BRIDGEWATER - RARITAN REGIONAL HIGH SCHOOL

600 Garretson Road Bridgewater, NJ 08807

PROGRAM OF STUDIES 2020 - 2021





Bridgewater-Raritan Regional High School Scheduling Timeline 2020-2021

- BRMS 8th Grade Parent Scheduling Presentation: January 15, 2020
- BRMS 8th Grade Online Course (Electives only) Registration: February 3-9, 2020
- BRHS School Counselor Classroom Presentations in all English Classes:
 - o February 10th Junior English Classes
 - o February 12th Sophomore English Classes
 - o February 14th Freshman English Classes
- Current BRHS students Online Course Registration: February 14-23, 2020
- School Counselor (8th grade and High School) Registration meetings with students:
 February 24th March 27, 2020
- Changes to course requests will not be permitted after March 27, 2020
- AP/Honors
 - Students may pre-register for eligible AP/Honors courses provided they have met minimum grade eligibility requirements.
 - Students ineligible at the time of registration may modify their course requests upon completion of the course provided they have met the minimum grade requirement. The Grade Eligibility Form must be submitted to the High School Counseling Office by July 1, 2020. (ie. did not meet the minimum grade requirement at the time of counselor meeting).
 - Students not meeting minimum grade requirements may appeal based on extenuating circumstances beginning June 8, 2020 via an online appeal form. Appeals must be submitted by July 13, 2020. Appeals will not be accepted after this date.

Option II Deadlines:

- o Accelerated Credit application due by June 1, 2020
 - Registration for accelerated courses must be completed by July 3, 2020.
 - Accelerated courses must be completed by August 7, 2020.
 - Final exams must be taken during the week of August 3-7, 2020. Final exams will be administered during regular school hours and by appointment only with the Counseling Office.
- Additional Credit courses must be completed within nine (9) months of registration, and no later than June 8,
 2021.
- Credit Recovery application due no later than July 1, 2020
 - Registration must be completed by July 3, 2020.
 - Recovery course must be completed by August 7, 2020.
 - Final exams must be taken during the week of August 3-7, 2019. Final exams will be administered during regular school hours and by appointment only with the Counseling Office.
- Original Full Credit Physical Education
 - Full Credit PE courses may not start until September 1, 2019. This does not apply to Health, which follows the same guidelines as Additional Credit.
- Alternate Physical Education
 - Applications for Fall, Winter and full year sports are due by June 1, 2020.
 - Applications for Spring Semester are due by January 4, 2021
 - For High School sports:
 - Fall sports can be used as Alternate PE for MP 1
 - Winter sports can be used as Alternate PE for MP 2
 - Spring sports can be used as Alternate PE for MP 4
 - No high school sports can be used for MP 3

Updated: 11/22/2019



Bridgewater-Raritan Regional High School Scheduling Timeline 2020-2021

- Student schedules will be released via the Parent Portal in PowerSchool by mid-August. Counselors will be available to resolve schedule errors during the week of August 17-21, 2020. This includes class changes due to accelerated coursework and/or credit recovery. Students can submit a Google form which will be posted on the High School Website, to schedule an appointment for the following errors only:
 - a) The student does not have 35 credits in the schedule (excluding seniors)
 - b) Missing a graduation requirement (seniors only)
 - c) A class period with nothing assigned
 - d) Incorrect level (i.e. asked for honors course and received academic)
 - e) Missing core class
 - f) Multiple courses scheduled during the same period
 - g) No lunch
 - h) Special Education Program: Not in accordance with the Individualized Education Plan (IEP)
- Drop/Add Students are permitted to drop a semester course provided they maintain an overall total of 35 credits and have seven (7) courses scheduled each semester (seniors excluded).
 - Semester 1:
 - Students may drop/add Semester 1 courses until September 22, 2020. Courses dropped after this date will result in "W" on their transcript.
 - Students are permitted to add a Semester 1 course to fill a missing period in their schedule; however, students are not permitted to modify their schedule to accommodate the addition (i.e., moving a currently scheduled class to another period to enroll in a new course).
 - Students will be given drop/add priority as follows:
 - Seniors drop/add period begins on September 9th
 - Juniors on September 11th
 - Sophomores/Freshmen on September 13th
 - Semester 2:
 - Students may drop/add semester 2 courses until TBD. Courses dropped after this date will result in "W" on their transcript.
 - Students are permitted to add a semester 2 course to fill a missing period in his/her schedule; however, students are not permitted to modify schedule to accommodate the addition (i.e., moving a currently scheduled class to another period to enroll in a new course).
 - Students will be given drop/add priority as follows:
 - Seniors drop/add period begins on TBD
 - Juniors on TBD
 - Sophomores/Freshmen on TBD
 - Full year (20-21) courses:
 - Students may add a full year course by October 6, 2020
 - Students may drop a full year course on or around TBD. Withdrawals after this date will result in a "W" on their transcript.

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Graduation — Requirements

Graduation Requirements: High School

Diplomas shall be granted only to students who have completed the requirements for graduation as mandated by state law and administrative code established and approved by the Bridgewater-Raritan Board of Education. Those requirements include:

- The achievement of approved levels of proficiency in all courses necessary to satisfy graduation requirements.
- The student's compliance with the district's final examination requirements as stated in BOE Policy 2624.1, Mid-Year and Final Examinations: High School.
- The student's compliance with the district's attendance requirements as stated in BOE Regulation 5200, Attendance.
- The achievement of a passing score as indicated in the charts below (by graduating year) on any required New Jersey State assessment(s) or other designated, substitute assessment(s) approved by the New Jersey Department of Education (NJDOE).
 - Students who perform below statewide standards shall be provided with a comprehensive individualized assessment as specified in *N.J.A.C.* 6:8-3.4. On the basis of assessment students shall be provided with the services needed to remedy those identified deficiencies, which shall include but not be limited to the development and implementation of an individual student improvement plan.

For the Classes of 2021, and 2022:

1 Company of the second company of the secon	Berden on a conference School control of the process of the control of the contro
English Language Arts	Mathematics
NJSLA/PARCC ELA Grade 10≥ 750 (Level 4) or	NJSLA/PARCC Algebra I \geq 750 (Level 4) or
NJSLA/PARCC ELA Grade 9 ≥ 750 (Level 4) or	NJSLA/PARCC Geometry ≥ 725 (Level 3) or
NJSLA/PARCC ELA Grade $11 \ge 725$ (Level 3) or	NJSLA/PARCC Algebra II \geq 725 (Level 3) or
SAT Reading Test ≥ 22 or	SAT Math Test ≥ 22 or
SAT Evidence-Based Reading & Writing Section ≥ 450 or	SAT Math Section ≥ 440 or
ACT Reading or ACT PLAN Reading** ≥ 16 or	ACT or ACT PLAN Math** ≥ 16 or
Accuplacer Write Placer ≥ 6 or	Accuplacer Elementary Algebra ≥ 76 or
AI W-t- Discor EQUATION	Next-Generation ACCUPLACER Quantitative, Reasoning,
Accuplacer Write Placer ESL ≥ 4 <i>or</i> :	Algebra, and Statistics (QAS) ≥ 255
PSAT10 Reading or PSAT/NMSQT Reading ≥ 22 or	PSAT10 Math or PSAT/NMSQT Math ≥ 22 or
ACT Aspire Reading** \geq 422 or	ACT Aspire Math** ≥ 422 or
ASVAB-AFQT Composite ≥ 31 <i>or</i>	ASVAB-AFQT Composite ≥ 31 or
Meet the Criteria of the NJDOE Portfolio Appeal	Meet the Criteria of the NJDOE Portfolio Appeal

^{**}Test is no longer administered but can be used for the graduating year.

For the Classes of 2023 and beyond:

From NJDOE:

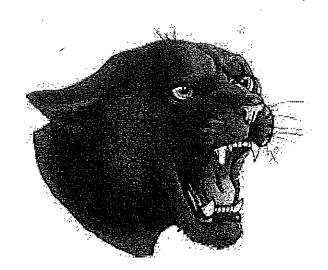
"The NJDOE is committed to providing fair notice to students and educators and will continue to collaborate with stakeholders to transition to the next generation of statewide assessments."

High School Credit and Course Requirements for Graduation

- A total of **120** credits are required for graduation, 90 of which must be earned at the high school level or through demonstration of proficiency as per Option II (see page 6).
- > Courses amounting to at least 35 credits must be taken by all 9th, 10th, and 11th grade students. For these three grade levels, a minimum of seven courses must be scheduled at all times.
- > 12th grade students are permitted to take the minimum number of credits needed for graduation. Students are required to take an English Language & Literature IV course and a Physical Education/Health IV course during their senior year.
- Successful completion of the following courses:
 - Four years (20 credits) of English Language & Literature (AP English Language & Composition and/or AP English Language & Literature included)
 - Three years (15 credits) of Social Studies; two years (10 credits) must be American History and one year (5 credits) must be World Civilizations
 - Three years (15 credits) of **Science** (5 credits must be in laboratory Biology and one additional laboratory/inquiry based science course in Chemistry, Physics, or Environmental Science)
 - Three years (15 credits) of Mathematics (must include Algebra I and Geometry)
 - One year (5 credits) in World Languages
 - One year (5 credits) in Visual and Performing Arts

Visual and Performing Arts Courses:

AP Art History	Cultural Ceramics	Select Treble Choir
AP Music Theory	Design	String Orchestra 9
AP Studio Art	Digital Fine Arts I	String Orchestra
Art History	Mixed Choir	Symphonic Band
Art I, III, IV (all levels)	Music Workshop	Symphonic Choir
Ceramics I, II, III, IV	Painting and Drawing	Symphony Orchestra
Concert Band	Sculpture	Wind Ensemble
Crafts I, II		



One year (5 credits) in 21st Century Life and Careers, or Career-Technical Education

21st Century Life and Career Courses:

Academic Internship Program	
	Family & Child I,
Accounting I, II	Family and Consumer Sciences
AP Computer Science A	Fashion & Creative Design
AP Computer Science Principles	Filming & Video Editing I, II, III, IV
AP Macroeconomics	Fundamentals of Automated Design
AP Microeconomics	Home & Interior Design
App Development	International Foods
Audio & Music Engineering	Introduction of Culinary Arts
Baking & Pastry Arts	Introduction to Business
Business & Criminal Law	Introduction to Electronics
Career Exploration and Awareness	International Business
CNC Production	Introduction to Computer Science
Computer Aided Design Tech. I, II	Introduction to Electronics
Computer Applications	Introduction to Marketing through Social Media
Computer Repair & Tech. Support I, II	Leadership & Philanthropy
Cooking Across America	Notetaking & Study Skills
Culinary Nutrition	Photo Editing & Web Design
Design & Sewing Techniques	Photo Editing for Business
Desktop Publishing & Multimedia	Programme for District
Presentations	Programming for Business
Early Childhood Education	Programming for Business II
Engineering Computer Graphics I,	Today's Living
Entrepreneurship & Business Management	Wood Design and Fabrication I, II, III
All Programs of Study at Somerse	t County Vocational Technical School

One-half year (2.5 credits) in Financial, Economic, Business, and Entrepreneurial Literacy

Accounting I	Financial Planning
AP Macroeconomics	Introduction to Business
AP Microeconomics	Related Instruction (Academic Internship)
Economics Today	Today's Living

- Technological Literacy integrated throughout the curriculum
- One credit year of Physical Education, Health and Safety for each year of enrollment.
- In some instances, as determined by the high school principal in consultation with the Superintendent, students may meet specific credit and curriculum requirements through *BOE Policy 5462, Option Two* (refer to page **6** for more information).

Requirements for Promotion

- > 30 credits are required for placement in grade 10
- > 60 credits are required for placement in grade 11
- > 90 credits are required for placement in grade 12

New Courses 2020-2021

Leadership & Philanthropy Credits: 2.5	
Grades 9, 10, 11, 12 This course will provide students with the opportunity to study the effect leadership skills to address problems with their community. Participants will be exposed to the and principles pf philanthropic work and the challenge of sustained service. There will be —ha real world philanthropy project will be developed during the course.	e concents
Entrepreneurship & Business Management	ng a mall
App Development	ed to
Introduction to Marketing through Social Media	uch topics
Computer Applications	isiness ne will he
Business & Criminal Law	orovide an nal law is placed id the

Baking & Pastry Arts...... Credits: 2.5 Grades 9, 10, 11, 12

Prerequisite - Introduction to Culinary Arts with a grade of A- or Better This course allows students to delve deeper into their exploration of the components of Baking & Pastry Arts developed in Introduction to Culinary Arts. Hands-on laboratory experiences will place a stronger emphasis on technique, creation, design, presentation, and analysis. Students will begin a more detailed exploration of ingredients used in baking and their function in producing a vast array of products. The focus will be placed on the importance of weights and measures along with recipe comprehension and interpretation. The foundational skills of communication, decision making, and teamwork will continue to be stressed while students more freely develop their own creative interest within the food industry.

CNC Production...... Credits: 2.5 Grades 9, 10, 11, 12 CNC technology has been widely used since the 1960's, mostly in either high production or high precision aerospace sectors. It was basic robotics with machines receiving instructions from tapes where each line of code was manually inserted by a programmer. This changed dramatically with the advent of small, powerful and relatively inexpensive computers in the 1980's. Since that time the lowering costs of computing power and the boom in programming has put CNC technology into nearly every facet of manufacturing and is now in the tool box of many home shops. It has gone from a mass production or highly specialized and very expensive tool to a ubiquitous presence in nearly all production operations for wood, metals & plastics. It has offered the world higher quality and accuracy at much less cost and continues to evolve. Unlike 3D printing which is an additive process CNC machining is subtractive in nature. As there are many materials that cannot be extruded in a printing process, this technology is here to stay and is complementary to 3D printing. It is a major tool for engineering prototyping and is even being used as an artistic tool. This course will give students a firm foundation in CNC routing, knowledge of which can be transferred to other types of CNC machining or cutting. We will be using the best and most widely used software package to explore and create objects or finished products. We will have access to a CNC router with tool changer which will allow students to transform digital images solid objects. This will be a great experience for students with a very wide array of interests and career goals.

Audio & Music Engineering....... Credits: 2.5 Grades 9, 10, 11, 12

This course introduces students to the principles of audio recording. Through guided activities, students will gain the skills to select and set up recording equipment, create multi-track recordings, apply effects, and use advanced mixing and recording techniques. Students will gain a fundamental understanding of necessary skills for the audio industry as well as audio post-production for video. The curriculum built on a foundation of music, audio content production, acoustics, fundamental engineering science, signal processing hardware and software, electronics, and software engineering.

2020 — 2021 Bridgewater-Raritan High School Sophomore Course List

Ų	Course #	Department (redits	Course #	Department	Credits	Course #	Department C	redits
		English			Physical Educat	ion		Mathematics Electiv	es
	HLA60599	Eng Lang & Lit II	5.0	HPE00104	Phys Ed 10 – 4	3.0	HMA50200	AP Computer Science A	5.0
	HLA10555	Eng Lang & Lit II – A	5.0	HPE00105	Phys Ed 10 - 5	4.0		AP Comp Sci Principles	
	HLA30544	Eng Lang & Lit II – H	5.0	HPE70810	Physical Education	5.0		Computer Science I	2.5
	HLA60462	Eng Lang & Lit SI	5.0	(Health wi	ill be added to your s	chedule,	HMA20222	Computer Science II	2.5
	HLA60748	ESL I Gramm & Convers	10.0	credit value	e = 1.0 or 1.25)	•			
	HLA60750	ESL II Gramm & Convers	10.0					Social Studies Electi	
	HLA60747	ESL III Reading & Writing	5.0		World Language		HSS20118	American Law – A	2,5
	HLA60551	Eng Lang & Lit Trans I			Chinese I – A	5.0	HSS0155	Civics – A	2.5
	HLA60596	Eng Lang & Lit Trans 1			Chinese II – A	5.0	HFA20101	Cultural Ceramics	2.5
	HSE70869	Eng Lang & Lit II – A	5.0		Chinese II - H	. 5 . 0	HSS20115	Economics Today	2.5
	HSE70876	Eng Lang & Lit II (RC)			Chinese III – A	5.0	HSS20116	Human Development	2.5
	HSE70758	Eng Lang & Lit 9/10	5.0		Chinese III – H	5.0	HSS20145	Pop Culture: 20th Century	
	HSE70741	Eng Lang & Lit (Autisn	າ) 5.0		French I – A	5.0	HSS20117	Sociology – A	2.5
		Marking and Line			French II – A	5.0	HSS20142	Women's Studies: Evolving	
	1184410310	Mathematics	= 0		French II – H	5.0	110020442	Image of Women – A	2.5
		Algebra II – A	5.0		French III – A	5.0	HSS20143	Women's Studies: Social Cha	_
		Algebra II – H	5.0		French III – H	5.0		Changing Gender Roles – A	1.2.5
		Algebra III/Trigonometr	•		German I – A	5.0		Science Electives	
		Geometry – A	5.0		German II – A	5.0	HSC20322	Astronomy – A	2.5
		Geometry – H	5.0		German II – H	5.0	HSC20359	Exercise Physiology – A	
		Precalculus – A Precalculus – H	5.0		German III – A	5.0	HSC20374	Forensic Science – A	2.5
		Mathematics SI	5.0		German III – H	5.0	HSC20362	Gen Anat & Physio – A	
	HSE70973	Algebra II – A	5.0 5.0		Italian I – A	5.0	HSC40363	Human Anat & Physio – A	
	HSE70835	Geometry – A	5.0 5.0		Italian II – A	5.0	HSC20368	Marine Biology – A	2.5
	HSE70852	Essent of Geometry (RC			Italian II – H	5.0	HSC20363	Medical Physio – A	2.5
	HSE70858	Essent of Algebra II (RC)			Italian III – A	5.0	HSC10335	Microbiology – H	5.0
	HSE70764	Math 9/10	5.0		Italian III – H	5.0	HSC20320	Oceano/Meteoro – A	2.5
	HSE70770	Math (Autism)	5.0	HWL10427	Latin II – A	5.0		7, 100010	2.0
	I ISE/0/70	Platif (AddSiff)	5.0		Latin II – H	5.0		Business Education	1
		Social Studies			Latin III – A	5.0 5.0	HFB40507	Accounting I	5.0
	HSS50121	AP US History I	5.0		Latin III – H	5.0 5.0	HFB30510	Accounting II (H)	5.0
		US History I	5.0		Spanish I – A	5.0		App Development	2.5
		US History I – A	5.0		Spanish II – A	5.0 5.0	HFB20515	Business & Criminal Law	2.5
		US History I – H	5.0		Spanish II – H	5.0	HFB20520	Career Explor & Awareness	2.5
		Social Studies SI	5.0		Spanish III – A	5.0	HFB20452	Computer Applications	2.5
		US History I – A	5.0		Spanish III — H	5.0		Comp Repr/Tech Supp I	2.5
		US History I (RC)	5.0		Spanish for Heritage S		HFB20532	Comp Repr/Tech Supp II	2.5
		US History I-LS	5.0	1144210 131	Beginners – A	5.0	HFB20545	Desktop Pub & Multimedia Pres	2.5
		,		HSE70834	Spanish I – A	5.0		Entrepren & Bus Mngmnt	2.5
		Science		.,02,000.	opariion 1 /			International Business	2.5
	HSC60311	Chemistry	5.0		English Electives			Intro to Business	2.5
	HSC10309	Chemistry – A	6.0	HLA20568	Drama	~ · · ·		Intro Marketing-Social Media	2.5
	HSC30310	Chemistry – H	6.0	HLA20575	Forensics - A	2.5		Leadership & Philanthropy	2.5
•	HSE70971	Chemistry – A	6.0	HLA20555	Intro to Creative Writing	i – A 2.5		Notetaking & Study Skills	2.5
	HSE70820	Chemistry (RC)	5.0	HLA20566	Journalism – A	2.5		Photo Editing & Web Des	2.5
	HSC70353	Science/Social Studies-LS	5.0	HLA20597	Kid Lit Literacy	2.5		Photo Editing for Business	2.5
	HSC70352	Science/Soc Stud (Autism)	5.0		LP: Lyrical Poetry	2.5		Program for Business	2.5
					Pub Dev & Prod	5.0	HFB20556	Program for Business II	2.5
				HLA20595	Reading Animation	2.5			
					Speech – A	2.5	•		
				HLA20576	Theatre Production	2.5			

2020 – 2021 Bridgewater-Raritan High School Sophomore Course List

Course #	Department: C	redits	Course #	Department	Credits	Course #	Department (Credits
	Music			Fine Arts			Vocational Tech Sci	nool
HFA40604	Mixed Choir	5.0	HFA50488	AP Art History	5. 0	HVT10731	Vo Tech – A	15
HFA40611	Music Workshop	5.0	HFA40628	Art History	5.0	HGE20902	Vo-Tech Lunch A	0.0
HFA40610	Select Treble Choir	5.0	HFA40624	Art I	5.0	HVT10733	Vo Tech – C	15
HFA40603	String Orchestra	5.0	HFA40602	Art II —	5.0	HGE20903	Vo-Tech Lunch C	0.0
HFA40616	Symphonic Band	5.0	HFA20603	Ceramics I	2.5			
HFA30601	Symphonic Choir - H	5.0	HFA20489	Ceramics II	2.5		Special Services Elec	
HFA30600	Symphony Orchestra – H	5.0	HFA20660	Ceramics III	2.5	HSE70756	Art	5.0
HFA30626	Wind Ensemble - H	5.0	HFA20767	Ceramics IV	2.5	HSE70899	CCE (Career &	4 5
		_	HFA20604	Crafts I	2.5	LICETOTE 4	Community Exploration)	
	Industrial Techno		HFA20611	Crafts II	2.5	HSE70754	Culinary Arts	2.5
HFB20610	Audio/Music Engineering	2,5	HFA20101	Cultural Ceramics	2.5	HSE70200	Digital Fine Arts-LS	2.5
HFB40533	CAD Tech I	5.0	HFA20605	Design	2.5	HSE70201	Driver's Ed-LS	2.5
HFB40535	CAD Tech II	5,0	HFA20487	Digital Fine Arts I	2.5	HSE70788	Employment Orientation (1 p	er) 5.0
HFB20615	CNC Production	2.5	HFA20606	Painting & Drawing	2.5	HSE70797	Life Skills	5.0
HFB40720	Engineer Comp Graph		HFA20608	Sculpture	2.5	HSE70907	Literacy Support-LS	5.0
HFB20601	Film/Video Editing I	2.5				HSE70537	Media Communication	
HFB20602	Film/Video Editing II	2.5		Family & Cons Scie		HSE70882	Study Skills I	5.0
HFB20603	Film/Video Editing III	2.5	HFB20730	Baking & Pastry Arts	2.5	HSE70894	Study Skills II	5.0
HFB20604	Film/Video Editing IV	2.5	HFB20731	Cooking Across America			Lunch	
HFB40725	Intro to Electronics	5.0	HFB30735	Culinary Nutrition (H)		(M/H has not		urco
HFB40709	Wood Dsgn & Fab I	5.0	HFB20441	Design & Sewing Techs		•	comatically added to co	uise
HFB40710	Wood Dsgn & Fab II	5.0	HFB20700	Family & Cons Sciences		requests)		
			HFB20442	Fashion & Creative Desi				
			HFB20707	Home & Interior Desig				
			HFB20732	International Foods	2.5			
			HFB20701	Intro to Culinary Arts				
			HFB20440	Sewing Concepts	2.5			

BRIDGEWATER-RARITAN HIGH SCHOOL CREDIT AND COURSE REQUIREMENTS FOR GRADUATION

Student Name:	7770000			
English	1	2	3	4
Math	1	2	3	
Science	Bio	2	3	
Social Studies	World Civ II	US I	· 	US II
Visual/Perform Arts	1	2	(Total = 5 cre	edits)
21st Century Skills	1	2	(Total = 5 cre	edits)
Financial Literacy	1	(Total = 2.5 d	credits)	
PE/Health	9 th	10 th	11 th	12 th
World Language	(To	otal = 5 credits	s)	
Electives	1	2	3	4
Credits completed towards	graduation:	9 th	_ 10 th	11 th
Minimum credits needed for	promotion:	$9^{th} = 30$	$10^{th} = 60$	11 th = 90

Total credits needed for graduation = 120

Scheduling Worksheet

Period	Fall	Spring
2		
4		
6		
8		
9		

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