2024-25

BHS Program of Studies Proposed Changes Executive Summary

January 23, 2023

Blue text: New/additions Red text: Removed

*Grammar, punctuation, and stylistic changes highlighted in document for all content areas

COUNSELING			
Page(s)	Proposed Change	Rationale	
10	Modification of scheduling timeline for students	Goal is to support students by having schedules in hand for the following school year when they depart in June.	
 In April March, students receive the list of the courses they were recommendated. Final Tentative schedules for the coming school year will be available in June. Aspen during the summer Students will be permitted to make schedule changes prior to leaving for summer ARENA DAY To help facilitate the schedule change process for students at Bedford High School, the B Department hosts Arena Day at the end of August prior to the start of school. This pristudents to begin school with a complete schedule they are comfortable with to ful requirements. 		g school year will be available in June. are posted in	
		gust prior to the start of school. This process enables	
10	Modify level change request process	Remove barriers for students to stretch themselves	
	LEVEL CHANGE REQUEST PROCESS Teachers make course placement recommendations based upon their knowledge of the student's achievement, academic strength, and motivation. On occasion, when aspirations of students and caregivers conflict with the professional recommendations of the teachers, there is a process for appealing the teacher's recommendation. In these cases, students are encouraged to have conversations first with their teacher and then school counselor about potentially overriding these recommendations. In addition, Caregivers are encouraged to first have a conversation with the recommending teacher first before initiating this process.		
	 The steps for students and/or parents/guardians to request a level change are as follows: 1. Obtain a Complete a "Level Change/Appeal Request Form" which is available in either the middle or high school counseling office or print from the <u>BHS Counseling web page</u>. The form asks for both student and parent/guardian to state reasons for requesting the change. 2. Complete and submit the form to the BHS office for the appropriate Program Administrator by March 24th 22, 2024. 3. The appropriate Program Administrator will review the request and will contact the parent/guardian by phone or email regarding the decision. Requests submitted after March 24th 22, 2024 will be considered on a space available basis in addition to the standard review process. 		

	A	NC
Page(s)	Proposed Change	Rationale
14	Introduce Mentoring program	Facilitate leadership opportunities for upperclassmen and continue to improve upon collaboration within school community
	studies, or science classrooms under the guidance small groups and on a one-to-one basis. Mentors a assist class members in attaining academic success by the teacher. Mentors will also attend an orienta Mentors are also expected to attend several other selective and limited to 2 to 6 mentors per academ	Course #???? unity to mentor freshman students in an English, math, social of the classroom teachers. Mentors work with students in re expected to demonstrate behaviors and skills which will . In addition, mentors must complete coursework as directed tion training session before the start of the school year. meetings throughout the year. Participation in this course is nic class. Students interested must complete the application erview with the subject matter Program Administrator. Grades
	A	RT
Page(s)	Proposed Change	Rationale
18-19, 20	Remove Photography and Photo Intern courses	Students enrolling in manipulative courses - ceramics & sculpture, plans to develop a more robust digital art program which is more relevant and cost-effective
	PHOTOGRAPHY I (Minor) College Prep Course #7043 Prerequisite: None This course is designed to help you to become a more thoughtful, creative, and visually aware photographer, no matter what kind of camera you use at any given moment. The photographic processes of 35mm camera operation, black and white film development and printing, and compositional design are applied to creative projects in areas including: the development of semi-abstract images, descriptive and interpretive visual essays, environmental studies, and portraiture. Creative expression and exploration of personal interests through the medium of photography is stressed, but success in this course also requires the ability to develop disciplined work habits to master technical material. Students will engage in a variety of visual problem solving. PHOTOGRAPHY II (Minor) College Prep Course #7053 (Major) College Prep Course #7054 Prerequisite: Photography I This advanced course challenges students to build upon the technical and expressive skills achieved in Photography I. Students will explore experimental and alternative approaches and materials, and will also expand their competence with traditional photography, montage, and the analysis and exploration of photography, close up photography, montage, and the analysis and exploration of photography, such as svisual artwork for the yearbook, school newspaper, and special	

	PHOTOGRAPHY III (Minor)	College Prep	Course #7063
	(Major) Prerequisite: Photography II This advanced course challenges stud Photography II. While the teacher will- active role in the shaping of their project to discover connections between photographic study of the study	College Prep Lents to build upon the technical and provide specific assignments, students w ts and explorations. The course will be str bgraphy and other media and disciplines graphic imagery in conjunction with other sion, perspectival vs. atmospheric spa rs of landscape photography to the discipling College Prep (Pass/Fail) ptography I, or program director appro- tern will assist the classroom teacher by ker interns will be responsible for the ongoi rns will be responsible for recycling clay, nsible for mixing chemicals, cleaning and	ill also be expected to take an uctured to encourage students , the in depth exploration of a r types of research. Topics will ce, case studies of selected nes of geography and history. Course #7011 eval eeping supplies and equipment ng organization, cleaning and organizing glazes and cleaning
		oing simple camera tests, and testing-	
		ENGLISH	
Page(s)	Proposed Change	Rationale	
28	Modify English IV: African-America	an Reflect current curricul	lum in course
	ENGLISH IV: AFRICAN-AMERICAN LITERATURE Unleveled Course #0430 The focus of this course is on the development of black writing in America, from the colonial to the contemporary. The readings, both fiction and nonfiction, cover a panoply of experiences—from slavery to the riches of the Harlem Renaissance, and from the struggles against institutional racism, to the fight for civil rights. The course will close with African-American contributions to contemporary life and literature. Sample texts and excerpts include Between the World and Me, Binti, and Things Fall Apart. Narrative of the Life of Frederick Douglass, I Know Why the Caged Bird Sings, and Friday Night Lights.		
28	Modify English IV: Asian-American Literature course description	n Reflect current curricul	lum in course
	ENGLISH IV: ASIAN-AMERICAN LITERATURE Unleveled Course #0440 Drawing from works such as Bill Moyer's Becoming American: The Chinese Experience, Helen Zia's Asian American Dreams, the fiction and nonfiction collection Growing Up Asian American, and Gene Luen Yang's graphic novel American Born Chinese Drawing from works such as Tracy Chee's We are Not Free, Gene Luen Yang's American Born Chinese, and Robin Ha's Almost American Girl, as well has an assortment of documentaries, feature films, and online resources, students will examine the Asian-American experience and investigate their impact on America and, conversely, the impact life in America has had on them. Students are encouraged to bring in their own families' immigration stories to compare with those explored in the class curriculum. Guest speakers and field trips will also be important aspects of the course. One of the goals of the class is to supplement the existing curriculum taught in American Perspectives and American History.		
		MATH	

34	Remove Continuing Algebra II/Pre-Calculus course	Final phase as part of plan to remo continuing math course track. All c continuing courses were previous	other
	CONTINUING ALGEBRA II/ PRE-CALCULUS Prerequisite: Teacher recommendation This course is the third course in the Continuing se Introduction to Algebra II portion of the previous cour Following the review, students explore powers, re polynomials and polynomial functions, rational funct conclude the year with a study of trigonometry inclu- of Sines and Cosines, graphing and identitiesThis cour-	i rse, including quadratic equations, relation i ots, and radicals, exponential and logari itions, conic sections, sequences and serio iding right triangle trigonometry, inverse tr	i s, and functions. thmic functions, es. Students will
35	Modify Geometry course descriptions	Reflect current curriculum in cours	e
	GEOMETRYCollege PrepCourse #2Prerequisite: Teacher recommendationAligned to the Common Core State Standards, our Geometry course covers the fundamentals of Eucli Geometry including constructions, transformations, congruence, similarity, right triangle trigonometry, ci geometric measurement and dimension, and coordinate Geometry. Greater emphasis is placed on applica of properties than on formal geometric proofs; however, students are expected to develop a basic begin understanding of deductive reasoning. that supports a given conjecture. This majority 10th grade co incorporates MCAS-style practice throughout the year and students take a formal MCAS practice test.GEOMETRYHonorsCourse #2Prerequisite: Teacher recommendationAligned to the Common Core State Standards, our Geometry course covers the fundamentals of Eucli Geometry including constructions, transformations, congruence, similarity, right triangle trigonometry, ci geometric measurement and dimension, and coordinate Geometry course covers the fundamentals of Eucli Geometry including constructions, transformations, congruence, similarity, right triangle trigonometry, ci geometric measurement and dimension, and coordinate Geometry. Two-column geometric proofs of theo are embedded in each some units of study, and proofs are "fill in," meaning students will fill in the details of proof given a provided structure of some statements and reasons. Algebra skills and concepts are revise throughout the year where needed. Ninth graders taking Geometry have successfully completed a full- Algebra I course in middle school.		
	GEOMETRYHigh HonorsCourse #2205Prerequisite: Teacher recommendationAligned to the Common Core State Standards, our Geometry course covers the fundamentals of Euclidean Geometry including constructions, transformations, congruence, similarity, right triangle trigonometry, circles, geometric measurement and dimension, and coordinate Geometry. This is a proof-based course where students write formal, two-column proofs in the majority of units. Students will learn to write proofs "from scratch," 		
	OCCUPATIONAL	EDUCATION	
Page(s)	Proposed Change	Rationale	
38	Remove Hospitality course	Lack of interest in the course, has since 2019, DECA opportunities in	•
	HOSPITALITY & TOURISM Prerequisite: None	College Prep	- Course #6023

	<u>Course Description</u> : An introductory course providing an overview and scope of the travel/tourism and hospitality industries. With greater disposable income and more opportunities for business travel, people are traveling the globe in growing numbers. As a result, the hospitality and tourism industry is one of the fastest growing industries in the world. Students learn about key hospitality issues, the development and management		
	growing industries in the world. Students learn about key hospitality issues, the development and management of tourist locations, event planning, marketing, and environmental issues related to leisure and travel. Students learn about the four main sectors: Lodging, Food and Beverage, Transportation, Recreation/Entertainment. The course also examines some current and future trends in the field. Students are introduced to career opportunities and the employability skills needed to succeed in specific hospitality fields. No pre requisite required. Open to all levels and grades. This course will run every other year beginning in 2019 20. This course will not be running during the 2023-2024-2025 year.		
	FAMILY & CONSU	MER SCIENCE	
Page(s)	Proposed Change	Rationale	
40	Remove Fashion Design courses	Fashion did not run this year. Student interest shows a desire for an expanded foods program.	
	FASHION DESIGN I Prerequisite: None	Unleveled Course #6702	
	This course covers elements and principles of design, history of fashion, and fabric, textiles, and adornments in fashion. Students are introduced to the principles of textiles and caring for clothing. Throughout the course students will complete three to four projects.		
		Unleveled Course #6712 who is interested in the Fashion and Interior Design Industry. of design, influences of fashion trends, marketing techniques,	
40-41	Remove CASE/Preschool Internships	CASE not housed in schools and the Preschool Internship is now categorized as Lane Internship with the preschool move	
	CASE INTERNSHIP	Unleveled Course #6832	
	Prerequisite: Supervisor Approval and Early Childhood Education Through working in the CASE classroom, students observe children, plan activities, and learn the principles of child growth and development. Offered as a Pass/Fail class.		
		Unleveled Course #6843 and Education ents observe children, plan activities, and learn the principles at be able to provide his or her own transportation to the field	
	TECH EDU	CATION	
Page(s)	Proposed Change	Rationale	
42	Remove Drafting courses	Lower enrollments as students have gravitated towards the Tech. Ed. courses	
	DRAFTING TECHNOLOGY I	Unleveled Course #6110	

	The student will develop skills in visualization, m views, measurement and dimensioning, and the drawing will be done using drafting machines, of enable the student to interpret industrial drawing provides an excellent background for any studen construction.	proper use of drafting tools and GAD drawings and design. The acquings and reinforce concepts learned in the second se	equipment. At this level, isition of these skills will mathematics. This course	
	DRAFTING TECHNOLOGY II Prerequisite: Drafting Technology I Students will use research and development proc and architecture. Skills will be expanded to inclu recording ideas, visualizing probable form, evaluat	ude computer applications - CAD/C/	M/CNC and practice in	
	solutions. The first half of this course will focus on drawing and practices while the second half will focus on a introduction to Solid Modeling and Computer Aided Design. After learning basic CAD techniques, students wi design and develop part and assembly models and drawings common to the field in order to build actual workin assemblies.			
	DRAFTING TECHNOLOGY III Prerequisite: Drafting Technology I and II In this course, students will learn advanced Soli	Unleveled	Course #6130	
	beyond those developed in Drafting I and II. Stu commonly used in Mechanical Engineering. Study Motion Analyses and Design Studies in order to op engineer and build solutions for problems or opp community using equipment both internal and customers, they will experience opportunities simil	dents will design models, drawings, ents will also have the opportunity t stimize their designs. Finally, they ma portunities as presented by member lexternal to the school. By provi	and pictorial/renderings o perform Structural and ay have an opportunity to rs of the Bedford School iding solutions to these	
43	Remove Engineering course	Lower enrollments as stude towards the Tech. Ed. cours	•	
	ENGINEERING AND 3D MODELING Prerequisite: Basic knowledge of geometry Today's engineering is evolving and the skills need to develop skills that allow them to learn and pra are designed, made, analyzed, and communicate understanding of the engineering process from designing and creating working models that meet CAD, 3D Modeling, Simple and Complex Design, students with a big picture of the Engineering Students are expected to have a base knowledge o	ctice the process. There are radical o d. This course is designed for stude analyzing and interpreting engineer specific requirements and paramete and Computer Numeric Design skill process through development and	hanges in the way things nts wishing to pursue an ring design challenges to rs. Students will develop s. The goal is to provide	
	PERFORM			
Page(s)	Proposed Change	Rationale		
46	Introduce Percussion Specialty elective	Provide specialized instruct percussion section	tion for the	
	BAND: PERCUSSION SPECIALTY Prerequisite: Previous participation in the Band put This class would enable percussion students from t in a separate setting while mastering percussion pa with the teacher to learn snare drum rudiments an additional skills in auxiliary percussion. At home pro-	he BHS Band program (only) to learn arts for the Band ensemble. Students d rolls, timpani technique, mallet inst	will have focused time rument technique, and	

	evening concerts throughout the year. Concert participation is mandatory. Prior to each concert there will be a mandatory, evening rehearsal. Grades will be based upon rehearsal participation and behavior, concert and dress rehearsal attendance, and recording assignments.		
	SCIENC	E	
Page(s)	s) Proposed Change Rationale		
53	Remove Media component from Forensic Science course; Add College Prep level as an option for students	Media is no longer emphasized within the curriculum; High demand for the course and want to increase access	
	FORENSIC SCIENCE (Lab)/FORENSICS IN MEDIA Honors Course Prerequisite: Grade 12 and Teacher Recommendation Forensic science is a senior-level course rich in exploration and lab investigation which applies many discipt scientific study such as biology/anatomy, chemistry, and physics to solving crimes. The course examinapplication of science to those criminal and civil laws that are enforced by police agencies in a criminal system. Major topics include processing a crime scene, collecting and preserving evidence, identifying the physical evidence, organic and inorganic analysis of evidence, trace evidence, serology, DNA, finger firearms, anthropology, and document analysis. Students will analyze how forensics is presented in media outlets such as film and print, and explore how forensics science plays a role in our world. FORENSIC SCIENCE (Lab) College Prep Course Prerequisite: Grade 12 and Teacher Recommendation Forensic science is a senior-level course rich in exploration and lab investigation which applies many discipt scientific study such as biology/anatomy, chemistry, and physics to solving crimes. The course examinapplication of science to those criminal and civil laws that are enforced by police agencies in a criminal application of science to those criminal and civil laws that are enforced by police agencies in a criminal application of science to those criminal and civil laws that are enforced by police agencies in a criminal application of science to those criminal and civil laws that are enforced by police agencies in a criminal application of science to those criminal and civil laws that are enforced by police agencies in a criminal system. Major topics include processing a crime scene, collecting and preserving evidence, identifying thysical evidence, organic and inorganic analysis		
54	Modify Project Physics to Honors level	Initially designed to be an honors level course. Unleveled courses currently have low enrollment; students have shared a reluctance to sign up for unleveled electives. The honors level is more attractive to colleges and universities in transcripts, thereby benefiting our students in the application process.	
	PROJECT PHYSICS: THE WAY THINGS WORK (Lab)Unleveled Honors Course #3110		
	SOCIAL ST	UDIES	
Page(s)	Proposed Change	Rationale	
60	Modify Gender Studies to Honors & High Honors levels	Initially designed to be honors & high honors level courses. Unleveled courses currently have low enrollment; students have shared a reluctance to sign up for unleveled electives. The honors level is more attractive to colleges and universities in transcripts, thereby	

		benefiting our students in the application process.	
		Unleveled Honors/High Honors Course #1450	
	the study of the historical and contemporary roles women and men in different societies, and gender will address the nature vs. nurture debate, biologica This course emphasizes contemporary gender issue history using gender as a lens to analyze these issues independent reading outside of class, including su discussion, reflection, and analysis of many of the films, and other types of media. The course addres Students will be expected to complete a midterm be course, analyze it, write a paper, and deliver a present	e world, both past and present. Students will do this through of women in relation to men, the cultural expectations of as it relates to social class, diversity, and identity. The class al foundations of gender, and masculinity in America today. Is and students will evaluate events in American and world S. Students are expected to complete a significant amount of upplementary articles and books. The class is grounded in themes and ideas introduced explored in course readings, sses challenging and sensitive issues throughout the year. book study in which they will select a book that relates to the tation to the class. Students enrolled in High Honors should in dependent readings, should write at a college level, and in tests, quizzes, and projects.	
60	Introduce International Relations course	New course proposed based on student interest and teacher expertise	
	INTERNATIONAL RELATIONSHonors/High HonorsCourse #????/???The study of international politics and current issues facing world powers by first analyzing the history, origins, and evolution of the modern international system through a variety of theoretical and conceptual approaches and frameworks. These frameworks will be used to explore the global economy, international governance mechanisms, national foreign policies, security and conflict, and global problems. Students enrolled in High Honors should be capable of analyzing and evaluating additional independent readings, should write at a college level, and should be prepared for differentiated assessments on tests, quizzes, and projects.		
61	Modify Real World Social Studies to Honors level	Initially designed to be an honors level course. Unleveled courses currently have low enrollment; students have shared a reluctance to sign up for unleveled electives. The honors level is more attractive to colleges and universities in transcripts, thereby benefiting our students in the application process.	
	REAL WORLD SOCIAL STUDIES	UnleveledHonors Course #13101314	
61	Modify course description and add Advanced Placement course level	New description reflects both the potential for students to enroll in the course at the AP level and the curriculum covered.	
	AP U.S. GOVERNMENT AND POLITICS Upon completion of this course, students will have a and role of the American system of government. St established by the U.S. Constitution as well as the p	Honors Course #1704 Advanced Placement Course #1705 achieved a thorough understanding of the purpose, process, udies will emphasize the ideas and government framework olitical process within a representative democracy. Lessons	
	awareness of their rights and responsibilities a	iformed and active participants in society by developing an s American citizens and to exercise these rights and ent. Topics of study include the history of American political	

thought, the purpose and role of the executive, legislative, and judicial branches, as well as local, state, and national governments, political parties, interest groups, campaigns, and elections. foundations of American democracy, interactions among branches of government, civil liberties and civil rights, American political ideologies and beliefs, and political participation. Lessons challenge and encourage students to become informed and active participants in society by developing an awareness of their rights and responsibilities as American citizens and to exercise these rights and responsibilities at the local, state, and national levels. Content will be presented through analysis of written arguments, discussion of current issues and events, first-hand experiences, case studies, research, critical thinking, and decision making activities. Students will demonstrate their mastery of content through a variety of written and performance-based products. Students enrolled in the Advanced Placement level should be capable of analyzing and evaluating additional independent readings, should write at a college level, and should be prepared for differentiated assessments on tests, quizzes, and projects. This course is eligible for dual enrollment; see the Counseling section for additional information.