse	Veterinarian

EXPLORATORY PATHWAY COURSE SEQUENCES

Pathway Level	Required Exploratory Pathway Courses	
	18. Healthcare Pathway	19. Biomedical Technology
Introductory Course	Health Careers And General Chemistry Or Chemistry in the Community	General Biology
Concentration Course(s)	Microbiology Anatomy & Physiology	Microbiology General Chemistry
Capstone Course /Experience	Medical Terminology (BTC) And AP Biology Or AP Chemistry And/Or Work Based Learning	Medical Terminology (BTC) And Biotechnology Or AP Biology

SUGGESTED ELECTIVE COURSES TO ENHANCE PATHWAY

Department	Course(s)	
Business	Business Foundations Accounting	Microsoft Office Entrepreneurship
English	AP Language & Composition Intro to Public Speaking	AP Literature & Composition Blackhawk Communications
Math	Probability & Statistics AP Calculus AB	AP Statistics AP Calculus BC
Physical Ed	Lifeguarding	Lifetime Wellness
Science	Chemistry in the Community	
Social Studies	Psychology	AP Psychology
World Languages	Spanish 1 / 2 / 3	French 1 / 2 / 3

POTENTIAL CERTIFICATIONS/DEGREES/WORK BASED LEARNING

Potential Outcomes	Certifying Agency
Certified Nursing Assistant (CNA)	Blackhawk Technical College
Associates Degree - Licensed Practical Nurse (LPN)	Blackhawk Technical College
Youth Apprenticeship	Work Based Learning
College Credit – AP Biology or AP Chemistry	AP College Board

ARCHITECTURE & CONSTRUCTION CAREERS

Designing, planning, managing, building, and maintaining the built environment.

POTENTIAL CAREERS IN ARCHITECTURE & CONSTRUCTION

Architect	Electrician	Plumber
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Carpenter	Electronic Systems Technician	Project Estimator
Civil Engineer	Equipment/material Manager	Project Inspector
Construction Foreman	General Contractor/Builder	Project Manager
Contractor	HVAC Mechanic	Roofer
Drafter	Interior Designer	Safety Director
Demolition Engineer	Painter	Sheet Metal Worker
Drywall Installer	Pipefitter	Tile/Marble Setter

EXPLORATORY PATHWAY COURSE SEQUENCES

Pathway Level	Required Exploratory Pathway Courses	
	20. Construction Pathway	21. Cabinetry/Millwork Pathway
Introductory Course(s)	Construction 1	Cabinetry 1
Concentration Course(s)	Construction 2	Cabinetry 2
Capstone Course /Experience	Construction 3 And/Or Work Based Learning	Cabinetry 3 And/Or Work Based Learning

SUGGESTED ELECTIVE COURSES TO ENHANCE PATHWAY

Department	Course(s)
Art	3D Art
Business	Business Foundations Accounting Entrepreneurship
English	Blackhawk Communications Intro to Public Speaking
Family/Consumer Sci.	Housing & Interior Design
Math	Tech Math 1 Tech Math 2 Geometry
Physical Ed	Strength & Conditioning
Science	Conceptual Physics Water, Weather & Climate Chemistry in the Community General Chemistry
Tech Education	Welding 1 / 2 / 3
World Languages	Spanish 1 / 2 / 3 French 1 / 2 / 3

POTENTIAL CERTIFICATIONS/DEGREES/WORK BASED LEARNING

Potential Outcomes	Certifying Agency
OSHA 10 Certification	Occupational Safety and Health Administration
Saw Blade Certification	Woodwork Career Alliance
Youth Apprenticeship	Work Based Learning

AUTOMOTIVE & TRANSPORTATION CAREERS

Technical support, planning and management of mobile equipment.

POTENTIAL CAREERS IN AUTOMOTIVE & TRANSPORTATION

Auto Body Technician	Fleet Maintenance Manager	Repair Technician
Auto Electronics Specialist	Fleet Manager	Service Manager
Automotive Service Technician	Painting Technician	Shop Owner
Field Service Representative	Parts Manager	Truck Driver

EXPLORATORY PATHWAY COURSE SEQUENCES

Pathway Level	Required Exploratory Pathway Courses
	22. Automotive Pathway
Introductory Course(s)	Introduction to Automotive Technology
Concentration Course(s)	Automotive Technology 1 Automotive Technology 2
Capstone Course /Experience	Automotive Technology 3 And/Or Work Based Learning

SUGGESTED ELECTIVE COURSES TO ENHANCE PATHWAY

Department	Course(s)
Business	Business Foundations Entrepreneurship
English	Blackhawk Communications
Math	Tech Math 1 Tech Math 2
Science	Environmental Science Conceptual Physics Chemistry in the Community

POTENTIAL CERTIFICATIONS/DEGREES/WORK BASED LEARNING

Potential Outcomes	Certifying Agency
ASE Student Certification- Brakes	ASE
ASE Student Certification- Engine Repair	ASE
ASE Student Certification- Heating & Air Conditioning	ASE
ASE Student Certification- Maintenance & Light Repair	ASE
ASE Student Certification- Suspension and Steering	ASE
2 Year Technical Diploma	Blackhawk Technical College
Youth Apprenticeship	Work Based Learning

ENGINEERING PATHWAY CAREERS

Designing, building, and maintaining structures, devices, systems, materials, and processes through a combination of scientific, economic, social, and practical knowledge and skills in order to solve problems to improve the world around us.

POTENTIAL CAREERS IN ENGINEERING

Aerospace Engineer	Computer Programmer	Metallurgist
Agricultural Engineer	Electrical Engineer	Nuclear Engineer
Analytical Chemist	Electronics Technician	Quality Engineer
Architectural Engineer	Engineering Technician	Robotics Engineer
Astrophysicist	Geologist	Software Engineer
Biomedical Engineer	Geothermal Engineer	Structural Engineer
CAD Technician	Industrial Engineer	Survey Technician
Civil Engineer	Mechanical Designer	Systems Engineer

EXPLORATORY PATHWAY COURSE SEQUENCES

Pathway Level	Required Exploratory Pathway Courses
	23. Engineering Pathway
Introductory Course(s)	PLTW Intro to Engineering Design
Concentration Course(s)	Conceptual Physics
Capstone Course /Experience	PLTW Principles of Engineering Or AP Physics Or AP Calculus AB

SUGGESTED ELECTIVE COURSES TO ENHANCE PATHWAY

Department	Course(s)
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Art	3-D Art	
Business	Microsoft Office Multimedia	Accounting 1 Entrepreneurship
English	AP Language & Composition Intro to Public Speaking	Blackhawk Communications
Math	Probability & Statistics AP Calculus BC	AP Statistics
Science	General Chemistry Physical World Environmental Science	AP Chemistry AP Environmental Science
World Languages	Spanish 1 / 2 / 3	French 1 / 2 / 3

POTENTIAL CERTIFICATIONS/DEGREES/WORK BASED LEARNING

Potential Outcomes	Certifying Agency
AutoCAD Inventor	Certiport
AutoCAD Certified User	Certiport
College Credit – AP Physics	AP College Board

LAND & RESOURCE MANAGEMENT CAREERS

Researching, designing, strategically planning, and implementing to ensure human interactions with the environment have a minimal impact and efficiently use our scarce resources.

POTENTIAL CAREERS IN LAND & RESOURCE MANAGEMENT

Climatologist	Environmental Protection	Horticulturist
DNR Officer	Environmental Scientist	Industrial Hygienist
DOT Inspector	Farmer	Landscaper
Ecologist	Geologist	Park Ranger
Environmental Compliance	Hazardous Materials Manager	Risk Manager
Environmental Engineer	Health and Safety Engineer	Soil Scientist
Environmental Manager	Health and Safety Manager	Wildlife/Fisheries Biologist

EXPLORATORY PATHWAY COURSE SEQUENCES

Pathway Level	Required Exploratory Pathway Courses
	24. Land & Resource Management Pathway
Introductory Course(s)	Physical World Water, Weather & Climate
Concentration Course(s)	Environmental Science
Capstone Course /Experience	AP Environmental Science Outdoor Adventure

SUGGESTED ELECTIVE COURSES TO ENHANCE PATHWAY

Department	Course(s)
Business	Business Foundations Entrepreneurship
English	Blackhawk Communications
Math	Probability & Statistics AP Statistics
Physical Ed	Advanced Health Strength & Conditioning
Science	AP Biology
Social Studies	WH: Human Footprints AP Human Geography
World Languages	Spanish 1/2/3 French 1/2/3

POTENTIAL CERTIFICATIONS/DEGREES/WORK BASED LEARNING

Potential Outcomes	Certifying Agency
College Credit – AP Environmental Science	AP College Board

LAW & PUBLIC SAFETY CAREERS

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

POTENTIAL CAREERS IN LAW & PUBLIC SAFETY

Ambassador	Court Reporter	Firefighter
Attorney	Criminal Investigator	Forensic Scientist
Bomb Technician	Cryptographer	Military Service Person
City Manager	Elected Official	Police Officer
Combat Control Officer	Emergency Medical Technician	Security Officer
Commissioner	Federal Marshal	World Service Officer

EXPLORATORY PATHWAY COURSE SEQUENCES

Pathway Level	Required Exploratory Pathway Courses	
	25. Military Leadership Pathway	26. Public Safety Pathway
Introductory Course(s)	JROTC - LET 1	WH: World Conflicts Psychology
Concentration Course(s)	JROTC - LET 2 JROTC - LET 3	Criminal Law Forensic Science
Capstone Course /Experience	JROTC - LET 4	Fire Behavior & Combustion (BTC) Or Criminal Justice System (BTC) Or AP Psychology

SUGGESTED ELECTIVE COURSES TO ENHANCE PATHWAY

Department	Course(s)	
Business	Business Foundations Microsoft Office	Accounting
Math	Probability & Statistics	AP Statistics
Physical Ed	Lifeguarding	Strength & Conditioning
Science	General Chemistry Conceptual Physics	Chemistry in the Community
Social Studies	Current Events American Minorities	African American Studies Sociology
World Languages	Spanish 1/2/3	French 1/2/3

POTENTIAL CERTIFICATIONS/DEGREES/WORK BASED LEARNING

Potential Outcomes	Certifying Agency
College Credit – AP Psychology	AP College Board

MANUFACTURING & SKILLED TRADES CAREERS

Planning, managing and performing the processing of materials into products and the related professional and technical support activities.

POTENTIAL CAREERS IN MANUFACTURING & SKILLED TRADES

CAD/CAM Programmer	Maintenance Mechanic	Robotic Programmer
Fabricator	Metrology	Underwater Welder

Machine Sales & Service	Pipefitter	Welder
Machinist	Plant Manager	Welding Engineer

EXPLORATORY PATHWAY COURSE SEQUENCES

Pathway Level	Required Exploratory Pathway Courses	
	27. Welding Pathway	28. Machining Pathway
Introductory Course	Welding 1	Machining & CNC Op. 1
Concentration Course(s)	Welding 2	Machining & CNC Op. 2
Capstone Course /Experience	Welding 3 And/Or Work Based Learning	Machining & CNC Op. 3 And/Or Work Based Learning

SUGGESTED ELECTIVE COURSES TO ENHANCE PATHWAY

Department	Course(s)
English	Blackhawk Communications
Math	Tech Math 1 Tech Math 2
Physical Ed	Strength & Conditioning
Science	Chemistry in the Community Conceptual Physics

POTENTIAL CERTIFICATIONS/DEGREES/WORK BASED LEARNING

Potential Outcomes	Certifying Agency
AWS SENSE Level 1	American Welding Society
NIMS Certifications (various)	National Institute of Metalworking Skills
2 Year Technical Diploma	Blackhawk Technical College
Youth Apprenticeship	Work Based Learning

SCIENCE CAREERS

Planning, managing and providing scientific research and professional and technical services including laboratory and testing services and research and development services.

POTENTIAL CAREERS IN SCIENCE

Astronomer	Food Scientist	Physicist
Astrophysicist	Geneticist	Science Researcher
Botanist	Lab Technician	Science Teacher
Chemist	Marine Biologist	Stock Room Technician
Epidemiologist	Pharmaceutical Research	Zoologist

EXPLORATORY PATHWAY COURSE SEQUENCES

Pathway Level	Required Exploratory Pathway Courses	
	29. Physical Science Pathway	30. Biological Science Pathway
Introductory Course(s)	General Chemistry Or Chemistry in the Community	General Biology
Concentration Course(s)	Conceptual Physics Or Food Science	Microbiology Or Anatomy & Physiology
Capstone Course /Experience	AP Chemistry Or AP Physics	AP Biology Or Intro to Biotechnology

SUGGESTED ELECTIVE COURSES TO ENHANCE PATHWAY

Department	Course(s)
Business	Microsoft Office

English	AP Language & Composition	
Math	Probability & Statistics	AP Statistics
	AP Calculus AB	AP Calculus BC
Physical Ed	Outdoor Adventure	
World Languages	Spanish 1/2/3	French 1/2/3

POTENTIAL CERTIFICATIONS/DEGREES/WORK BASED LEARNING

Potential Outcomes	Certifying Agency
College Credit – AP Chemistry, AP Physics, AP Biology	AP College Board

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:

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

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

Prioritizing Drops

Before any drops can be considered, the students who have incomplete schedules must have their schedules filled first. Seniors who need to drop a class in order to make room for a required course should be considered first. Juniors trying to meet requirements should be considered second, then sophomores, then freshmen.

Grading Policy

- Up to 5 days into the term, courses 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

Grading Policy (cont.)

- 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.

The SAT and PSAT Testing Information

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

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

EARNING COLLEGE CREDIT & ADDITIONAL CERTIFICATES IN HIGH SCHOOL

ADVANCEMENT 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.

BENEFITS OF ADVANCED PLACEMENT

Students will receive credit, advanced placement or both at most colleges and universities. The amount of credit received varies on the college, AP score, and the subject. Some colleges grant up to six college credits for a score of 3 or higher on the AP exam. Students are also able to move into a higher level class at colleges as a freshman. This not only translates into time saved, but also a financial savings for each credit earned while in high school. It is possible for a student to take enough AP exams to enter college as a sophomore standing.

COST OF AP EXAMS

Advanced Placement examinations are required of Advanced Placement students. The School District of Beloit will pay for all students to take Advanced Placement examinations.

ADVANCED PLACEMENT (AP) COURSES

- **ARTS**
 - AP Art History
 - AP Music Theory
 - AP Art & Design
- **ENGLISH**
 - AP English Language and Composition
 - AP English Literature and Composition
- **HISTORY & SOCIAL SCIENCE**
 - AP African American History
 - AP European History
 - AP Human Geography
 - AP Psychology
 - AP United States Government and Politics
 - AP United States History
 - AP World History
- **MATH & COMPUTER SCIENCE**
 - AP Calculus AB
 - AP Calculus BC
 - AP Statistics
- **SCIENCES**
 - AP Biology
 - AP Chemistry

- o AP Environmental Science
- o AP Physics 1
- **WORLD LANGUAGES & CULTURES**
 - o AP French Language and Cultures
 - o AP Spanish Language and Cultures
 - o AP Spanish Literature and Cultures

EARNING COLLEGE CREDIT WHILE IN HIGH SCHOOL

BMHS students are able to take one or more courses at an institution of higher education for high school and/or college credit through seven (7) different programs.

1. Transcripted and Advanced Standing Courses – Blackhawk Technical College

Multiple courses in the catalog are denoted as “**transcripted**.” 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.

Courses listed below are advanced or transcripted credit courses taken during high school at BMHS. These are subject to change every year. You will receive college credit after graduation if you enroll in the college within 27 months of graduation.

Blackhawk Technical College:

Transcripted Courses:

- Child Development
- Early Childhood Education 1, 2 and 3
- Foundations of Early Childhood Education
- Welding 1, 2 and 3
- Microbiology

Blackhawk Technical College:

Advanced Standing Courses:

- Accounting 1
- Craftsman With Character
- Intro to Marketing
- Business Foundations
- Business and Personal Law
- Microsoft Office
- Math for Technical Careers
- Automotive Technology 1
- Machining and CNC Operations 1
- Hospitality Services 1 and 2

UW Whitewater at Rock County

- Introduction to Public Speaking

2. Start College Now (SCN)

This program allows students to take courses not offered at the high school at a local technical college (typically Blackhawk Technical College).

3. Early College Credit Program (ECCP)

This program allows students to take courses not offered at the high school at a local university.

SCN and ECCP have many similarities. The school board pays tuition if the course is taken for high school credit. It is possible to receive both high school and college credit for courses successfully completed. A completed application is due to your counselor and must be turned in before the enrollment deadline. The spring deadline date is March 1 for classes taken 1st semester and the fall deadline date is October 1 for classes taken 2nd semester. The student must provide their own transportation if courses are taught off the BMHS campus. The student will be required to reimburse the school district for tuition and fees if the student drops or fails the course.

4. Collegiate Academy

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.

5. Porter Scholar Program

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.**

6. Project Lead the Way (PLTW)

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. During the 2023 – 2024 school year, PLTW course offerings include; Intro to Engineering Design and Principles of Engineering. Courses offered are subject to change based on student demand.

7. College Credits for High School Spanish & French:

Cooperative Academic Partnership Program (CAPP) (<https://uwosh.edu/capp>)

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 who apply for the CAPP program register for the appropriate course through UW Oshkosh to earn college credits. (<https://apply.wisconsin.edu/>) You do not have to attend UW Oshkosh after you graduate as these credits may transfer to other colleges and universities. 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>) You will then receive an email with instructions on how to register for the class beginning in September. 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. All high school students are eligible for the CAPP courses; students do NOT need to provide a social security number. There may be French classes that also offer CAPP college credit options.

Wisconsin DPI Bilingual Awards and Endorsements

Department of Public Instruction Seal of Biliteracy - State Endorsed Certificate

The Wisconsin DPI Seal of Biliteracy is an award for students who earn an intermediate-high level on all four parts of the AAPPL Proficiency Exam and complete a few other requirements. This award celebrates a student's bilingualism and intercultural competence as defined by and approved for our district through DPI. <https://dpi.wi.gov/english-learners/wi-seal-of-biliteracy> For our district, see this website for details: <https://bit.ly/3kXBLA2>

Global Scholars Award (formerly GEAC) – State Endorsed Certificate

If you plan to live and work in a diverse community, this certificate shows that you have not only studied diverse perspectives but that you have experienced multicultural events that help you to appreciate and value the life experiences of people outside of your own culture. Students must complete the following requirements by the given deadline during their senior year to receive the certificate from the Department of Public Instruction.

Requirements:

1. Earn grades of A or B in four credits of Spanish or four credits of French
2. Earn grades of A or B in four (4) credits of Global Courses.
3. Participate and show leadership in multicultural community events or clubs with written reflections.
4. Read/view and share written reflections on at least 2 books and 2 films that broaden one's global perspective
5. Complete a 20 hour service project including proposal and reflection by April 5th of Senior Year.

For more information see any World Language teacher and/or <http://www.globalwisconsin.org/>

WORK-BASED LEARNING

The opportunity for students to enrich their classroom learning through a placement at a local employer is very valuable. BMHS offers several programs that each allow students to earn credits and paychecks while developing personal and professional skills.

Youth Apprenticeship – State Endorsed Program

This program is designed for students to spend a portion of the day at school taking related coursework and the rest of the time at a cooperating employer. Students receive high school credit and are paid by the employer. Students are required to complete a set amount of hours with the employer and placements can be for one or two years. This program is open to juniors and seniors who are in good academic standing. Students will be awarded a Certificate of Occupational Proficiency by the Department of Workforce Development (DWD) when they successfully complete their high school diploma requirements and achieve the specific competencies required.

Students can be placed in multiple career areas including: Auto Tech, Manufacturing, Construction, Transportation Logistics, Certified Nursing Assistant, Hospitality, and more. Please see your counselor or the Youth Apprenticeship Coordinator for more information.

Wisconsin Skills Standards Co-op – State Endorsed Program

This program serves students in the Early Childhood Education Program. Students can earn multiple state recognized credentials, college credit, and pay if placed in a childcare center. Please see the Early Childhood Education Instructor for more information.

Local Cooperative Learning Programs – District Endorsed Program

Students can earn high school credit and professional skills while working by participating in either the Hospitality Co-op or the Business Co-op. These local co-ops offer more flexibility to the student and employer while still offering many of the benefits of work-based learning. Students are responsible for finding employment and remaining employed in a job related to their high school courses.

Jobs for America's Graduates (JAG) Program

Jobs for America's Graduates (JAG) is designed to provide students with the support to thrive academically and develop employability skills. Students will learn and master the JAG competencies and participate in Career Association meetings in the JAG classroom setting. Students will also have the opportunity to participate in job shadows, business tours, college tours, and community service activities. Furthermore, this course will provide students with additional services including: academic assistance, study skills workshops, career guidance, resume and scholarship writing workshops, and college preparation. Whether students plan to enter the workforce, military, or attend post-secondary education, this course is designed to help them reach their career goals.

ATHLETICS, ACTIVITIES & CLUBS

CLUBS AND ACTIVITIES	SPORTS
Academic Decathlon	<u>FALL SEASON</u>
Anime Club	Football
Art Club	Girls Volleyball
Botany Club	Boys Volleyball
Chemistry Club	Boys Soccer
Distributive Education Clubs of America (DECA)	Girls Swimming
Environmental Club	Girls Golf
Future Business Leaders of America (FBLA)	Girls Cross Country
Family, Career and Community Leaders of America (FCCLA)	Boys Cross Country
Fellowship of Christian Athletes (FCA)	Cheer Team
French Club	Girls Tennis
Gender Sexuality Alliance (GSA)	
Health Occupations Students of America (HOSA)	<u>WINTER SEASON</u>
The Increscent	Girls Basketball
International Club	Boys Basketball
JROTC (Color Guard, Drill Team, Rifle Team)	Wrestling
Key Club (Kiwanis International)	Girls Hockey (Co-Op)
Latino Club	Boys Hockey (Co-Op)
LEO Club (Lions Club International)	Cheer Team
Lifting Club	Step Team
Link Crew	Boys Swimming
Loads 2 Success	
League of United Latin American Citizens (LULAC)	<u>SPRING SEASON</u>
Minority Excellence Organization (MEO)	Softball
Music - Choir	Baseball
Music - Instrumental	Girls Track
Music - Orchestra	Boys Track
National Art Honor Society	Boys Tennis
National Honor Society	Boys Golf
Purple Knight Catering Club	
Skills USA	
Special Olympics	
Student Senate	
TableTop Gaming Club	
Theatre	
Yearbook	
Video Game Club	
Zonta International	

Petition for Enrollment in Course above Grade Level

Courses in the course selection book are listed at appropriate grade level as determined by each department. Courses are listed by grade level to facilitate the greatest opportunity for student academic success. To establish the grade level, prior knowledge and developmental readiness for course topics are taken into account. However, there are situations which warrant consideration for a student to request enrollment in a course above their grade level. As long as a student meets any curricular prerequisites, they may petition for enrollment by completing the following steps:

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

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

Student: _____

Parent/Guardian: _____

Address: _____ **Phone:** _____

Course Requested: _____ **Course Number:** _____

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

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

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

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

_____ Other (Please Specify): _____

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

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

ART DEPARTMENT

The Art department offers a wide variety of courses for all levels of interest in art. 2-D Art and 3-D Art are designed as foundational or introductory level courses. They provide a range of process and media exposure for beginning art students, helping them determine areas of personal interest and strength. 2-D Art can be taken at the same time, before, or after 3-D Art. 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	Pre-Requisites	Special Notes
	9	10	11	12			
2-D Art (I0010)	X	X	X	X	0.5		Pathways 4, 9, 10
3-D Art (I0020)	X	X	X	X	0.5		Pathways 9, 10
Applied Arts (I0021)	X	X	X	X	0.5		Global/Biliteracy Elective Pathway 10
Advanced Applied Arts (I0022)		X	X	X	0.5	Applied Arts	Global/Biliteracy Elective Pathway 10
Introduction to Graphic Art (I3002)		X	X	X	0.5	2-D Art	Pathway 4
Clay Ceramics (I0031)		X	X	X	0.5	3-D Art	Pathway 10
Advanced Ceramics (I0033)		X	X	X	0.5	Clay Ceramics	Pathway 10
Sculpture (I0032)		X	X	X	0.5	3-D Art	Pathway 9
Drawing (I0035)		X	X	X	0.5	2-D Art	Pathway 9
Advanced Drawing (I0037)		X	X	X	0.5	Drawing	Pathway 9
Painting (I0045)		X	X	X	0.5	2-D Art	Pathway 9
Fashion Design (I0030)		X	X	X	0.5	2-D or 3-D Art	Pathway 10
Photography (I0047)	X	X	X	X	0.5	2-D Art	Pathway 4, 9
Digital Art (I0053)		X	X	X	0.5	2-D Art	Pathway 4
Advanced Digital Art (I0054)		X	X	X	0.5	Digital Art	Pathway 4
AP Art & Design (I4000)			X	X	2.0	Three prior Art courses	Pathways 4, 9, 10

Foundation Art Courses

2-D ART (I0010)

0.5 credit

Grades: 9, 10, 11, 12

Pathways: 4, 9, 10

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

Pathways: 9, 10

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

Pathway: 10

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 to create 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: 9, 10, 11, 12

Pathway: 9

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

Pathway: 9

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****Pathway: 9****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****Pathway: 9****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 and paper may be used. Creativity and good craftsmanship are emphasized.

PHOTOGRAPHY (I0047)**0.5 credit****Grades, 9, 10, 11, 12****Pathway: 4, 9****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****Pathway: 4****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****Pathway: 4****Prerequisite: Digital Art 1**

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

APPLIED ARTS (I0021) Global/Biliteracy Elective

0.5 credit

Grades: 9, 10, 11, 12

Pathway: 10

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 to create 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.

ADVANCED APPLIED ARTS (I0022)

0.5 credit

Grades: 10, 11, 12

Pathway: 10

Prerequisite: Applied Arts

Special Note: Global/Biliteracy Elective

Content: This course is a further exploration of the skills learned in the Applied Arts course. Students will be encouraged to utilize their own creative and personal approaches to conceptual ideas in the design and decoration of functional everyday objects. The production of a related series of globally inspired objects will be the emphasis in this personal creative exploration.

CLAY CERAMICS (I0031)

0.5 credit

Grades: 10, 11, 12

Pathway: 10

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

Pathway: 10

Prerequisite: 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,

Pathway: 10

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

Pathway: 4**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

AP ART & DESIGN (I4000)**AP 2D, AP 3D and AP Drawing****2.0 credits****Grades: 11, 12****Pathways: 4, 9, 10****Prerequisite: 3 prior Art courses or permission from instructor**

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. Students may choose to work in any media including ceramics, fashion or interior design, digital art, drawing, painting, sculpture, photography, etc. Students must be able to work independently.

Fee: 100% of Advanced Placement portfolio evaluation fee. No written exam.

BLACKHAWK TECHNICAL COLLEGE

The following Blackhawk Technical College courses are taught on BMHS campus by a Blackhawk Technical College Instructor.							
Course Title	Enrollment Grades				Credit	Pre-Requisites	Special Notes
	9	10	11	12			
Medical Terminology (R0812)			X	X	0.5		Dual Credit (Transcribed w/ BTC) Pathways 18, 19
The Criminal Justice System (R0816)			X	X	0.5		Dual Credit (Transcribed w/ BTC) Pathway 26
Fire Behavior & Combustion (R0815)			X	X	0.5		Dual Credit (Transcribed w/ BTC) Pathway 26

MEDICAL TERMINOLOGY (R0812)**0.5 credit****3.0 credits Transcribed Blackhawk Technical College****Grades: 11, 12****Pathways: 18, 19**

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

Pathway: 26

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

Pathway: 26

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.

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				Cred it	Pre-Requisites	Co-Requisites	Special Notes
	9	10	11	12				
Business Foundation (F1000)	X	X	X	X	1.0			Dual Credit (Advanced Standing w/ BTC) Pathway 1,3
Microsoft Office (F1004)	X	X	X	X	1.0			Dual Credit (Advanced Standing w/ BTC) MOS Specialist Certification Pathways 1, 3
Accounting (F2001)		X	X	X	1.0			Dual Credit (Advanced Standing w/ BTC) Pathways 1,3
Advanced Accounting (F3001)		X	X	X	1.0	Accounting		Pathway 1
Personal Finance (F3012)			X	X	0.5			Required for Graduation
Entrepreneurship 1 (F3009)	X	X	X	X	1.0			Pathway 3+
Entrepreneurship 2			X	X	1.0	Entrepreneurship 1		Pathway 3+

Business & Personal Law (F3010)			X	X	0.5			Dual Credit (Advanced Standing w/ BTC) Pathway 3
Sports & Entertainment Management (F3018)			X	X	0.5	Intro to Marketing or HSB Marketing		
Intro to Marketing (F3007)			X	X	1.0			Dual Credit (Advanced Standing w/ BTC) Pathway 3
Advanced Business (F4002)				X	1.0	At least 1 Business course	Business WBL	Pathway 1
Business Internship (F4003) Work Based Learning				X	2.0		Advanced Business and Instructor Approval of Work Site	Pathway 1
High School of Business Courses								
HSB Principles of Business (F4010)		X	X	X	0.5			Pathway 2
HSB Business Economics (F4020)		X	X	X	0.5	HSB Prin. of Business		Pathway 2
HSB Principles of Marketing (F4030)			X	X	0.5	HSB Prin. of Business and Business Econ.		Pathway 2
HSB Principles of Finance (F4040)			X	X	0.5	HSB Prin. of Business and Business Econ.		Pathway 1,2
HSB Principles of Management (F4050)			X	X	0.5	HSB Prin. of Business, and Business Econ.		Pathway 2

General Business Courses

BUSINESS FOUNDATIONS (F1000)

1.0 credit

Grades: 9, 10, 11, 12

Pathways: 1, 3

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) Required for Graduation

0.5 credit

Grades: 11, 12

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.

ADVANCED BUSINESS (F4002)

1.0 credit

Grades: 12

Pathway: 1

Prerequisite: Must have taken one business course.

Co-Requisite: Business Internship (Work Based Learning)

Content: This course is recommended for students who are interested in business careers. Instruction on telecommunication, data processing, business skills, job search, application and interview skills are included along with instruction related to on-the-job training skills.

BUSINESS INTERNSHIP (WORK BASED LEARNING) (F4003)

2.0 credits

Grades: 12

Pathway: 1

APPLICATIONS MUST BE SUBMITTED TO INSTRUCTOR FOR APPROVAL

Prerequisite: Must have taken one business course.

Co-requisite: Advanced Business

Content: On-the-job training in the areas of business/office career choice (cannot have a job in health, day care, or food industry). Students will be released from school to go to work in an approved worksite. The student will be responsible for transportation to and from work, and must average 10-15 hours per week. Instructor must approve all job sites.

Accounting Courses

ACCOUNTING (F2001)

1.0 credit

Grades: 10, 11, 12

Pathways: 1, 3

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

Pathway: 1

Prerequisite: Accounting

Content: This course builds on what students have learned in Accounting 1. 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 1 (F3009)

1.0 credit

Grades: 9, 10, 11, 12

Pathway: 3

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.

ENTREPRENEURSHIP 2

1.0 credit

Grades: 10, 11, 12

Pathway: 3

Prerequisite: Entrepreneurship 1

Content: Prepare yourself for an advanced adventure into the world of entrepreneurship where people will be working with you to achieve the goals and mission of your company/organization. Students will gain valuable entrepreneurial experience and knowledge through projects and speakers. Students will engage in multicultural study and explore global perspectives. They will also have the opportunity to “pitch” at a regional and national level with an up to \$20,000 top prize to strive for!

BUSINESS & PERSONAL LAW (F3010)

0.5 credit

Grades: 11, 12

Pathway: 3

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 or HSB 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

INTRO TO MARKETING (F3007)

1.0 credit

Grades: 11, 12

Pathway: 3

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

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

Grades: 9, 10, 11, 12

Pathways: 1, 3

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.

HIGH SCHOOL OF BUSINESS COURSES

HSB PRINCIPLES OF BUSINESS (F4010)

0.5 Credit

Grades: 10, 11, 12

Pathway: 2

Content: Q: What do your favorite rock group's tour schedule, the logo on a coffee mug, and the Wall Street Journal have in common? A: Business. It's everywhere. Principles of Business will open the student's eyes to the world of business. During the course students will be introduced to some of the major areas of business administration such as marketing, management, and finance through fun, real world projects. Students will engage in multicultural study and explore global perspectives.

HSB BUSINESS ECONOMICS (F4020)

0.5 Credit

Grades: 10, 11, 12

Pathway: 2

Content: Have you ever thought about the choices that the Three Little Pigs made from an economic perspective? In Business Economics, students will consider how decisions (such as work vs. play or sticks vs. straw) affect businesses and individuals in the short and long term. Students will conduct research and examine business problems as well as learn about microeconomic, macroeconomic and international economic concepts. Students will engage in multicultural study and explore global perspectives.

HSB PRINCIPLES OF MARKETING (F4030)

0.5 Credit

Grades: 11, 12

Pathway: 2

Prerequisite: HSB Principles of Business and HSB Business Economics

Content: Why would Volkswagen choose an email campaign over a television commercial? How does Nike determine its pricing strategy? Through projects and problem-solving students will get inside marketers' heads and find out what makes them tick. Projects in the course will challenge students to analyze the business world, work through key marketing decisions such as pricing and product image, and apply knowledge gained to develop a marketing strategy. Students will engage in multicultural study and explore global perspectives.

HSB PRINCIPLES OF FINANCE (F4040)

0.5 Credit

Grades: 11, 12

Pathway: 2

Prerequisite: HSB Principles of Business and HSB Business Economics

Content: Can you imagine a company president who doesn't understand finances? Learning how companies manage their money is important in any business career. In this course, students will face issues that concern

financial markets and institutions. This includes how companies get money for improvements (a new building, a Super Bowl advertisement), make money (sales of products, investments), and keep track of money (understanding financial reports, making smart and ethical decisions). An online investing project provides a fun, hands-on experience in this important area of business. Students will engage in multicultural study and explore global perspectives.

HSB PRINCIPLES OF MANAGEMENT (F4050)

0.5 Credit

Grades: 11, 12

Pathway: 2

Prerequisite: HSB Principles of Business and HSB Business Economics

Content: Get an up-close look at managing. Students will learn first-hand how to manage projects and people—and how to do it ethically and legally. This course includes individual and group work as students conquer problems in the different areas of management, including human resources management, risk management, project management, and knowledge management. Students will engage in multicultural study and explore global perspectives.

ENGLISH/LANGUAGE ART DEPARTMENT

The freshmen English classes allow you to explore a variety of texts and media all related to coming of age. You will have the opportunity to write both academic texts and creative pieces. You will also have opportunities to present and perform.

Course Title	Enrollment Grades				Credit	Pre-Requisites	Special Notes
	9	10	11	12			
English 9 (B1010)	X	*	*	*			Required for Graduation
English 10 (B1020)		X	*	*	1.0		Required for Graduation
Accelerated English 10 (B1025)		X			1.0	English 9	May be substituted for English 10
English 11 (B1030)			X		1.0		Required for Graduation
African American Literature (B1032)			X		1.0	English 10	Global/Biliteracy Elective May be substituted for English 11
Accelerated English 11 (B1035)			X		1.0	English 10	May be substituted for English 11
AP Language and Composition (B1036)			X	X	1.0	English 10	Pathway 14 May be substituted for English 11
English 12 (B1040)				X	1.0		Required for Graduation
Women Writers (B1047)				X	1.0	English 11 or AP Language	Global/Biliteracy Elective May be substituted for English 12
AP Literature and Composition (B1050)				X	1.0	English 11 or AP Language	May be substituted for English 12
Yearbook (B1056)		X	X	X	1.0		
Media Journalism (B1055)		X	X	X	1.0		Pathway 14
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
Environmental Literature (B1070)		X	X	X	1.0	English 9	May be substituted for English 10
Creative Writing (B1075)			X	X	0.5	English 10	Pathway 14
Introduction to Public Speaking (B1098)			X	X	1.0	2.5 GPA and SCN/ECCP App	
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 (B0130U)	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

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 Grade 10

ENGLISH 10 (B1020) Required for graduation

1.0 credit

Grade: 10

Alternative: Accelerated English 10 or Environmental Literature may be substituted for requirement

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.

English Grade 11

ENGLISH 11 (B1030) Required for graduation

1.0 credit

Grade: 11

Special Note: Accelerated English 11, African American Lit. or AP Language and Composition may be substituted.

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

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.

ACCELERATED ENGLISH 11 (B1035)

1.0 credit

Grade: 11

Prerequisite: English 10

Special Note: May be substituted for English 11

Content: This college-prep course is highly recommended for students planning to go on to higher education and is similar to regular English 11, 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, especially dialectical journal entries and essays, outside of class time. Students should also be highly motivated and be willing to work more independently, be able to participate actively in classroom discussion, and work in small groups to complete research projects, including oral presentations. Considered a pre-AP course, this class will pose many challenging questions that have few absolute answers.

AP LANGUAGE & COMPOSITION (B1036)

1.0 credit

Grade: 11, 12

Pathway: 14

Prerequisite: English 10

Special Note: May be substituted for English 11

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. Assigned summer reading is mandatory prior to beginning of course.

Fee: Students are responsible for purchasing their own books and paying for the AP Language Exam.

English Grade 12

ENGLISH 12 (B1040) Required for graduation

1.0 credit

Grade 12

Special Note: Blackhawk Communications, AP Language & Composition, AP Literature & Composition or Women Writers may be substituted

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

Alternative: May be substituted for English 12

Prerequisite: English 11 or AP English Language & Composition

Special Note: 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.

AP LITERATURE & COMPOSITION (B1050)

1.0 credit

Grade: 12

Prerequisite: English 11 or AP Language & Composition

Special Note: May be substituted for English 12

Note: 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. Summer reading is required. **Fee:** Students are responsible for purchasing their own books and paying for the AP Lit. exam.

English Elective 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.

MEDIA JOURNALISM (B1055)

1.0 credit

Grades: 10, 11, 12

Pathway: 14

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 and advertising. Students will also discuss current events on a daily basis. **Note:** Students interested in working on the student newspaper and/or the student yearbook should consider taking this course.

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).

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 culture and literary form, 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, as well as visual literacy, with

students having an active choice and voice in the texts that they study and analyze for their assessments. Students will practice poem analysis, try their hand at writing their own nature poems, 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. The capstone will be inquiry-based, conduct research, and apply project based learning methodology. Students will spend time outside on field trips and be exposed to careers in the field of environmental studies and renewable energy.

CREATIVE WRITING (B1075)

0.5 credit

Grades: 11, 12

Pathway: 14

Prerequisite: English 10

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.

ELL ACADEMIC LAB (B1140)

0 credit

Grades: 9, 10, 11, 12

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.

ALIGNED SPRINGBOARD (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.

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	Pre-Requisites	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
Food Science (G0383)		X	X	X	0.5	Physical or Accel. Phys. Science		Pathways 5, 29 Counts as Science Credit
Hospitality Services 1 (G0323)		X	X	X	0.5			Pathway 5 Dual Credit (Advanced Standing w/ BTC)
Hospitality Services 2 (G0353)		X	X	X	0.5	Hospitality Services 1		Pathway 5 Dual Credit (Advanced Standing w/ BTC)

Hospitality Services 3 and Community Service (G0474)			X	X	1.0	Hospitality Services 2	Hospitality Internship	Pathway 5
Hospitality Internship (G0484)			X	X	2.0	Hospitality Services 2	Hospitality Services 3	Pathway 5
Community Service Internship (G0494)			X	X	2.0	Any F/C Science Course	Hospitality Services 3 & Com. Service	
Child Development (G0292)	X	X	X	X	0.5			Pathway 15, 16 Dual Credit (Transcripted Credit w/ BTC)
Foundations of Early Childhood Education (G0345)		X	X	X	0.5			Pathway 15, 16 Dual Credit (Transcripted Credit w/ BTC)
Early Childhood Education 1 (G0333)			X	X	0.5	Child Development or Found. of ECE	Child Development or Found. of ECE (for Juniors & Seniors)	Pathway 15 Dual Credit (Transcripted Credit w/ BTC)
Early Childhood Education 2 (G0343)			X	X	0.5	ECE 1		Pathway 15 Dual Credit (Transcripted Credit w/ BTC)
Early Childhood Education 3 and Health Care (G0444)				X	1.0	ECE 2		Pathway 15 Dual Credit (Transcripted Credit w/ BTC)
Early Childhood Education Internship (G0454)				X	2.0	ECE Certification	ECE 3	Pathway 15
Health Careers & Occupations (G0282)		X	X	X	0.5			Pathway 18 Students who plan to enroll in the Health Internship Program should take this as sophomores.
Health Care Internship (G0464)				X	2.0	Health Careers	ECE 3 & Health Care	Pathway 18

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

Pathway: 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.

FOOD SCIENCE (G0383)

0.5 credit

Grades: 10, 11, 12

Pathways: 5, 29

Special Note: Also counts as a Science Credit in addition to the Required Science Courses.

Content: Food Science applies fundamental scientific principles to the research, development, manufacturing, packaging, storage, and marketing 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 functional components of foods, food safety, nutrition, sensory evaluation, quality assurance, new product development, food chemistry, food processing, engineering, and much more. Students will explore the role of food within various contexts, investigate the management of food quality and safety, explore the processes involved in food production from farming to the science, and physics of various types of food production.

HOSPITALITY SERVICES 1 (G0323)

0.5 credit

Grades: 10, 11, 12

Pathway: 5

Special Note: Advanced Standing Credits with Blackhawk Technical College, grade 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

Pathway: 5

Prerequisite: Hospitality Services 1

Special Note: Advanced Standing Credits with Blackhawk Technical College, grade 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.

Fee: \$10.00

Out-of-Class Time Required: 1-2 hours per week if catering jobs become available.

HOSPITALITY SERVICES 3 & COMMUNITY SERVICE (G0474)

1.0 credit

Grade 12

Pathway: 5

Prerequisite: Hospitality Services 2

Content: This is a course for seniors who have successfully completed the prerequisite course for an Internship placement and who are interested in pursuing a career in Food Service, Community Service, Interior Design or Clothing upon completing high school. Topics covered will complement their Internship placement.

HOSPITALITY INTERNSHIP (WORK BASED LEARNING) (G0484)

2.0 credits

Grade: 11, 12

Pathway: 5

APPLICATIONS MUST BE SUBMITTED TO INSTRUCTOR FOR APPROVAL

Prerequisite: Hospitality 2

Co-requisite: Hospitality Services 3 & Community Service

Content: This course is designed for students who are interested in participating in an internship work experience in Food Service. Students will be released from school to go to work at an approved work site. This will involve coursework related to the job, on-site job evaluation, and evaluations with the employer.

COMMUNITY SERVICE INTERNSHIP (WORK BASED LEARNING) (G0494)

2.0 credits

Grade: 11, 12

Pathway: 5

APPLICATIONS MUST BE SUBMITTED TO INSTRUCTOR FOR APPROVAL

Prerequisite: Any Family and Consumer Education course

Co-requisite: Hospitality Services 3 & Community Service

Content: This course is designed for students who are interested in participating in an internship work experience in the following areas: Community Service, Interior Design, or Clothing. Students will be released from school to go to work in an approved work site. This will involve coursework related to the job, on-site job evaluation, and evaluations with the employer.



Child Development & Education Courses

CHILD DEVELOPMENT (G0292)

0.5 credit

Pathways: 15, 16

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. Course competencies include: integrate strategies that support diversity, cultural responsiveness, and anti-bias perspectives; analyze social, cultural, and economic influences on child development; summarize child development theories. This course covers the development of children from conception through preschool years. The course will help students gain knowledge and skills associated with positive parent and child relationships. Students will have opportunities to work with preschoolers ages 3-5 years and to develop activities for these children related to the physical, social, intellectual and emotional development of children in that age group. Students may earn transcribed credit in BTC's Associate Degree program for Early Childhood Education.

FOUNDATIONS OF EARLY CHILDHOOD EDUCATION (G0345)

0.5 credit

Grades: 10, 11, 12

Pathway: 16

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

This course introduces you to the early childhood profession. Course competencies include: integrate strategies that support diversity and anti-bias perspectives; investigate the history of early childhood education; examine regulatory requirements for early childhood education in WI; summarize types of early childhood education settings; identify the components of a quality early childhood education program; summarize responsibilities of early childhood education professionals; explore early childhood curriculum models. This course may give the students transcribed credit in the Associate Degree Program for Early Childhood Education. Blackhawk Technical College requires 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.

EARLY CHILDHOOD EDUCATION 1 (G0333)

0.5 credit

Grades: 11, 12

Pathway: 15**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. Course competencies include: integrate strategies that support diversity, cultural responsiveness, and anti-bias perspectives; examine governmental regulations and professional standards as they apply to health, safety, and nutrition; plan a safe early childhood environment; plan a healthy early childhood environment; plan nutritionally sound menus; examine child abuse and neglect issues and mandates; apply Sudden Infant Death Syndrome (SIDS) risk reduction strategies, describe strategies to prevent the occurrence of Shaken Baby Syndrome (SBS); incorporate health, safety, and nutrition concepts into the children's curriculum. Students will gain 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 child care 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).

EARLY CHILDHOOD EDUCATION 2 (G0343)**0.5 credit****Grades: 11, 12****Pathway: 15****Prerequisite: ECE 1****Special Note: Transcribed Credits with Blackhawk Technical College, grade C or better**

Content: Students analyze preK-12 education in the United States, determine 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. Course competencies include: integrate strategies that support diversity, cultural responsiveness, and anti-bias perspectives; analyze techniques for and effects of strong relationship-building with children and families; identify positive and proactive guidance principles and techniques to support children; analyze environmental influences on child behavior; identify strategies that support children's active engagement in the learning environment; identify strategies that proactively teach emotional literacy and regulation techniques; identify strategies that proactively teach friendship skills; identify strategies that proactively teach children calming, relaxation, and problem-solving techniques; utilize observation and assessment techniques to assess and interpret behavior; create a behavior support plan based on a functional behavior assessment; create a guidance philosophy. At the end of the course, students may be eligible to receive a certificate that qualifies them to work as a lead teacher in a child care facility. This course is also preparatory for working as an instructional aide or paraprofessional in a public education setting. This course may give the students transcribed credit in the Associate Degree Program for Early Childhood Education. Blackhawk Technical College requires 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).

EARLY CHILDHOOD EDUCATION 3 & HEALTH CARE (G0444)**1.0 credit****Grade: 12****Pathways: 15, 18****Prerequisite: ECE 2 or Health Careers****Co-requisite: Early Childhood Education Internship or Healthcare Internship****Special Note: Transcribed Credits with Blackhawk Technical College, grade C or better**

Content: In this course you will study infant and toddler development as it applies to an early childhood education setting. Course competencies include: integrate strategies that support diversity, cultural responsiveness, and anti-bias perspectives; analyze development of infants and toddlers (conception to thirty-six months); correlate prenatal and postnatal conditions with development; summarize child development theories; analyze the role of heredity and the environment; examine culturally and developmentally appropriate environments for infants and toddlers, examine the role of brain development in early learning (conception

through thirty-six months); examine caregiving routines as curriculum; and examine developmental and environmental assessment strategies for infants and toddlers. This is a course for seniors who have successfully completed the prerequisite course for an Internship placement and who are interested in pursuing a career in Child Care or Health 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, Workability, and/or Child Care Teacher certificate(s) issued by the Wisconsin Department of Public Instruction (DPI). Contact the BMHS course instructor.

EARLY CHILDHOOD EDUCATION INTERNSHIP (WORK BASED LEARNING) (G045)

2.0 credits

Grade: 12

Pathway: 15

APPLICATIONS MUST BE SUBMITTED TO INSTRUCTOR FOR APPROVAL

Prerequisite: ECE Certification

Co-requisites: Early Childhood Education 3 & Health Care

Content: This course is designed for students who are interested in participating in an Internship work experience in child care. Students will be released from school to go to work at an approved work site. This will involve coursework related to the job, on-site job evaluation, and evaluations with the employer.

Medical Profession or Health Profession Courses

HEALTH CAREERS AND OCCUPATIONS (G0282)

0.5 credit

Grades: 10, 11, 12

Pathway: 18

Content: Students will investigate the more than 200 career opportunities in the health field, one of the fastest growing occupational areas. The course will study the requirements and training for each career in the following areas: Consumer Health, Community Health, Environmental Health, Accident Prevention, Mental/Emotional Health, and Health Related Issues.

Note: Students who plan to enroll in the Health Internship Program should take this as sophomores.

HEALTH CARE INTERNSHIP (WORK BASED LEARNING) (G0464)

2.0 Credits

Grade: 12

Pathway: 18

APPLICATIONS MUST BE SUBMITTED FOR INSTRUCTOR APPROVAL

Prerequisite: Health Careers

Co-requisite: Early Childhood Education 3 & Health Care

Content: This course is designed for students who are interested in participating in an Internship work experience in the Health Field. Students will be released from school to go to work in an approved work site. This will involve coursework related to the job, on-site job evaluation, and evaluations with the employer.

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	Pre-Requisites	Special Notes
	9	10	11	12			
JROTC LET 1 (N1000)	X	X	X	X	1.0		Pathway 25
JROTC LET 2 (N2000)		X	X	X	1.0	JROTC LET 1	Pathway 25
JROTC LET 3 (N3000)			X	X	1.0	JROTC LET 2	Pathway 25
JROTC LET 4 (N4000)				X	1.0	JROTC LET 3	Pathway 25

JROTC LET 1 (N1000)

1.0 credit

Grades: 9, 10, 11, 12

Pathway: 25

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

JROTC LET 2 (N2000)

1.0 credit

Grades: 10, 11, 12

Pathway: 25

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

Pathway: 25

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

Pathway: 25

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.

MATHEMATICS DEPARTMENT

Course Title	Enrollment Grades				Credit	Pre & Co-Requisites	Special Notes
	9	10	11	12			
Algebra 1 (C1050)	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	1.0	Algebra 1	
Pre-Calculus (C2000)		X	X	X	1.0	Algebra 2 and Geometry	
AP Calculus 1 (AB) (C2010)		X	X	X	1.0	Pre-Calculus	
AP Calculus 2 (BC) (C2015)		X	X	X	1.0	AP Calculus 1 (AB)	
Probability and Statistics (C1010)		X	X	X	1.0	Algebra 1	
AP Statistics (C1020)		X	X	X	1.5	Algebra 2	
Math For Technical Careers 1 (C1093)		X	X	X	1.0	Two Math courses	Dual Credit (Advanced Standing Credit w/ BTC)
Math For Technical Careers 2 (C1094)		X	X	X	1.0	Math for Technical Careers 1	

Classic Mathematical Courses

ALGEBRA 1 (C1050F)

1.0 credit

Grade: 9, 10, 11, 12

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: 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: 9, 10, 11, 12

Prerequisite: Algebra 1

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

ADVANCED PLACEMENT 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.

Fee: 100% of Advanced Placement exam fee.

Advanced Mathematical Courses

PRE-CALCULUS (C2000)

1.0 credit**Grades: 10, 11, 12****Prerequisite: Algebra 2 and Geometry** (Students intending to take Calculus must take this course the previous year).**Content:** Students will begin by further exploring polynomial, rational, exponential, and logarithmic functions. Students will then explore trigonometric, polar, and parametric functions, matrices, conic sections, and vectors. The applications leading to Calculus will be developed. The ability to connect mathematics with the outside world and the appropriate use of calculators are important components of this course. A graphing calculator is required.**ADVANCED PLACEMENT CALCULUS 1 (AB) (C2010)****1.0 credit****Grades: 10,11, 12****Prerequisite: 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. **Fee: 100% of Advanced Placement exam fee.****ADVANCED PLACEMENT 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. **Fee: 100% of Advanced Placement exam fee.**

Applied Mathematical Courses

MATHEMATICS FOR TECHNICAL CAREERS 1 (C1093)**1.0 credit****Grades: 10, 11, 12****Prerequisite: Successful completion of two math courses****Special Note: Advanced Standing Credits with Blackhawk Technical College, grade 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 syllabus will be the same as the Trades Math class offered at Blackhawk Technical College and the class will be articulated for credit at BTC. This course can be taken only after two credits of mathematics requirement for graduation has been fulfilled.

Objectives include; 1) performing arithmetic operation on whole numbers, 2) reading and locating coordinate points in rectangular coordinate systems by absolute and incremental methods, 3) performing arithmetic operations with fractions, 4) performing arithmetic operations with decimals, 5) using ratios and proportions to solve application problems, 6) solving percentage problems, 7) converting within and between US Customary and Metric Systems, 8) find taper angles and taper errors.

MATHEMATICS FOR TECHNICAL CAREERS 2 (C1094)**1.0 credit****Grades: 10, 11, 12**

Prerequisite: Mathematics for Technical Careers 1**Special Note: Transcribed Credits with Blackhawk Technical College, grade C or better**

Content: This course is a continuation of Mathematics for Technical Careers 1 and includes operations with signed numbers, the use of constants in the study of circles and regular geometric shapes and their dimensions as well as finding areas, volumes, and lateral surface areas of regular solids. An introduction to algebra, formulas and linear equation solutions, the use of trigonometry for solving right triangles and oblique triangles is included.

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 guide for more information). In addition to performing ensembles, we also offer Class Piano and AP Music Theory.

Course Title	Enrollment Grades				Credit	Pre & Co-Requisites	Special Notes
	9	10	11	12			
Men's Chorus (L0049)	X	X	X	X	1.0		Pathway 7 Option
Varsity Women's Choir (L0053)		X	X	X	2.0	Vocal Audition	Pathway 7 Option
Concert Choir (L0055)	X	X	X	X	2.0	Vocal Audition	Pathway 7 Option
String Ensemble (L0040)	X	X	X	X	1.0	Prior Experience or Placement Audition	Pathway 7 Option
Symphony Orchestra (L0042)		X	X	X	2.0	String Ensemble or Placement Audition	Pathway 7 Option
Concert Band (L0031)	X	X	X	X	2.0	Placement Audition	Pathway 7 Option
Wind Ensemble (L0035)		X	X	X	1.0	Placement Audition	Pathway 7 Option
Jazz Band 1 (L0037)		X	X	X	2.0	Placement Audition	Pathway 7 Option
Jazz Band 2 (L0038)	X	X	X	X	1.5	Placement Audition	One Semester Meets Before School Pathway 7 Option
Class Piano (L0062)	X	X	X	X	0.5		Pathway 7
Basic Music Theory (L0063)	X	X	X	X	0.5		Pathway 7
AP Music Theory (L0064)		X	X	X	1.5	Basic Music Theory	Pathway 7
Performing Arts (L1080)	X	X	X	X	0.5		Pathway 8
Advanced Acting (L1085)		X	X	X	0.5	Performing Arts	Pathway 8
Theatre Arts (L1090)		X	X	X	1.0	Performing Arts	Pathway 8
Theatre Crafts (L1095)			X	X	1.0	Performing Arts	Pathway 8

Vocal Music

MEN'S CHORUS (L0049)**1.0 credit****Grades: 9, 10, 11, 12 (Men)****Pathway: 7 Option**

Content: This course is designed for male students who are interested in participating in choir at the high school level. Special attention will be made to the changing male voice as well as beginning male vocal technique. Choral music from a variety of styles, time periods, and cultural traditions will be rehearsed and

performed. Students will be expected to participate in daily singing activities as well as participate in private voice lessons with the choir teacher. In addition to daily rehearsals, all students must attend required sectionals, concerts, and choir festivals often held outside of the school day. Students will be graded on ensemble contribution, formal assessment, performance, and a final at the end of each quarter.

VARSITY WOMEN'S CHOIR (L0053)

2.0 credits

Grades: 10, 11, 12 Women

Pathway: 7 Option

Prerequisite: Vocal audition

Content: This course is designed for 10-12th grade women 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 female 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, concerts, and choir festivals often held outside of the school day. Students will be graded on ensemble contribution, formal assessment, performance, and a final at the end of each quarter.

CONCERT CHOIR (L0055)

2.0 credits

Grades: 9, 10, 11, 12 Men and Women

Pathway: 7 Option

Prerequisite: Vocal audition

Content: Concert Choir is an auditioned performance ensemble of 40-50 men and women 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, Men's Chorus, or Varsity Women's Choir, but auditions from students not previously enrolled in choir are encouraged. Lessons in music theory and daily singing activities will be focused on training the male and female voices of the ensemble as well as broadening one's understanding of music. In addition to daily rehearsals, all students must attend required sectionals, concerts, and choir festivals often held outside of the school day. In addition to these commitments, members of Concert Choir will be responsible for participating in caroling and singing events at school sporting events and throughout the community. 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

Pathway: 7 Option

Prerequisite: Experience in Orchestra at the intermediate school level.

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

Pathway: 7 Option

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

Pathway: 7 Option

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

Pathway: 7 Option

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.**

JAZZ BAND 1 (L0037)

2.0 credits

Grades: 10,11,12

Pathway: 7 Option

JAZZ BAND 2 (L0038)

1.5 credits

Grades: 9, 10, 11, 12

Pathway 7 Option

Special Notes: One Semester May Meet Before School

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

Content: The purpose of this course is to develop musical independence through knowledge of styles and performance 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

Pathway: 7

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

Pathway: 7

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 MUSIC THEORY (L0064)

1.5 credit

Grades: 10, 11, 12

Pathway 7

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. **Fee: 100% of Advanced Placement exam fee.**

Theatre Arts

PERFORMING ARTS (L1080)

0.5 credit

Grades: 9, 10, 11, 12

Pathway: 8

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

Pathway: 8

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

Pathway: 8

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

Pathway: 8

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.

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 a Physical Education 9 or a 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:
 - General Physical Education
 - Individual and Dual Activities
 - Team Activities
 - Lifetime Wellness
 - Lifeguard & Safety Certifications
 - Strength & Conditioning

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

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

Course Title	Enrollment Grades				Credit	Pre & Co-Requisites	Special Notes
	9	10	11	12			
General Physical Education (J0040)		X	X	X	0.5		
Individual and Dual Activities (J0042)		X	X	X	0.5	PE 9 or General PE	
Unified Physical Education (J0059)		X	X	X	0.5	PE 9 or General PE	
Team Activities (J0044)		X	X	X	0.5	PE 9 or General PE	
Lifetime Wellness (J0046)		X	X	X	0.5	PE 9 or General PE	
Strength & Conditioning (J0058)		X	X	X	0.5	PE 9 or General PE	
Lifeguard & Safety Certification (J0048)		X	X	X	0.5	PE 9 or General PE and at least 15 years old by end of first semester and approval by instructor	
High School Officiating (J0052)			X	X	0.5	Successful completion of 1.5 PE credits	
Health (J0055)		X	X	X	0.5		Required for graduation
Advanced Health and Wellness (J0056)			X	X	0.5	Health	Pathway 16
Outdoor Adventure (J0050)				X	0.5	Successful completion of 1.5 PE credits and ability to swim	Pathway 24

Physical Education Courses

GENERAL PHYSICAL EDUCATION (J0040)

0.5 credit

Grades: 10, 11, 12

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

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 (J)

0.5 credit

Grades: 10, 11, 12

Prerequisite: Physical Education 9 or General Physical Education

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

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

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.

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

OUTDOOR ADVENTURE (J0050)

0.5 credit

Grades: 12

Pathway: 24

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: \$78.00 (\$43.00 - Class Materials, \$35.00 – 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. Students can leave this class as a WIAA certified official.

Fee: \$10.00 – Class Materials

Health Courses

HEALTH (J0055)

0.5 credit

Grades: 9 (Required), Transfer students 10, 11, 12

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

Pathway: 17

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 re-certification for American Red Cross Adult CPR and First Aid training. Students will be required to spend several hours beyond class time on independent/group research.

SCIENCE DEPARTMENT

Graduation Requirements: 3 credits of science is required: 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.

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.

Course Title	Enrollment Grades				Credit	Pre & Co-Requisites	Special Notes
	9	10	11	12			
Physical Science 9 (E1010)	X	*	*	*			Required for Graduation
General Biology (E2022)		X	*	*	1.0	Physical or Accel. Phys. Sci	Required for Graduation Pathways 19,30
Earth Series: The Physical World (E1200)		X	X	X	0.5	Physical or Accel. Phys. Sci	Pathway 24
Earth Series: Water, Weather, & Climate (E1202)		X	X	X	0.5	Physical or Accel. Phys. Sci	Pathway 24
Environmental Science (E1203)			X	X	0.5	General Biology AND Water, Weather & Climate	Pathway 24
Chemistry in The Community (ChemCom) (E3012)		X	X	X	1.0	Physical or Accel. Phys. Sci AND Algebra 1	Pathways 18, 29
General Chemistry (E3011)		X	X	X	1.0	Physical or Accel. Phys. Sci AND Algebra 1	Pathways 18, 19, 29
Conceptual Physics (E3013)		X	X	X	1.0	Physical or Accel. Phys. Sci AND Algebra 1	Pathways 23, 29
Anatomy and Physiology (E3020)			X	X	1.0	General Biology	Pathways 18, 30
Introduction to Forensic Science (E2026)			X	X	0.5	1 Physical and 1 Biological	Pathway 26
Microbiology (E2023)			X	X	1.0	General Biology	Dual Credit (Transcripted Credit w/ BTC) Pathways 18, 19, 30
Introduction to Biotechnology (E2025)			X	X	1.0	General Chemistry	Pathways 19, 30
AP Physics 1 (E4030)			X	X	1.0	Conceptual Physics and Algebra 2	Pathways 23, 29
AP Chemistry (E4012)			X	X	1.5	Chemistry and Algebra 2	Pathways 18, 29
AP Biology (E4020)			X	X	1.5	1 Biological Credit	Pathways 18, 19, 30
AP Environmental Science (E4024)			X	X	1.5		Pathway 24
Welly Internship (E5024)				X	2.0	Application/Interview	Pathway 24 All Science credits must be completed for application

Food Science (E0383)		X	X	X	0.5	Physical or Accel. Phys. Science	Pathways 5, 29
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Earth Science Courses

EARTH SERIES: THE PHYSICAL WORLD (E1200)

0.5 credit

Grades: 10, 11, 12

Pathway: 24

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

Pathway: 24

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

Pathway: 24

Prerequisite: General Biology and Water, Weather & Climate

Recommended: The Physical World is STRONGLY recommended to be taken prior to or concurrently with Environmental Science.

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, 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 ENVIRONMENTAL SCIENCE (E4024)

1.5 credits

Grades: 11, 12

Pathway: 24

Recommended: Water, Weather, and Climate and/or Environmental Science is STRONGLY recommended to be taken prior to taking AP Environmental Science.

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.

Fee: 100% of Advanced Placement exam fee

WELTY INTERNSHIP (E5024)

2.0 credits

Grades: 12

Pathway: 24

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.

Physical Science Courses

PHYSICAL SCIENCE 9 (E1010)

1.0 credit

Grade: 9

Special Note: Required for Graduation.

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

FOOD SCIENCE (E0383)

0.5 credit

Grades: 10, 11, 12

Prerequisite: Physical or Accelerated Physical Science

Pathways: 5, 29

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

Pathway: 18, 29

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 setup 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 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 this 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

Pathways: 18, 19, 29

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 CHEMISTRY (E4012)

1.5 credits

Grades 11, 12

Pathways: 18, 29

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.

Fee: 100% of Advanced Placement exam fee.

CONCEPTUAL PHYSICS (E3013)

1.0 credit

Grades: 10, 11, 12

Pathways: 23, 29

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 PHYSICS 1 (E4030)

1.0 credit

Grades: 11, 12

Pathways: 23, 29

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.

Fee: 100% of Advanced Placement exam fee

Biological Science Courses

GENERAL BIOLOGY (E2022)

1.0 credit

Grades: 10

Pathways: 19, 30

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.

ANATOMY AND PHYSIOLOGY (E3020)

1.0 credit

Grades: 11, 12

Pathways: 18, 30

Prerequisite: General Biology

Content: Human Anatomy and 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 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

Pathways: 18, 19, 30

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.

INTRODUCTION TO BIOTECHNOLOGY (E2025)

1.0 credit

Grades: 11, 12

Pathways: 19, 30

Prerequisite: General Chemistry

Biotechnology is a growing career field with multiple applications. Biotechnology is the exploration of biological processes for industrial and other purposes, especially the genetic manipulation of microorganisms for the production of antibiotics, hormones, etc. This lab skill course would introduce students to the techniques and knowledge necessary to gain the BACE (Biotechnician Assistant Credentialing Exam) certification.

INTRODUCTION TO FORENSIC SCIENCE (E2026)

0.5 credit

Grades: 11, 12

Pathway: 26

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.

ADVANCED PLACEMENT BIOLOGY (E4020)

1.5 credits

Grades: 11, 12

Pathways: 18, 19, 30

Prerequisite: 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.

Fee: 100% of Advanced Placement exam fee.

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	Pre-Requisites	Special Notes
	9	10	11	12			
Modern U.S. History (D1050)	X	*	*	*	1.0		*Required for Graduation
AP Human Geography (D6100)	X	X	X	X	1.0		Global/Biliteracy Elective
World History (D2010)		X	*	*	1.0		*1.0 Credit of World History Required for Graduation
History of the Holocaust & Genocide (D2015)		X	X	X	0.5		Global/Biliteracy Elective
American Minorities (D2026)		X	X	X	0.5		Global/Biliteracy Elective
African-American Studies (D2028)		X	X	X	0.5		Global/Biliteracy Elective
AP African-American Studies (D2029)		X	X	X	1.0		Global/Biliteracy Elective
Latino Studies (D2030)		X	X	X	0.5		Global/Biliteracy Elective
Economics (D2038)		X	X	X	0.5		
Women's History/Issues (D2046)		X	X	X	0.5		
AP U.S. History (D2100)		X	X	X	1.5		
AP World History Modern (D4200)		X	X	X	1.5		Global/Biliteracy Elective Can be taken to satisfy World History Graduation requirement
AP European History (D5100)			X	X	1.0		
Criminal Law (D3010)			X	X	0.5		Pathway 26
Current Events (D3020)		X	X	X	0.5		
Sociology (D3040)			X	X	0.5		Pathway 17
Psychology (D3030)			X	X	0.5		Pathway 15, 16, 17, 26
AP Psychology (D3100)			X	X	1.0		Pathway 16, 17, 26
American Democracy (D4010)				X	0.5		Required for Graduation
AP U.S. Government (D4100)				X	1.0		Can be used to satisfy American Democracy Graduation requirement

Social Studies Courses

MODERN U.S. HISTORY (D1050)

1.0 credit

Grade: 9*

Special Note: This class is 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

citizen by examining various perspectives within our multicultural democracy, and evaluate changes in the generations that came before. Students will make meaningful connections to their present day lives, while satisfying a graduation requirement. This course requires heavy student participation in reading, writing, and discussion. Lessons are differentiated and inclusive of all students. This course is a gateway to future Social Studies classes and sets the foundation for high school learning.

AMERICAN MINORITIES (D2026)

0.5 credit

Grades: 10, 11, 12

Special Note: Global/Biliteracy Elective

Content: The course examines the important roles that minorities have played in the development of the United States. The class also focuses on issues that minority groups face today. The groups studied include: African Americans, Hispanic Americans, 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 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.

Fee: 100% of Advanced Placement exam fee.

AMERICAN DEMOCRACY (D4010)

0.5 credit

Grade: 12

Special Note: Required for Graduation; AP Government can substitute for this requirement.

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 U.S. GOVERNMENT (D4100)

1.0 credit

Grade: 12

Special Note: This course may be substituted for American Democracy, a graduation requirement

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.

Fee: 100% of Advanced Placement exam fee.

World History Courses

WORLD HISTORY (D2010)

1 credit

Grade: 10

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 AFRICAN AMERICAN STUDIES (D2029)

1 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.

Fee: 100% of Advanced Placement exam fee.

ADVANCED PLACEMENT WORLD HISTORY MODERN (D4200)

1.5 credit

Grade: 10, 11, 12

Special Note: 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.

Fee: 100% of Advanced Placement exam fee.

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 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.

Fee: 100% of Advanced Placement exam fee.

ADVANCED PLACEMENT EUROPEAN HISTORY (D5100)

1.0 credit

Grade: 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 concludes 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.

Fee: 100% of Advanced Placement exam fee.

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

Pathway: 26

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

Pathway: 17

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

Pathway: 15, 16, 17, 26

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 PSYCHOLOGY (D3100)

1.0 credit

Grades 11, 12

Pathway: 16, 17, 26

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.

Fee: 100% of Advanced Placement exam fee.

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	Pre & Co-Requisites	Special Notes
	9	10	11	12			
Introduction to Automotive Technology	X	X	X	X	0.5		Pathway 22
Automotive Technology 1 (H0039)	X	X	X	X	1.0	Intro to Automotive Tech	Dual Credit (Advanced Standing w/ BTC) Pathway 22
Automotive Technology 2 (H0040)		X	X	X	1.0	Auto Tech 1	Pathway 22
Automotive Technology 3 (H0041)			X	X	2.0	Auto Tech 2	Pathway 22
IT Fundamentals (H4001)	X	X	X	X	0.5		Pathway 6
IT Network 1 (H4002)	X	X	X	X	1.0	IT Fundamentals	Pathway 6
IT Network 2 (H4004)		X	X	X	1.0	IT Network 1	Pathway 6
Construction 1 (H3005)	X	X	X	X	0.5		Pathway 20
Construction 2 (H3006)		X	X	X	1.0	Construction 1	Pathway 20
Construction 3 (H3012)		X	X	X	2.0	Construction 2	Pathway 20
Skilled Tradesman Internship (H3024)			X	X	2.0 or 4.0	Construction 3	Pathway 20, 21
Cabinetry 1 (H3035)	X	X	X	X	0.5		Pathway 21
Cabinetry 2 (H3030)		X	X	X	1.0	Cabinetry 1	Pathway 21
Cabinetry 3 (H3036)		X	X	X	1.0	Cabinetry 2	Pathway 21
Machining & CNC Operation 1 (H3033)	X	X	X	X	1.0	Algebra 1 (or concurrent enrollment)	Dual Credit (Advanced Standing w/ BTC) Pathway 28
Machining & CNC Operation 2 (H3028)		X	X	X	1.0	Machining 1	Pathway 28
Machining & CNC Operation 3 (H3040)		X	X	X	1.0	Machining 2	Pathway 28
Welding 1 (H3032)	X	X	X	X	0.5		Dual Credit (Transcripted w/ BTC) Pathway 27
Welding 2 (H3031)		X	X	X	1.0	Welding 1	Dual Credit (Transcripted w/ BTC) Pathway 27
Welding 3 (H3034)		X	X	X	1.0	Welding 2	Dual Credit (Transcripted w/ BTC) Pathway 27
Welding/Machining Internship (H3023)			X	X	2.0 or 4.0	Machining & CNC 2, Welding 2, and Intro to Engineering Design or Instructor approval	Pathway 27, 28
PLTW: Intro to Engineering Design (H1011)	X	X	X	X	1.0		Pathway 23
PLTW: Principles of Engineering (H1013)		X	X	X	1.0	PLTW Intro to Engineering	Pathway 23

Automotive Technology Courses

INTRODUCTION TO AUTOMOTIVE TECHNOLOGY (H0038)

0.5 credit

Grades: 9, 10, 11, 12

Pathway: 22

COURSE LOCATION: ECLIPSE CENTER

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

Pathway: 22

COURSE LOCATION: ECLIPSE CENTER

Special Note: Advanced Standing Credit with Blackhawk Technical College, Grade B or better

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

Pathway: 22

Prerequisite: Automotive Technology 1.

COURSE LOCATION: ECLIPSE CENTER

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 (H0041)

2.0 credits

Grades: 11, 12

Pathway: 22

Prerequisite: Automotive Technology 2

COURSE LOCATION: ECLIPSE CENTER

Content: The course consists of a combination of classroom instruction, computer-based learning activities and hands-on lab work. 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

Pathway: 6

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

Students may be responsible for purchasing projects made in class.

IT NETWORK 1 (H4002)

1.0 credit

Grades: 9, 10, 11, 12

Pathway: 6

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.

Students may be responsible for purchasing projects made in class.

IT NETWORK 2 (H4004)

1.0 credit

Grades: 10, 11, 12

Pathway: 6

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.

Students may be responsible for purchasing projects made in class.

Building Trades Courses

CONSTRUCTION 1 (H3005)

0.5 credit

Grades: 9, 10, 11, 12

Pathway: 20

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 to 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.

Students may be responsible for purchasing projects made in class.

CONSTRUCTION 2 (H3006)

1.0 credit

Grades: 10,11,12

Pathway: 20

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.

Students may be responsible for purchasing projects made in class.

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. **Students may be responsible for purchasing projects made in class.**

SKILLED TRADES INTERNSHIP (H3024)

2.0 – 4.0 credits

Grades: 11, 12

Pathway: 20, 21

Prerequisite: Construction 3 or Instructor Approval

Content: The Skilled Tradesman Internship 350 course will be a yearlong course in which the students will actively seek employment working for an area business in the building trade's field. Students in this course will learn how to create a resume, apply for a job, and perform a job interview. After accepting a position, students will work side by side with professionals in the construction or cabinetry profession. Students will get on the job training in the position and eventually will be expected to produce high quality products with satisfactory precision for retail sales. Students will be assessed by their ability to be hired into an industry position and how well they perform their duties in the workplace on a daily basis for the year.

CABINETRY 1 (H3035)

0.5 credit

Grades: 9,10,11,12

Pathway: 21

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

Pathway: 21**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****Pathway: 21****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 the 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****Pathway: 28****Co-requisite: Previous Completion or Concurrent Enrollment in Algebra 1****Special Note: Advanced Standing Credit with Blackhawk Technical College, Grade B or better**

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****Pathway: 28****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****Pathway: 28****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

Pathway: 27

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

Pathway: 27

Pre-requisites: Welding 1

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

Pathway: 27

Prerequisites: Welding 2

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

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 the flat position on carbon steel. 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.**

WELDING/MACHINING INTERNSHIP (H3023)

2.0 or 4.0 credits

Grades: 11, 12

Pathway: 27, 28

Prerequisite: Introduction to Engineering Design and Machining 2, and Welding 2 or Instructor Approval

Content: Seniors work an average of 15 hours per week in the Welding / Machining field while earning at least the minimum wage and must remain in the program one full school year. Students may be released during the

school day or work after school. Supervision and evaluation is a shared responsibility of the instructor and the employer. Recommendation by the instructor is required and acceptance into the program is through an interview process by the employee.

Project Lead the Way Courses

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

1.0 credit

Grades: 9, 10, 11, 12

Pathway: 23

Content: This course teaches problem-solving skills using a design development process. Models of product solutions are created, analyzed and communicated using solid modeling computer design software. Along the way, students will learn basic drafting and Computer Aided Drafting (CAD) skills. **Students may be responsible for purchasing projects made in class.**

PLTW: PRINCIPLES OF ENGINEERING (POE) (H1013)

1.0 credit

Grades: 10, 11, 12

Pathway: 23

Prerequisite: PLTW INTRODUCTION TO ENGINEERING

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. **Students may be responsible for purchasing projects made in class.**

WORLD LANGUAGE DEPARTMENT

Being bilingual is a benefit for any career pathway students choose. World Language classes help students to become global citizens; employers want workers who interact and communicate in culturally appropriate ways. Many colleges and universities require at least two credits of one language other than English in order to enroll. BMHS offers French, Spanish and Spanish Language Arts (DLI) classes, including AP Spanish and French. Students in **any academy** can take French and Spanish classes. We celebrate students' bilingualism and biliteracy by offering the opportunity to earn **up to 26 free college credits** (CAPP program through UW Oshkosh/AP exams), the **Global Scholar Award**, and/or the **Seal of Biliteracy**.

Course Sequences

French	Spanish	Spanish Language Arts (SLA/DLI)
1	1	1 - Introduction to High School Spanish Language Arts
2	2	2 - Intermediate High School Spanish Language Arts
3	3	3 - Advanced High School Spanish Language Arts
4	4 (Free UW Oshkosh College Credits - Spanish 204)	4 (Free UW Oshkosh College Credits - Spanish 204)
AP French Lang. & Cult.	AP Spanish Lang. & Cult.	AP Spanish Lang. & Cult. (Free UW College Credits - 312)
	AP Spanish Lit. & Cult.	AP Spanish Lit. & Cult.

Course Title	Enrollment Grades				Credit	Pre & Co-Requisites	Special Notes
	9	10	11	12			
French 1 (K1010)	X	X	X	X	1.0		Pathway 13
French 2 (K1012)	X	X	X	X	1.0	French 1	Pathway 13
French 3 (K1014)		X	X	X	1.0	French 2	Pathway 13
French 4 (K1016)		X	X	X	1.0	French 3	Pathway 13
AP French Language & Culture (K1018)			X	X	1.0	French 4	Pathway 13
Spanish 1 (K1040)	X	X	X	X	1.0		Pathway 11
Spanish 2 (K1042)	X	X	X	X	1.0	Spanish 1	Pathway 11
Spanish 3 (K1046)	X	X	X	X	1.0	Spanish 2	Pathway 11
Spanish 4 (K1050) (K1050D)		X	X	X	1.0	Spanish 3 or SLA 3	Pathway 11 Dual Credit (CAPP credit w/ UWO)
AP Spanish Language & Culture (K1052)		X	X	X	1.0	Spanish 4 or Advanced Spanish Language Arts 3	Pathway 11, 12 Dual Credit (CAPP credit w/ UWO)
AP Spanish Literature & Culture (K1054)		X	X	X	1.0	AP Spanish Language & Cultures, Spanish 4, Spanish for Spanish Speakers 3, or Instructor approval	Pathway 11, 12
Introduction to Spanish Language Arts 1 (K1041)	X	X	X	X	1.0	Speaks Spanish consistently at home as first language / DLI	Pathway 12
Intermediate Spanish Language Arts 2 (K1043)	X	X	X	X	1.0	SLA 1	Pathway 12
Advanced Spanish Language Arts 3 (K1044)		X	X	X	1.0	SLA 2	Pathway 12
World Languages Refresher (K1053)	X	X	X	X	0	Spanish 2, or SLA 1	

French Language Courses

FRENCH 1 (K1010)

1.0 credit

Grades: 9, 10, 11, 12

Pathway: 13

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

Pathway: 13

Prerequisite: French 1

Content: This course continues the work of French 1 with an increasing emphasis on writing and speaking. Students will journal 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

Pathway: 13

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

Pathway: 13

Prerequisite: French 3

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

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 folklore tales. Students will research French speaking African countries and view some classic French films. Daily use of technology is integrated for formative assessment. This course helps students communicate at the intermediate and advanced levels.

ADVANCED PLACEMENT FRENCH LANGUAGE & CULTURES (K1018)

1.0 credit

Grades: 11, 12

Pathway: 13

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. There may be a fee for the AP exam.**

Spanish Language Courses

SPANISH 1 (K1040)

1.0 credit

Grades: 9, 10, 11, 12

Pathway: 11

Content: Students will be actively involved in a variety of listening, speaking, reading, and writing exercises in Spanish. Activities are designed based on national standards. Students will learn about communication in Spanish, cultures that use Spanish, connections to other disciplines, comparisons with their own experiences, and how the target language relates to our community. Students are assessed on their accuracy and fluency using basic language skills to communicate at the novice level for traditional tests, projects and presentations that are performance based.

SPANISH 2 (K1042)

1.0 credit

Grades: 9, 10, 11, 12

Pathway: 11

Prerequisite: Spanish 1

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

SPANISH 3 (K1046)

1.0 credit

Grades: 9, 10, 11, 12

Pathway: 11

Prerequisite: Spanish 2

Content: This intermediate class encourages students to use Spanish as much as possible since the class is conducted 75% in Spanish. This course is aligned with the national standards. This course focuses on improving students' fluency in communication through grammar study and comprehensible input. 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 language skills interpersonal, interpretive and presentational communication.

SPANISH 4 (K1050)

1.0 credit

Grades: 10, 11, 12

Pathway: 11

Prerequisite: Spanish 3 or Advanced Spanish Language Arts 3

Special Note: Transcribed 5.0 – 16.0 college credits through CAPP program UW Oshkosh

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

ADVANCED PLACEMENT SPANISH LITERATURE & CULTURES (K1054)

1.0 credit

Grade: 10, 11, 12

Pathway: 11, 12

Prerequisite: AP Spanish Language & Cultures, Spanish 4, or by teacher recommendation

Content: This NEW course introduces students to the study of Latin American, Chicano and Spanish Peninsular literature and cultures. The course will expose students to short stories, novels, plays and poetry from the official *AP Spanish Literature and Culture Reading List*. Students will develop critical reading and analytical writing skills as well as their ability to make interdisciplinary connections. Literary texts are grouped by six broad themes including gender, relationships, duality and identity. Students will discuss major literary works and their historical, socio-cultural and geopolitical contexts in a variety of interactive oral and written formats. Additionally, students will analyze themes and features of artistic representations, audiovisual materials and audio sources in Spanish related to course content. Students will have the option of taking the AP Spanish Literature and Cultures Exam (offered each year in May). The class will be conducted entirely in Spanish.

Contenido: Esta NUEVA clase es una introducción al estudio de la literatura y las culturas latinoamericanas, chicanas y españolas. La clase se basa en un estudio del cuento, la novela, en obras de teatro y en la poesía de la lista oficial de AP. Los estudiantes desarrollarán habilidades de lectura crítica y escritura analítica, así como su capacidad para hacer conexiones interdisciplinarias. Los textos literarios están agrupados por seis temas generales que incluyen el género, las relaciones interpersonales, la dualidad del ser y la identidad. Se discutirán obras literarias y sus contextos históricos, socioculturales y geopolíticos en una variedad de formatos interactivos. Además, los estudiantes analizarán temas y características de representaciones artísticas, de materiales audiovisuales y en fuentes de audio relacionadas con el contenido del curso. Los estudiantes tendrán la opción de tomar el Examen AP (ofrecido cada año en mayo). La clase se realizará completamente en español.

ADVANCED PLACEMENT SPANISH LANGUAGE & CULTURES (K1052)

1.0 credit

Grade: 10, 11, 12

Pathway: 11, 12

Prerequisite: Spanish 4

Special Note: Transcribed 5.0 – 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 high levels of accuracy and fluency. Mastery of the indicative, imperative, and subjunctive moods is stressed, along with a comprehensive grammatical review and overview of social justice in history and cultures of the Spanish Speaking World. Students are expected to participate in discussions about current events in Spanish. Students use technology for practice, projects, and other performance tasks. Students are assessed on their accuracy and fluency using intermediate and advanced language skills interpersonal, interpretive and presentational communication.

In May the College Board offers examinations for the AP classes. Students who perform well on the exam may earn college credits. There may be a fee for the AP exam. College credit available with CAPP UW-Oshkosh just by passing the class.

WORLD LANGUAGE REFRESHER ACADEMIC LAB (K1053)

0 credit

Grade: 9, 10, 11, 12

Prerequisite: French 2, Spanish 2, SSSP1

Content: The World Language Refresher Academic Lab is an opportunity for students to practice their speaking and listening skills in Spanish or French. Culture and current events will be studied. It is appropriate for students whose first language is Spanish and for students who were in DLI in intermediate school. Students working to earn the Global Scholars (GEAC) Award and / or the Seal of Biliteracy will receive support and feedback in this course.

First Language Spanish & DLI Courses

INTRODUCTION TO HIGH SCHOOL SPANISH LANGUAGE ARTS 1 (SLA1) (K1041)

(ESPAÑOL PARA HISPANOHABLANTES 1)

1.0 credit

Grade: 9, 10, 11, 12

Pathway:

Content: This course is for students who speak Spanish as a first language and for students who have been in DLI Spanish in intermediate school. 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.

Esta clase (SSS1) es para los estudiantes que hablan español como lengua materna y para los estudiantes que han sido parte del programa DLI en español en la escuela intermedia. 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)

(ESPAÑOL PARA HISPANOHABLANTES 2)

1.0 credit

Grade: 9, 10, 11, 12

Pathway:

Prerequisite: Introductions to HS Spanish Language Arts 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.

La clase de español para hispanohablantes 2 (SSS2) 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 HIGH SCHOOL SPANISH LANGUAGE ARTS 3 (SLA3) (K1044)

(ESPAÑOL PARA HISPANOHABLANTES 3)

1.0 Credit

Grade: 10, 11,12

Pathway:

Prerequisite: Intermediate HS Spanish Language Arts 2 or teacher recommendation

Content: Advanced High School Spanish Language Arts 3 (SLA3) is an advanced class for students who speak Spanish as a first language. In this class, students will further increase their abilities to interpret, analyze and critique various texts. Students will perfect abilities in analyzing literature, discussing current world issues, writing formal essays and citing references in MLA format.

La clase de Español para hispanohablantes 3 (SSS3) es un curso avanzado para los estudiantes que hablan español como lengua materna o del programa de inmersión bilingüe y para los quienes han aprobado la clase de SSS2. En este curso, los estudiantes aumentarán aún más, sus habilidades de analizar la literatura, conversar de las noticias en el mundo actual, escribir ensayos formales y citar referencias con evidencia de los textos.

NON-DEPARTMENTAL COURSES

COLLEGE AND CAREER READINESS (B0009D)

0.5 credit

Alternate for Transfer Students who need Grade 9 Seminar Class

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.

SELECTED AP REVIEW (B0008)

0 credit

Grade: 9-12

Content: Any student enrolled in an AP course may enroll in a one semester AP Review class. This class will allow students time to review content for the national AP Exam.

ACADEMIC LAB (YY05AA, YY05AB, YY05AH)

0 credit

Grade 10-12

Content: Academic Lab is an enhanced study period. Lessons in career planning, grade checks, soft skills and positive behavior strategies occur weekly.

ELL LAB (B1140)

0 credit

Grade 10-12

Content: ELL Lab is offered to students who qualify as English learners. It replaces Academic Lab and supports learning of English learners. Placement is determined by ELL staff.

READING INTERVENTIONS (B00153, B00154, B00155, B00156, B0018, B0020, B00201)

1.0 credit

Grade 9-12

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

JOB SKILLS (JAG) (N1622J)

1.0 credit

Grade 9-12

Content: Jobs for America's Graduates (JAG) is designed to provide students with the support to thrive academically and develop employability skills. Students will learn and master the JAG competencies and participate in Career Association meetings in the JAG classroom setting. Students will also have the opportunity to participate in job shadows, business tours, college tours, and community service activities. Furthermore, this course will provide students with additional services including: academic assistance, study skills workshops, career guidance, resume and scholarship writing workshops, and college preparation. Whether students plan to enter the workforce, military, or attend post-secondary education, this course is designed to help them reach their career goals.