

Hollis Brookline Cooperative School Board
Wednesday, November 15, 2017
Hollis Brookline Middle School Library
6:00

All times are estimates and subject to change without notice

- 6:00 Call to Order
- 6:05 Appointment of a process observer
Agenda adjustments
Approve meeting minutes
Nomination/ resignations/correspondence
- 6:15 Public Input
- 6:30 Discussion with candidates interested in the open Brookline Board member position
- 7:00 Principal Reports
 - Principal Thompson – Lacrosse discussion
 - Principal Barnes – High School Program of Studies and Math Experience
- 7:40 Discussion
 - Math Presentation – Assistant Superintendent Bergskaug
 - Facilities update
 - FY 19 budget update
- 8:30 Deliberations
 - **To see what action the Board will take regarding the proposed High School Mathematics experience**
 - **To see what action the Board will take regarding the High School Program of Studies**
 - **To see what action the Board will take regarding the request for middle school lacrosse teams**
 - **To see what action the Board will take regarding GEA, Extracurricular and Co-curricular Advisors and Athletic Coaches, Third reading**
 - **To see what action the Board will take regarding BEDB, Agenda Preparation and Dissemination, Second Reading**
 - **To see what action the Board will take regarding BEDG, Minutes, Second Reading**
 - **To see what action the Board will take regarding BEDG-R, Access to Minutes and Public Records, Second Reading**
 - **To see what action the Board will take regarding IGE, Parental Objections to Specific Course Material, Second Reading**
 - **To see what action the Board will take regarding JICFA, Hazing, Second Reading**
 - **To see what action the Board will take regarding IHAM, Health Education and Exemption from Instruction, First Reading**
- 9:15 Non-public under RSA 91-A: 3II (a) Compensation and/or (c) Reputation
- 9:30 Motion to Adjourn

HOLLIS BROOKLINE MIDDLE SCHOOL

Robert Thompson
Principal

Patti Flynn
Assistant Principal

Jennifer Campbell
Student Services Coord.

Sheila Mandragouras
School Nurse

Christy Grieff
Guidance

Kristine Turcotte
Guidance

To: Hollis Brookline Cooperative School Board
From: Bob Thompson, Principal HBMS
Re: Principal's Report
Date: November 15, 2017 Scheduled Meeting



INFORMATION ONLY

Red Ribbon Week- October 23rd to the 27th was National Red Ribbon Week. Red Ribbon Week is a national campaign to bring awareness to the issue of substance abuse and misuse. Throughout the week students participated in a series of fun activities that were designed to raise awareness for this important topic. The week culminated with an assembly where members of the Process Recovery Center, a substance abuse treatment center in Hudson, shared their stories of addiction and recovery with our students. Thank you to our guidance department, Christy Grieff and Kristine Turcotte, for organizing our Red Ribbon Week Events.

Fall Sports- Congratulations to the Hollis Brookline Middle School for a very successful fall athletic season. Three out of the four teams made it into the playoffs. The girls' volleyball team and boys' soccer team lost in the quarter finals. In a very exciting final game, the previously undefeated girls' soccer team lost. We had a very strong cross country team with 3 individual placing in the top 7 runners in the league championship and 3 individual runners placing in the top 21 runners in the state championship.

Holiday Card Drive- Community member, Laura Landerman-Garber has partnered with HBMS and other area schools on a project to give every service man and woman serving on the USS Theodore Roosevelt a card for the holiday season. Students have been using time in ROCK to write to the sailors. We anticipate sending no less than 500 cards by the end of November.

HBMS Student Council- Congratulations to 8th grader Ellie Maxwell who was elected HBMS student body president in October. Congratulations are also in order for 7th grader Kate

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McElveen who was elected HBMS student body vice president. The student council is already off to a great start, holding a successful fundraiser selling “Boo-Grams” for Halloween. Student Council is currently working on a canned food drive that will be organized by ROCK.

Halloween Dance- Thank you to the HBMS PTSA for hosting a very successful Halloween dance on October 20th. We had over 230 students attend. This was the highest attendance rate we have had in recent history. This can be attributed in part to the new format that was created. For this event, the PTSA ran activities in the gymnasium and the library for students who were not interested in dancing.

Important Dates:

December 12th - 8th and 7th Grade Winter Concerts

December 19th- 7th Grade field trip to The Hanover Theatre

March 20-March 23rd - 8th Grade trip to Washington DC

Follow Us on:

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Instagram: hollisbrookline_middleschool

Facebook: @hollisbrooklinemiddleschool

To: Hollis Brookline Cooperative School Board

From: Bob Thompson, Principal Hollis Brookline Middle School

Date: October 12, 2017

Re: HBMS Boy's and Girl's Lacrosse Pilot Program Proposal

Hollis Brookline Middle School is proposing the creation of two new teams, a boy's and a girl's lacrosse team for the Spring 2018 season. The team would be sanctioned by the Tri-County Athletic Association and would participate in league play. The program would be a pay to play program, resulting in zero impact on the FY18 school budget. At the conclusion of the season a program evaluation would be conducted and a recommendation would go before the Cooperative School Board about the future of the program. Several considerations have been factored into this proposal including the following:

Team Composition: We would have a boys' team and a girls' team. Each team would have between 20 and 24 student athletes. Competitive tryouts would be held to determine the spots on the team.

Cost: As a pay to play program, students and their families would be charged a fee in the range of \$165 to \$215 depending on the number of students on the team and the possibility of the school receiving donations. Students would be responsible for providing their own equipment in order to play.

Schedule: A schedule would be developed that would include Tri-County teams such as: Amherst, Milford, Derryfield, Merrimack Valley, Cawley, Auburn, Londonderry, Concord and Goffstown. There would be approximately 5 home and 5 away games.

Field Space: The team would utilize the two middle school fields. This would result in coordinating with the middle school softball and baseball schedules as well as the high school lacrosse schedule. The high school lacrosse program that currently occupies the lower field would need to be relocated to the high school.

Transportation: Transportation would need to be coordinated with the high school athletic department. Some flexibility would need to be exercised in scheduling later games if buses are not available directly after school.

Hollis Middle School Lacrosse

2018 Proposed Budget

Assumptions based on the operations of HB Youth Lacrosse
Tri-County and HBMS expenses need to be confirmed

Assumptions	Minimum	Maximum
# of boy players	20	24
# of girl players	20	24
\$ boy uniforms	\$38	\$38
\$ girl uniforms	\$36	\$36
# of home games	5	5
referee fees	\$110	\$130
paint and supplies	\$500	\$750
bus estimate	\$640	\$1,024
try-county fee	\$50	\$50
insurance	\$0	\$0

Club games pay \$110 to 2 referees, \$65 and \$45; Not sure if MS games need

Average potential cost, 5 away games plus 3 playoffs

Income Statement	Minimum	Maximum
Registration Fees	\$8,470	\$9,600
Registration Fees With Uniforms	\$6,990	\$7,824

Expenses

Boys Coach Salary	\$2,350	\$2,350
Girls Coach Salary	\$2,350	\$2,350
Boys Uniforms	\$760	\$912
Girls Uniforms	\$720	\$864
Boys Referees	\$550	\$650
Girls Referees	\$550	\$650
Paint and Supplies	\$500	\$750
Bus	\$640	\$1,024
Tri-County Fee	\$50	\$50
Insurance	\$0	\$0

Total Expenses	\$8,470	\$9,600
Total Expenses With Uniforms Donated	\$6,990	\$7,824

Net Income / Loss	\$0	\$0
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Pay to Play Fee Recommendation

Registration fee required	\$212	\$200
Registration fee required	\$175	\$163
If Uniforms Donated		
Suggested Fee (average)	\$169	\$169
HBYL fee 2017	\$175	\$175
Increase Over HBYL	-\$6	-\$6

Bus Assumption	Minimum	Maximum
miles	10	60
\$ per mile	\$1.80	\$1.80
hours	2.5	4
\$ per hour	\$20.00	\$20.00
total	\$68.00	\$188.00

NO GAMES						
	HS Side Field	HS Softball Field	HS Baseball Field	Track/Football Field	MS Love Ln./Softball	MS Back Field/Baseball
MS Girls Lacrosse					2:30 PM to 4:15 PM	
MS Boys Lacrosse						2:30 PM to 4:15 PM
MS Baseball						2:30 PM to 4:15 PM
MS Softball					2:30 PM to 4:15 PM	
HS Girls V/JV Lacrosse					4:15 PM to 7:15 PM	
HS Boys Lacrosse	3:30 PM to 6:30 PM					
HS V Softball		3:00 PM to 5:00 PM				
HS V/JV Baseball			3:00 PM to 6:00 PM			

MS Girls Lacrosse Game - Need space for HS Girls JV Lacrosse						
	HS Side Field	HS Softball Field	HS Baseball Field	Football Field	MS Love Ln./Softball	MS Back Field/Baseball
MS Girls Lacrosse					2:30 PM to 5:00 PM	
MS Boys Lacrosse						2:30 PM to 4:15 PM
MS Baseball						2:30 PM to 4:15 PM
MS Softball					2:30 PM to 4:15 PM	
HS Girls V/JV Lacrosse				5:00 PM to 7:00 PM	5:00 PM to 7:00 PM	
HS Boys Lacrosse	3:30 PM to 6:30 PM					
HS V Softball		3:00 PM to 5:00 PM				
HS V/JV Baseball			3:00 PM to 6:00 PM			

* Does not work when there are any HOME track meets - MS Back Field would have to be used for JV Girls Lacrosse practices *

MS Boys Lacrosse Game - MS Baseball Field can't be used						
	HS Side Field	HS Softball Field	HS Baseball Field	Football Field	MS Love Ln./Softball	MS Back Field/Baseball
MS Girls Lacrosse					2:30 PM to 4:15 PM	
MS Boys Lacrosse						2:30 PM to 5:00 PM
MS Baseball			2:30 PM to 4:00 PM			
MS Softball					2:30 PM to 4:15 PM	
HS Girls V/JV Lacrosse					4:15 PM to 7:00 PM	
HS Boys Lacrosse	3:30 PM to 6:30 PM					
HS V Softball		3:00 PM to 5:00 PM				
HS V/JV Baseball			4:00 PM to 7:00 PM			

* Does not work when there are HOME HS Baseball games - MS Baseball would need to cancel practice *

HS Girls Lacrosse Games - Need space for HS Boys Lacrosse						
	HS Side Field	HS Softball Field	HS Baseball Field	Football Field	MS Love Ln./Softball	MS Back Field/Baseball
MS Girls Lacrosse					2:30 PM to 4:15 PM	
MS Boys Lacrosse						2:30 PM to 4:15 PM
MS Baseball						2:30 PM to 4:15 PM
MS Softball					2:30 PM to 4:15 PM	
HS Girls V/JV Lacrosse	3:00 PM to 7:00 PM					
HS Boys Lacrosse				5:00 PM to 7:00 PM		4:15 PM to 6:15 PM

HS V Softball		3:00 PM to 5:00 PM				
HS V/JV Baseball			3:00 PM to 6:00 PM			

*** Does not work when there are any HOME track meets - Upper Lacrosse field would have to be used for JV Boys practices ***

November 9th, 2017

To: Andrew Corey, Superintendent

From: Rick Barnes, Principal HBHS

RE: November Board Report

Trebuchet Day: For the first time in recent memory, we had amazing weather for this HBHS fall classic. This is the second year in a row we have had all four elementary schools work with students from the high school. There were smiles and cheers all around as water balloons were catapulted across the softball field. The recent addition of high school students working with groups of elementary students on miniature trebuchets was a success as well based on the questions and comments I gathered from elementary students and staff.

Fall Sports Awards: It was a packed house on Monday (11/6) evening as parents, coaches, and student athletes gathered to celebrate a highly successful fall season. The evening was punctuated by the delivery of the fourth Division I Championship plaque for the Girls' Volleyball Team. This most recent championship was one for the history books as it was their third consecutive. Also receiving several rounds of applause was our Athletic Trainer Mike Thompson. Mr. Thompson has been a wonderful addition and resource for the HBHS and HBMS community and it was nice to see how much students, coaches, and parents appreciate his efforts.

Veterans Day Assembly: HBHS was honored to host our annual event on the morning of Wednesday 11/8. We are extremely proud of the gratitude and respect students displayed towards our local veterans' and are grateful for the sacrifices our veterans have made on our behalf. It is important to note that the entire event is organized by student members of the Homefront Club. The club is advised by Trevor Duval and Christina Ellis.

Program of Studies: Attached is the latest 2018-19 draft of the Program of Studies. Changes to this year's program include the addition of fourth year of a math experience, and the enhancement of our offerings in Computer Science.

Respectfully Submitted,

Rick Barnes
Principal

Hollis Brookline High School



Program of Studies

20187 – 20198



Hollis Brookline High School

24 Cavalier Court Hollis, New Hampshire 03049

phone 603.465.2269 fax 603.465.2485

www.hollisbrookline.org

Administration

Principal: Richard D. Barnes
Assistant Principals: Robert F. Ouellette
Amanda C. Zeller
Director of Special Education: Jennifer Anderson

Guidance

School Counselors: Sandra Bent
Kerry Dod
Kathleen Maynard
Richard Winslow

504 Counselor: Jillian Hegarty

We Value:

Integrity • Intellectual Curiosity • Innovation • Individuality • Involvement in HBHS community

We Believe In:

- Inspiring lifelong learning and achievement through a broad range of experiences.
- Encouraging all to strive for their maximum potential.
- Upholding an atmosphere of mutual trust and respect essential to the educational process.
- Recognizing that students, parents, and staff share responsibility for open communication to maintain a thriving school community.
- Maintaining a safe, productive, and inclusive learning environment.

Academic Expectations

Students will:

- Read and write fluently, expressively and accurately.
- Listen and speak with sensitivity and discrimination.
- Solve problems logically and analytically.
- Use their creative abilities in original and productive ways.
- Use their critical abilities to recognize and value excellence and quality.
- Be prepared to meet the changing technological demands of the marketplace.

Social Expectations

Students will:

- Respect the rights and values of others.
- Resolve conflicts appropriately.
- Accept responsibility for their actions.

Civic Expectations

Students will:

- Understand and accept their duties as citizens of a democracy.
- Contribute to the greater well-being of society.
- Respect the differing values of the global community.

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Introduction

This *Program of Studies* has been prepared to assist students and their parents in deciding which courses to take at Hollis Brookline High School. It provides information on course descriptions, suggested course sequences, required and elective courses, credit requirements, special programs, and selected school policies.

The careful selection of required and elective courses is an important first step toward a successful educational experience at Hollis Brookline High School. Students should review the *Program of Studies* with their parents. Counselors will meet with students to hand out registration information, explain the registration process and discuss program planning. Students should consult with their core teachers to determine appropriate placement before online course registration begins. Be sure to pay particular attention to course prerequisites, required courses, and college admissions requirements when selecting your courses.

It may not be possible to offer all the elective courses listed in this *Program of Studies*. The courses offered will depend on the number of students who enroll for each course. Conflicts may also arise due to a student's specific course requests, therefore, be sure to choose at least two alternate elective courses when registering online.

Principal's Message

Dear HBHS students and parents/guardians,

This *Program of Studies* is designed to be your guide as you chart your path over the next four years. A great deal of thought and work goes into planning the scope and sequence of our curriculum to ensure that it is designed with our students' best interests in mind.

~~We are excited about the changes to this year's program, to include our latest Running Start offerings which allow for dual credit in high school and college.~~ Please use this guide as a reference for graduation requirements and course prerequisites, as well as a tool to help you map out your selections for the 2018-19 School Year and beyond. There are many wonderful opportunities to take advantage of here at HBHS. As you develop your plan for the years ahead, I urge you to consider balancing your schedule between courses that will challenge you and courses or co-curricular activities that you simply enjoy. We urge you to utilize the Student Activities Spreadsheet at the end of this program to assist you in navigating the balance between school, life, and activities. I also encourage you to communicate regularly with your parents, teachers, and school counselors throughout the course selection process as these decisions will affect your plans for the future.

As you navigate through the process of selecting your courses, please do not hesitate to contact your school counselor as well as current and former teachers at any time if you have questions. We are always open to any feedback and suggestions that you may have as we work together toward creating the best academic program possible for our students.

Sincerely,
Richard D. Barnes
Principal

Student Services

The mission of the Hollis Brookline Guidance Department is to provide a comprehensive program that encourages the successful academic, career and social-emotional development of each individual. We believe through collaboration with students, families, school staff, and community members we can assist students in reaching their full potential.

Academic Achievement

- A. Students will acquire the attitudes, knowledge and skills contributing to effective learning in school and across the lifespan.
- B. Students will complete school with the academic preparation essential to choose from a wide range of substantial post-secondary options, including college.
- C. Students will understand the relationship of academics to the world of work and to life at home and in the community.

Career Planning

- A. Students will acquire the skills to investigate the world of work in relation to knowledge of self and to make informed career decisions.
- B. Students will employ strategies to achieve future career goals with success and satisfaction.
- C. Students will understand the relationship between personal qualities, education, training and the world of work.

Personal Social Development

- A. Students will acquire the knowledge, attitudes and interpersonal skills to help them understand and respect self and others.
- B. Students will make decisions, set goals and take necessary action to achieve goals.
- C. Students will understand safety and survival skills.

Career and Technical Programs

HBHS students are eligible to attend Alvirne, Nashua, Milford, and Mascenic High Schools in the **11th and 12th** grades for career and technical education. The courses available in the *Program of Studies* and are listed in the “Career and Technical Programs” section. Specific information may be obtained from the Guidance Department. Career programs also include internships and work study through Hollis Brookline High School.

English Learners (EL)

The EL program is designed for students residing in the district whose language is other than English, or for students who come from a family where the influence of another language may impact his/her ability to compete with peers in English. EL not only provides listening, speaking, reading, and writing components, but also provides assistance and support for core classes. This may be achieved through advanced teaching of vocabulary, modifying assignments and possibly tests with the classroom teacher, or providing extra test-taking time with the ESOL teacher. The goal of EL is to help the student learn enough English to compete with peers. EL services are not available for exchange students from other countries.

Student Services & Compliance with Federal and State Laws

The Hollis Brookline Cooperative School District complies with all Federal and state laws that apply to schools. These include:

- Family Education Rights and Privacy Act (FERPA)
- Individuals with Disabilities Education Act (IDEA)
- Child Find Notice: Children With Disabilities Under IDEA or Section 504 (ADA)
- Notice of Procedural Safeguards Under Section 504 and the ADA
- Child Neglect and Abuse
- Section 504 of the Americans with Disabilities Act (ADA)
- Section 504/Title II Grievance Procedure.

The school’s website (www.hollisbrookline.org) provides brief information concerning these laws. Additional information is available through numerous government sources and through the school.

Visit the Hollis Brookline High School Web Site

www.hollisbrookline.org

Click on the Guidance link for assistance and information on:

Career Services	Counseling Services	Program of Studies	School Profile
Career and Technical Programs	Helpful Websites	Register New Student	School Newsletter
College Admissions Testing	Naviance	SAT Prep	Summer Reading
College Information	Presentations	Scholarships	

Hollis Brookline High School Graduation Requirements

Students must earn 23 credits to graduate with a Hollis Brookline High School Diploma. This diploma indicates that the student has completed a rigorous high school curriculum which exceeds the state requirements. The following courses are graduation requirements. The credit given for each course is included with the respective course description. **Note: A course cannot be used to earn credit in more than one category. Beginning with the Class of 2019, all high school students must engage in a math experience for every year they are in high school until graduation. Courses that meet this requirement are marked by a “+”.**

<u>Category</u>	<u>Credits</u>
English (including .5 Writing credit)	4.50
Mathematics (including 1.0 Algebra credit)	3.00
<u>4th Year Math Experience +</u>	<u>N/A</u>
Information and Communication Technology (ICT Digital Portfolio)	0.50
Social Studies - 1 U.S. History, 1 World Studies, .5 Economics, .5 Civics credit	3.00
Science (including 1 Physical Science credit & 1 Biological Science credit)	3.00
Arts Education (all Performing Arts, Visual Arts)	0.50
Physical Education	1.00
Wellness	0.50
Restricted Electives	3.00
Three credits selected from at least two of the following areas:	
<i>Arts Education:</i> Performing Arts, Visual Arts	
<i>Practical Arts:</i> Computer & Technology, or Family and Consumer Sciences	
<i>Career and Technical Education</i>	
<i>World Language:</i> Level IV or V of a World language, or a second World language	
<i>Mathematics, Social Studies and Science:</i> fourth credit	
Free Choice Electives	4.00
Credits selected from any of the school's course offerings	
TOTAL	23.00

Hollis Brookline High School – NH State Standard Diploma

A NH State Standard Diploma for Academic Achievement may be awarded to any student who completes the state minimum required units of study as defined by Ed 306.27(m) but who does not qualify for a Hollis Brookline High School diploma as designated in Board Policy IKF. Students seeking a diploma under this policy are advised make a request, in writing, to the building principal no later than one semester prior to his/her anticipated graduation date. The principal must approve the request prior to awarding an alternative diploma. **Beginning with the Class of 2019, all high school students must engage in a math experience (not necessarily a math credit) for every year they are in high school until graduation.– Courses that meet this requirement are marked by a “+”.**

<u>Required Subjects</u>	<u>Credit(s)</u>
Arts Education	.5 credit
Information and Communications Technologies	.5 credit or demonstrate proficiency
English	4 credits
Mathematics	3 credits, including algebra credit that can be earned through a sequential, integrated, or applied program, <u>and a 4th year math experience</u>
Physical Sciences	1 credit
Biological Sciences	1 credit
US and NH History	1 credit
US and NH Government/Civics	.5 credit
Economics	.5 credit
World History, Global Studies, or Geography	.5 credit
Health Education	.5 credit
Physical Education	1 credits
Open Electives	6 credits
Totals	20 credits

Equivalency Diploma

An **Equivalency Diploma** shall be awarded to a student who receives special education services and who successfully completes the requirements for this diploma as established and set forth in the student's Individualized Education Program (IEP) and who does not meet the requirements for a diploma set forth in the State Minimum Standards for Public School Approval and applicable District policy. The requirements for this Diploma may vary from student to student. The high school must secure the informed written consent of the parent or guardian and the student to choose this diploma program after review of the student's academic history and the full disclosure of the student's options.

Any student who receives an equivalency diploma pursuant to this policy will be allowed one opportunity to participate in the District's graduation ceremony.



NH Scholars

New Hampshire Scholars is a community-based program that encourages students to take a more rigorous core course of study in high school. The program is federally-funded through the New Hampshire Department of Education, and is coordinated through a partnership between the New Hampshire College and University Council, Campus Compact for New Hampshire and the New Hampshire Department of Education. New Hampshire Scholars is part of the National State Scholars Initiative Network. Twenty-five states across the country participate in this national initiative. For more information visit nhscholars.org

New Hampshire Scholars must successfully complete their course of study with a grade of **C** or higher in all courses, including quarter and full year grades. Students have three pathways from which to choose:

NH Scholars Core, NH Scholars STEM Emphasis and NH Scholars Art Emphasis.

NH Scholars Core Course Requirements

- English - 4 years
- Math - 4 years, including Algebra I, Geometry, and Algebra II, and 1 other competency
- Laboratory Science - 3 years of Laboratory Science (e.g. Biology, Chemistry, Physics, Anatomy & Physiology)
- Social Studies - 3.5 years (US History, World Studies/History, Civics/Economics, and 1 elective)
- World Language - 2 years of the same world language other than English

NH Scholars with STEM Emphasis

- English - 4 years
- Math - 4 years, including Algebra I, Geometry, and Algebra II, and 1 other competency
- Social Studies - 3.5 years (US History, World Studies/History, Civics/Economics, and 1 elective)
- World Language - 2 years of the same world language other than English
- **Science - 4 years, including 3 Laboratory Science (Biology, Chemistry, Physics, A&P, Pre-Engineering, Computer Science, etc.)**
- **STEM related coursesTechnology Education – 1 year (All courses in Computer and Technology Education qualify for NH Scholars with STEM Emphasis)**
- **Minimum 3.2 GPA**

NH Scholars with Art Emphasis

- English - 4 years
- Math - 4 years, including Algebra I, Geometry, and Algebra II, and 1 other competency
- Laboratory Science - 3 years of Laboratory Science (e.g. Biology, Chemistry, Physics, Anatomy & Physiology)
- Social Studies - 3.5 years (US History, World Studies/History, Civics/Economics, and 1 elective)
- World Language - 2 years of the same world language other than English
- **Art Education – 2 years (All courses in Visual & Performing Arts qualify for NH Scholars with Art Emphasis)**
- **Minimum 3.2 GPA**

Approved courses are noted in the *Program of Studies* by the NH Scholars Seal.



Credit Accumulation Guidelines

Beginning in 9th grade, progress toward graduation depends on the accumulation of credits and passing required subjects. Algebra 1, French 1, and Spanish 1 taken in middle school may allow students to take Geometry, French 2, or Spanish 2 upon entering the 9th grade. Middle school courses will not count as part of the 23 credits required for high school graduation and are not reflected on the high school transcript. Students are able to schedule a study each year and still meet their graduation requirements.

These credit accumulations are guidelines for entrance into grades 10, 11, and 12:

At the completion of Grade 9:	6 credits
At the completion of Grade 10:	12 credits
At the completion of Grade 11:	17 credits

It is a student's responsibility to meet periodically with his/her counselor to ensure all graduation and credit requirements are completed.

Credit Recovery

Students who fail a course for the year may earn credit in one of the following ways:

- Repeat the course at Hollis Brookline High School.
- Enroll in a summer school program at a local high school. Students must first meet with their school counselor to determine the appropriate course and program that will fulfill the lost credit as well as review academic information. Summer school programs require that students have passed at least two quarters of a full-year course or one quarter of a semester course and have obtained approval from the principal. An Alternative Credit Application (available in the Guidance Office) must be completed prior to taking the course. Credit will be awarded upon successful completion of the course. The course grade will be entered as a grade of P or F, and there is no adjustment to the student's GPA calculation.
- Competency recovery through the Virtual Learning Academy Charter School (VLACS) is an opportunity for students to complete the essential work required to have mastered a failed HBHS course. Teachers must first determine that the student is eligible for competency recovery. Competencies are then chosen by the HBHS teacher. An Alternative Credit Application must be completed and principal permission obtained. Competency completions will be reviewed by the Academic Review Committee. HBHS teachers may adjust the student's final grade. Credit will be awarded and GPA will be recalculated.

Alternative Methods of Earning Academic Credit

Generally courses required for graduation are taken at Hollis Brookline High School. Students who wish to take courses through an extended learning opportunity and/or online programs may do so in consultation with the school counselor and pre-approval of the principal. In all cases an Alternative Credit Application must be completed and permission obtained prior to the commencement of the class/program. Alternative credit may be accepted toward requirements leading to a student's Hollis Brookline High School diploma if approved by administration. It should be noted that these courses will reflect credit on the HBHS transcript if they are taken at an accredited high school. Official transcripts must be provided to the school registrar. See your counselor for more information.

1. **College/University Credit:** With prior approval from the principal and before the beginning of a semester, credit can be accepted for college level courses. All applications must be completed and approval granted from the principal. High school credit will be granted for a semester college course provided that a passing grade is earned.

2. **Online Courses:** With prior approval from the principal, credit may be earned by successfully completing online or distance learning courses, such as the Virtual Learning Academy Charter School, BYU, etc.
3. **Independent Study:** With approval from the principal and prior to the beginning of a semester, credit may be earned for academic independent study projects that will be coordinated, supervised, and evaluated by a Hollis Brookline High School faculty member. An alternative credit application must be completed and permission granted prior to commencement of the study project. Teachers must be certified in the course content area. Independent Study courses fulfill free choice and restrictive elective graduation requirements and are graded **Pass** or **Fail**.
4. **Out-of-District Placement:** The number of high school credits granted for courses, offered at out-of-district special education approved day and residential programs, will be determined by the principal upon successful completion of the courses.
5. **Study Abroad:** With prior approval of the principal, credit may be earned while studying abroad in a certified program. The courses taken should be in line with Hollis Brookline High School graduation requirements; otherwise, participation in a study abroad program may delay graduation. See your counselor for more information.

Summer Enrichment

Students are encouraged to participate in summer enrichment experiences. These programs are seen as enrichment only and do not qualify for credit. Programs such as People to People, St. Paul's Advanced Studies Program, Summer Institute, and language immersion programs do not qualify for academic credit. See your counselor for more information.

Grade Policies

Grade Reporting

Grades are reported quarterly via the PowerSchool parent portal four times a year. A student's quarterly grade, mid-term exam, final exam, and final grades appear in letter form. Assignment grades and attendance information is available to families through the PowerSchool Parent Portal. The letter grading system is outlined on page 13. Students have ten (10) school days from the date grades close to resolve any incomplete grades. Students with incomplete grades after that time will not be eligible for the Honor Roll. Mid-term and final exam grades appear on the parent portal and factor into the final course grade, but do not appear on transcripts.

Power Announcement messages will be sent as follows:

- At the end of each quarter notifying parents when term grades have been stored
- Mid-quarter for students who are receiving grades in the D/F range

Any parent who does not have access to a computer should inform the Guidance Office and a paper copy will be provided to the student.

Transfer of Credits

All courses transferred in to Hollis Brookline High School are included in a student's cumulative GPA. All attempts for courses taken outside of Hollis Brookline High School that have been approved with an Alternative Credit Application will be noted on the HBHS transcript, including grades of withdrawal or failure.

Audit Policy

With the permission of the principal and the recommendation of the receiving and sending teacher, students may request to Audit a class they have previously taken. The purpose of the Audit is to repeat the course in an effort to further develop academic knowledge and build a stronger academic foundation.

Students must complete an Audit Agreement (located in the guidance office) to be signed by parent, administration, teacher and school counselor. Please note: classes that are designated as audit do not meet the school requirement of carrying six classes in grades 9-11 or five classes for grade 12.

Grade Weighting

Honors and AP courses from each major department carry more weight in calculating grade point average.

AP Biology	AP French	AP World History	Honors Choir
AP Calculus	AP Physics I	AP U.S. Government &	<u>Honors Civics</u>
AP Chemistry	AP Physics II	Politics	<u>Honors Economics</u>
AP Computer Science	AP Psychology	AP U.S. History	Honors French IV
AP English Language	AP Spanish	Honors Anatomy &	Honors Jazz Band
AP English Lit. & Comp.	AP Statistics	Physiology	Honors Literature
AP Environmental Science	AP Studio Art	Honors Chemistry	Honors Pre-Calculus
			Honors Spanish IV
			Honors U.S. Literature

HBHS Grade Scale

GPA Point Value

Letter Grade	Weighted	Regular	Range
A+	5.00	4.33	97 - 100
A	4.67	4.00	93 - 96
A-	4.33	3.67	90 - 92
B+	4.00	3.33	87 - 89
B	3.67	3.00	83 - 86
B-	3.33	2.67	80 - 82
C+	3.00	2.33	77 - 79
C	2.67	2.00	73 - 76
C-	2.33	1.67	70 - 72
D+	2.00	1.33	67 - 69
D	1.67	1.00	63 - 66
D-	1.33	0.67	60 - 62
F	0.00	0.00	Below 60

Grade Point Average

A student's Grade Point Average (GPA) is determined at the end of each year. HBHS utilizes a partially-weighted system to calculate GPA. The highest possible GPA in freshman year is 4.33. Inclusion of weighted courses in sophomore through senior year raises the GPA scale to 5.00. Thus, the highest cumulative GPA at the end of sophomore year is 4.43; junior year is 4.62, and 4.71 at the end of senior year. This GPA calculation is based on a student enrolled in six weighted courses per year. However, due to scheduling constraints, some students may not be able to enroll in all weighted courses he/she requested during the course selection process. GPAs are recorded on the transcript both by year and cumulatively, and will be noted on the final report card of the year. It is the policy of the board to name the Valedictorian, Salutatorian and those students who rank numbers three through ten alphabetically at the end of their senior year and those students who rank one through ten at the end of their junior year. Please see policy IKC for further details.

Note: Dropping a class after the add/drop period will be reflected on a student's official transcript. If a student withdraws from a class after add/drop, a grade of WP or WF will be awarded based on the grade at the time of withdrawal and will not be factored into the calculation of GPA. If a student withdraws from a class at the quarter, the quarter grade will be entered and a WP or WF will be entered for the final grade. Any quarter grade of WP or WF prohibits students from being eligible for the quarter honor roll in which the withdrawal grade is awarded.

Academic Progress ~~Reports~~

Academic Progress is available to all students and parents at all times through the PowerSchool Parent Portal. General guidelines regarding the gradebook are as follows: teachers post grades generally within 10 days from a due date and will indicate, in the PowerSchool gradebook, a missed assignment within 3 days of the original due date. These reports inform students and parents about the progress or lack of progress that has taken place. In many instances, unsatisfactory and failing grades should be followed by a student-parent-teacher conference. Parents may also want to discuss any difficulties that their son/daughter might be experiencing with their child's counselor.

All seniors are notified in writing of their graduation requirements at the start of senior year and after mid-term exams. At the end of third quarter an additional letter will be sent for those students in danger of failing a graduation requirement. These notices are intended to keep students and parents informed of graduation progress and any deficiencies that may impede graduation.

CAVBlock

Students in grades 9-11 meet in their assigned CAVBlock three times per week to confer with teachers, collaborate with peers, and complete assignments. During this 45-minute period, students may sign up for enrichment activities, access the library, attend school assemblies, Guidance Department programs, and other scheduled school programs. Learning labs are available for those students who require additional classroom help.

Honor Roll

The scholastic Honor Roll is prepared and published at the end of each marking period to recognize outstanding academic achievement. Students must be carrying a minimum of six classes at Hollis Brookline High School to be eligible for honor roll designation. Students who drop a class and receive a grade of **WP** or **WF** as a quarter grade will be ineligible for honor roll for that term.

There are two honor roll classifications:

High Honors: Students who have received a grade of A- or higher in all subjects

Honors: Students who have received a grade of B- or higher in all subjects

Senior Options

The Senior Options Program allows 12th grade students in good academic standing to manage their time during the day when they are not scheduled for a class. The following privileges are available to seniors during their unassigned period.

- Use of the library, cafeteria and, when available, computer labs, music rooms and gym.
- The option of arriving to school after 7:~~40~~¹⁵am but prior to their first scheduled class, or leaving after their last class of the day, but prior to 2:~~30~~²⁴pm.

Junior Options

The Junior Options program allows grade 11 students in excellent academic standing to manage their time if they have a study hall at the first or last period of the day. Excellent academic standing means the student must have a cumulative GPA of 3.0 or higher. In order to take advantage of this program, juniors are required to be full time eleventh graders and have no D's, F's, no major disciplinary infractions in the previous quarter, and no unexcused absences or tardies during the previous quarter. The following privilege is available to juniors with Parent's/Guardian's permission during their first or last study period of the day.

- Arrival to school just prior to their first class if they have a regular study hall the period before.
- Departure from school after their last class of the day if they have a regular study hall after.

Course Registration Procedures

Course registration begins in January/February for returning high school students and in February for 8th grade students. The process is announced by teachers and the Guidance Department, to provide students and parents information to make appropriate course selections. Many courses have prerequisites and core courses require approval from the current teacher for enrollment. Students should discuss levels with their current teachers or core class instructors to ensure correct placement in courses. Courses are prioritized on a first-come/first-served basis once course registration closes; therefore, course registration deadlines are important. When courses fill, a wait list is established to ensure students have a fair opportunity to enroll in the classes. Students should always work with their counselor if they have any questions or concerns.

Restrictions on Course Selection

Students should choose electives at the grade level for which they are listed; however, upperclassmen may choose electives below their grade level providing there are no conflicts and there is space available.

Teacher Recommendations/Overrides

Teachers recommend the appropriate course selection for students. Experience has confirmed our belief that a student's current teacher is the most qualified person to make this recommendation based not only on the student's performance, but also on the teacher's evaluation of the student's potential and ability.

At times, parents may disagree with the teacher recommendation. When this occurs, we strongly encourage you to discuss the course selection with your child, the teacher and school counselor. Parents and students are highly cautioned about completing a **Course Override Form**. If a parent overrides a teacher recommendation and the student begins to experience difficulty in the class, **moving the student to a lower level may not be possible. In addition, your child's transcript will permanently reflect a grade of WP (withdraw/pass) or WF (withdraw/fail).** Please consider this decision carefully before taking this course of action. **Students who receive a quarter grade of WP or WF are ineligible for the quarter Honor Roll. An HBHS Override Form cannot be used to deviate from the scope and sequence of HBHS courses, and it cannot be used to override a prerequisite.**

Add/Drop Procedures

During the initial course registration phase students are asked to make their selections carefully since staff is hired and resources are allocated based on these requests. Once the master schedule is developed, **course changes are very limited.** In the event that a schedule adjustment is necessary, an add/drop period at the beginning of each semester allows students to enroll in the courses they request in a fair and equitable manner. Those who have an incomplete schedule or are in need of a graduation requirement are seen immediately. Add/Drop begins two days after the first full day of the fall semester and runs for three days. Full year courses may only be dropped during the fall add/drop period. Second semester add/drop begins two days after the start of the spring semester and runs for two days. Only second semester courses can be

adjusted at this time. Students must see their counselor and not the classroom teacher in order to make schedule changes. Wait lists are put in place to ensure fairness in the process, and students must attend the classes on their current schedule until changes have been made and a new schedule is processed by the Guidance Department.

Note: *Requests for class placement and/or specific teachers are not allowed. Students may not drop a full year course after the fall semester add/drop period.*

Level Changes

If a student is identified as inappropriately placed in a core course a request may be considered to change the level of the course. Level changes, when necessary, are considered at the 1st and 2nd quarter. The quarter grade will be entered for the course the student has been attending. A level change will result in a WP or WF entered for the final grade. The teacher of the new course will award grades for the remaining quarters and a student's GPA will be calculated based on the weight of the course when credit is awarded.

Overview of College Admission Requirements

The choice of a high school curriculum and course selection may limit or enhance college entrance opportunities and achievement in college. Students are strongly encouraged to take as demanding a schedule as possible where they will be successful. Most successful candidates for admission to college have taken *at least* four years of English, three plus years of college preparatory mathematics, laboratory science, and social studies. Successful candidates have also completed three years of study in a single world language. However, students must read specific college catalogs to be certain of their particular requirements especially in areas such as engineering, nursing and physical therapy. A major factor leading to success in college admission and as a college student is the academic preparation a student achieves in high school. Students need to consider this as they plan for their course selection each year.

The Guidance Department has developed a College Admission Handbook that reviews four-year course planning and the college admission process in detail. The handbook is available only through the Guidance website. Colleges are classified according to the selectivity of their admission requirements. Students should review these categories carefully as they plan for college.

College Selectivity

Colleges may be classified according to their standards for admission. Students should carefully review these categories as they plan for college.

Most Competitive

Even superior students will encounter a great deal of competition for admission to these colleges. In general, these colleges require a class rank in the top 10 percent and grade point averages of 4.0 and above. The strongest curriculum possible in high school is required. Average test scores of admitted students are 700 to 800 on each section of the Critical Reasoning SAT and 30 or above on the ACT. These colleges typically require at least three SAT Subject tests. These colleges admit only a small percentage of those who apply.

Highly Competitive

This group of colleges is looking for students with minimum grade point averages of 3.8 and accepts most of their students from the upper 10 to 20 percent of the high school class. A very strong high school curriculum is required. Average test scores of admitted students are 650 to 800 on each section the Critical Reasoning SAT and 28 and above on the ACT. These colleges recommend that prospective students take at least three

SAT Subject tests.

Very Competitive

The colleges in this category admit students whose grade point averages are no less than 3.6 and above, who rank in the top 25-30 percent of their graduating class, and who have taken a solid college preparatory and honors program in high school. Average test scores are in the 600 to 700 range on each section of the Critical Reasoning SAT and from 28 and above on the ACT.

Competitive

These schools enroll students with average test scores from 500 to 650 on each section of the Critical Reasoning SAT and from 23 to 28 on the ACT. Many colleges require a grade point average of 3.0-3.3 or higher in a solid college preparatory curriculum. Generally, these colleges prefer students in the top 30 to 40 percent of the graduating class.

Less Competitive

The colleges in this category look for students in the upper half of their graduating class who have taken a college preparatory program and have scored around 500 on each section of the Critical Reasoning SAT and 20-26 on the ACT. They admit students with a GPA range of 2.5.

Noncompetitive

Colleges in this category require only evidence of graduation from an accredited high school program or equivalent. Some require entrance examinations for course placement purposes.

Special Colleges

These colleges feature specialized programs of study. They include professional schools of art, music, or theater arts, or seminaries preparing students for the clergy. In general, admission requirements are not based on academic criteria but on evidence of talent or special interest in the area of study and often require an audition or portfolio of the student's work in order to be admitted.

Post High School Education

Some students benefit from a post graduate year of study. Students who do not feel academically, socially or emotionally ready to attend college have often found success with this option after graduation. There are a variety of schools that offer this year of study that helps students solidify their academic foundation enabling them to move on to a collegiate experience of their choice.

Post-High School Employment

Students who are interested in going on to a career immediately after high school may take advantage of career opportunities offered throughout their high school experience in order to enhance their opportunities. Employers will base their decision to employ a student on a variety of factors. These factors include high school diploma, grades, attendance record, recommendations from teachers and counselors, extracurricular activities, and personal characteristics.

Gap Year Programs

Students who would like to pursue a year of community service or volunteer opportunities prior to enrolling in college can pursue various Gap Year programs. The Guidance office has lists of organizations that offer various programs such as City Year, Habitat for Humanity, Internships, and many more.

Career Education

An ELO is an Extended Learning Opportunity. Registering for the following courses require that students follow an **application process** and that they work with the ELO coordinator and their school counselor. ELOs are learning opportunities that happen outside of the traditional classroom setting.

H976. Internship 1

Gr. 12 .25 – 1.5 Credit Semester

Prerequisite: Students must complete an ELO internship application.
(Career Education)

An internship is a temporary, unpaid position where a student is paired with a professional in the community in order to gain practical experience in an occupation or profession. This course is designed for ~~a limited number of~~ motivated students seeking career exposure in a specific field. ~~You must complete the application available in the Guidance Office and then~~ You must meet with the ELO coordinator and school counselor about placement and availability. Acceptance into this course is based on attendance, GPA and discipline record. Students may earn up to one academic credit for Internship. Students are required to work at a career-focused job site for a minimum of ~~4070~~ 40 hours = .25 credit, 70 hours = .5 credit, 120 hours = 1 credit. Students will have scheduled meetings to review course progress. ~~Interns will keep a weekly journal, log hours, and complete a final career presentation.~~ There are four required components: 1) reflection, 2) research, 3) product, and 4) presentation.

H977. Internship 2

Gr. 12 .25 – 1.5 Credit Semester

Prerequisite: Students must complete an ELO internship application.
(Career Education)

This course is designed for students who would like to extend their Internship 1 placement, with approval from the work site mentor. Course expectations are consistent with the Internship 1 Course.

Career Studies ELO

Gr 11-12 .5 Credit Semester

Prerequisite: Students must complete an ELO application.
(Career Education)

Career Studies is an opportunity for a student to investigate a specific occupation or career path. This learning experience requires the student to conduct independent research, informational interviews with professionals and job shadows when appropriate. There are four required components: 1) reflection, 2) research, 3) product, and 4) presentation.

H1001. Work Study 1

Gr. 11-12 .5 Credit Semester

Prerequisite: Students must be employed three weeks prior to enrolling in this course.
(Career Education)

By participating in this paid, out-of-school employment experience, students will increase work skills for employability and increase self-confidence for workplace readiness. Students must make an appointment with the school counselor to review course expectations and to complete paperwork. Student must return a contract signed by the employer and must submit documentation that he/she is working a minimum of ten hours per week. Students will meet with a counselor as scheduled, to

review fulfillment of work that is directly related to the employment experience. In order to remain in this course, students must complete the above requirements when they are due and receive positive performance reports from their employer.

Note: *Termination of employment by either the student or the employer prior to the end of the term will result in a grade of WF (withdraw/fail) and loss of credit.*

H1002. Work Study 2 **Gr. 11-12** **.5 Credit** **Semester**

Prerequisite: Students must be employed three weeks prior to enrolling in this course.
(Career Education)

This course is designed for student who would like to extend in their work study placement. Course expectations are consistent with the Work Study 1 program:

H975. Aide Positions

Gr. 11-12

.25 Credit

Semester

Aide positions are available in the following departments: Academic teachers, Office, Guidance, Library, Athletics and Health Office. Students must gain permission from the requested faculty member as well as school counselor, administrator, and parent to pursue this credit. Grades are awarded as Pass/Fail only and students cannot earn more than 1 credit during their high school career. Pass/Fail grades do not count toward a student's GPA.

Please note: Students may only **TA** in a course they have previously completed.

*For **Career and Technical Education Programs** offered at other high schools
Please see page 70 for course descriptions and information.*

Computer & Technology Education

HBHS is now partnering with Project Lead the Way. As outlined on their website, the **PLTW Engineering Program** provides opportunities to develop highly transferable skills in collaboration, communication, and critical thinking, which are relevant for any coursework or career. It is more than just another high school engineering program. It is about applying engineering, science, math, and technology to solve complex, open-ended problems in a real-world context. Students focus on the process of defining and solving a problem, not on getting the "right" answer. They learn how to apply STEM knowledge, skills, and habits of mind to make the world a better place through innovation.

PLTW courses may be offered as a dual-credit enrollment with New Hampshire Institute of Technology.

~~H352. ICT Digital Portfolio (ICT) Gr. 9-12 .5 Credit~~

~~Demonstration of competency in Information and Communication Technology (ICT) is required by New Hampshire State Graduation Requirements. All students will complete a digital portfolio using artifacts created in regular content courses. Completion of this portfolio is graded Pass/Fail.~~

~~H356. Introduction to Graphic Arts Gr. 9-12 .5 Credit Semester (Practical Arts)~~

~~Using Adobe Illustrator, Photoshop, and InDesign, students learn the art of combining graphic design principles (line, shape, color, value, texture, and form) with typography to visually and creatively communicate information.~~

~~H363. Web Page Design Gr. 10-12 .5 Credit Semester (Practical Arts)~~

~~The presentation of website content has to look good, but it also has to be easy to navigate so visiting the site is a positive experience. Good web design requires balanced attention to both a site's graphic design and to its functionality. Similarly, this course provides balanced instruction in applying elements of visual design and in using web authoring tools to bring design ideas to fruition. These tools include XHTML, Flash, and Cascading Style Sheets (CSS). Software used will include Adobe Dreamweaver and Flash. Students will apply what they are learning about web design to create real sites for real clients.~~

~~H353. Computer Science Principles Gr. 9-12 .5 Credit Semester (Practical Arts & ICT)~~

~~Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. With a unique focus on creative problem solving and real-world applications, Computer Science Principles prepares students for future computer sciences courses, college and career.~~

~~**Please note:** Students who completed Intro to Computer Science are not eligible to enroll in this course.~~

~~**H362. Advanced Placement Computer Science** **Gr. 10-12** **1 Credit** **Full Year**
Weighted Course~~

~~**Prerequisite:** A grade of B or higher in Algebra 2 or permission of Department Chair
(Practical Arts & ICT)~~

~~This course is an introduction to the Java programming language and prepares students for the AP Computer Science exam. It is designed to give students a foundation in programming methodology and Java syntax. Topics include primitive data types, arithmetic, relational, and assignment operators, string concatenation, input/output, decision and looping structures, and arrays. Emphasis is placed on programming methodology, recursion-procedural abstraction, algorithms, data structures, and data abstraction.~~

~~**Note:** Successful completion of the AP Computer Science exam may entitle the student to receive college credit, depending on the policy of the individual college and the test score. Students are expected to take the AP Computer Science exam at the end of this course for a fee of approximately \$95, payable to the College Board. Financial assistance is available to those who qualify for SAT waivers.~~

~~**H358. Computers & Technology** **Gr. 9-12** **.5 Credit** **Semester**
(Practical Arts & ICT)~~

~~This course will introduce students to skills needed to perform many tech support tasks. Designed as a hands-on course, students will analyze computer components, study network design and troubleshooting as well as installation of software and hardware.~~

~~**H704. Robotics 1** **Gr. 9-12** **.5 Credit** **Semester**
(Practical Arts)~~

~~In this project-oriented, hands-on course, students will be exposed to basic robotics, simple machines, open-looped and closed-loop systems, sensors, feedback, and real world robotics applications. Students will use Mind-storm kits to experiment with robotics and robotic mechanisms. This class requires students to work independently as well as in a group. This class is for self-motivated students with an interest in technology, robotics, or gadgets.~~

~~**H705. Robotics 2** **Gr. 9-12** **.5 Credit** **Semester**
Prerequisite: Grade of "C" or better in Robotics 1 or permission of Department Chair
(Practical Arts)~~

~~This is a highly project-oriented, hands-on course that teaches students various aspects of robotics technology. Students explore many topics, including the physics of motion, control systems, microprocessors, programming, sensors, and robot fabrication techniques. Students gain first-hand experience creating small, functional, mobile robots for a variety of tasks.~~

~~**H710P. PLTW Digital Electronics** **Gr. 10-12** **1 Credit** **Full Year**
Prerequisite: Algebra 1 or permission of Department Chair
(Practical Arts)~~

~~This is a hands-on pre-engineering course that teaches electronics, from basic circuit and electrical principles to digital concepts and devices. Students learn through theory and practice about electricity, digital logic, Boolean algebra, simplification, programmable logic devices, microprocessors, and a vast array of related topics. This course is an excellent introduction for students who are considering electrical engineering as a career path. This is a hardware course with limited programming content.~~

~~**Note:** This course is taught as a dual-credit enrollment with the New Hampshire Institute of Technology. Students who enroll as dual credit and successfully complete this course will be awarded 3 college credits through NHTI as well as 1 credit from HBHS. There is a mandatory \$150 NHTI course fee. There is a possibility that students will be able to choose to get their dual enrollment credit through the Rochester Institute of Technology instead.~~

~~**H701P. PLTW Intro to Engineering Design** **Gr. 9-12** **1 Credit** **Full Year**~~

~~Prerequisite: Algebra 1
(Practical Arts)~~

~~In this course, students will dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and use an engineering notebook to document their work.~~

~~**Note:** This course is taught as a dual-credit enrollment with the New Hampshire Institute of Technology. Students who enroll as dual credit and successfully complete this course will be awarded 3 college credits through NHTI as well as 1 credit from HBHS. There is a mandatory \$150 NHTI course fee. There is a possibility that students will be able to choose to get their dual enrollment credit through the Rochester Institute of Technology instead.~~

~~**H706P. PLTW Principles of Engineering** **Gr. 10-12** **1 Credit** **Full Year**~~

~~Prerequisite: Algebra 1 and Geometry; should be taken concurrently with Algebra 2, or permission of Department Chair
(Practical Arts)~~

~~This course explores basic engineering concepts in an exciting hands-on environment. Topics include simple machines, strength of materials, thermodynamics, statistics, and structure strength. Through project-based learning, students discover the many fields of engineering, including electrical and mechanical. This course includes challenging projects, using a wide variety of technology tools that complement the course material.~~

~~**Note:** This course is taught as a dual-credit enrollment with the New Hampshire Institute of Technology. Students who enroll as dual credit and successfully complete this course will be awarded 3 college credits through NHTI as well as 1 credit from HBHS. There is a mandatory \$150 NHTI course fee. There is a possibility that students will be able to choose to get their dual enrollment credit through the Rochester Institute of Technology instead.~~

~~**H262. Senior Quest** **Gr. 12** **1 Credit** **Full Year**~~

~~A cross-disciplinary 21st Century independent project
Prerequisite: By application only. Limited to 30 students.
Elective Credit is Awarded~~

~~A capstone to the academic career of those enrolled, Senior Quest offers students a chance to engage in a self-directed, project-based process aided by a faculty adviser. Throughout the year, Senior Quest students will develop their skills as critical thinkers, collaborators, creators, and communicators as they explore a subject of deep, personal interest. The students' project development will unfold in four phases, coinciding with each quarter, which they will document via an original website dedicated to showcasing~~



~~their experience. Their endeavor will culminate in a finished project or performance presentation open to HBHS faculty, students, and community.~~

~~**Senior Quest: Honors by Contract**~~

~~Weighted Course~~

~~Students enrolled in Senior Quest have the option of Honors by Contract. To be eligible for Honors Credit, students must agree to the terms outlined in a contract determined by the Senior Quest teacher at the beginning of the year.~~

Computer Education

H352. ICT Digital Portfolio (ICT)

Gr. 9-12

.5 Credit

Demonstration of competency in Information and Communication Technology (ICT) is required by New Hampshire State Graduation Requirements. All students will complete a digital portfolio using artifacts created in regular content courses. Completion of this portfolio is graded Pass/Fail.

H363. Web Page Design

Gr. 10-12

.5 Credit

Semester

(Practical Arts)

The presentation of website content has to look good, but it also has to be easy to navigate so visiting the site is a positive experience. Good web design requires balanced attention to both a site's graphic design and to its functionality. Similarly, this course provides balanced instruction in applying elements of visual design and in using web authoring tools to bring design ideas to fruition. These tools include XHTML, Flash, and Cascading Style Sheets (CSS). Software used will include Adobe Dreamweaver and Flash. Students will apply what they are learning about web design to create real sites for real clients. Web Design is a project-based course that uses the CodeHS Web Design tool to teach students how to build their own web pages. Students will learn the language HTML and CSS, and will create their own live homepages to serve as portfolios. By the end of this course, students will be able to explain how web pages are developed and viewed on the Internet, analyze and fix errors in existing websites, and create their own multi-page websites. Students will learn the foundations of user interface design, rapid prototyping and user testing, and will work together to create professional, mobile responsive websites.

H535. Computer Science Principles +

Gr. 9-12

.5 Credit

Semester

(Practical Arts & ICT)

This course is a first year computer science course introducing the basics of programming with Karel, the basics of designing a web page, and how information is represented digitally and sent over the internet. Students will create a personal portfolio website showing projects they build throughout the course. With a unique focus on creativity, problem solving, and project based learning, this course gives students the opportunity to explore several important topics of computing, using their own ideas and creativity to develop an interest in computer science that will foster further endeavors in the field.

H353. Computer Science Principles

Gr. 9-12

.5 Credit

Semester

(Practical Arts & ICT)

Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. With a unique focus on creative problem solving and real-world applications, Computer Science Principles prepares students for future computer sciences courses, college and career.

Please note: Students who completed Intro to Computer Science are not eligible to enroll in this course.

H362. Advanced Placement Computer Science + **Gr. 10-12** **1 Credit** **Full Year**
Weighted Course

Prerequisite: A grade of B or higher in Algebra 2 or permission of Department Chair
(Practical Arts & ICT)

This course is an introduction to the Java programming language and prepares students for the AP Computer Science exam. It is designed to give students a foundation in programming methodology and Java syntax. Topics include primitive data types, arithmetic, relational, and assignment operators, string concatenation, input/output, decision and looping structures, and arrays. Emphasis is placed on programming methodology, recursion procedural abstraction, algorithms, data structures, and data abstraction.

Note: Successful completion of the AP Computer Science exam may entitle the student to receive college credit, depending on the policy of the individual college and the test score. Students are expected to take the AP Computer Science exam at the end of this course for a fee of approximately \$95, payable to the College Board. Financial assistance is available to those who qualify for SAT waivers.

H709. Video Game Design +
(Practical Arts)

Students will explore the concepts of computer programming, methods, and algorithms, including memory management, decision making, looping, objects, and lists. Students will learn why programming languages are a vehicle for implementing computer-based solutions to modern day business problems, scientific exploration, and world event-driven problems. Students will program games and solutions to real-world problems using Javascript algorithms to build interactive Android Apps. Students will have the opportunity to explore several important topics of computing, using their own ideas and creativity to develop an interest in computer science that will foster further endeavors in the field.

H358. Computers & Technology **Gr. 9-12** **.5 Credit** **Semester**
(Practical Arts & ICT)

This course will introduce students to skills needed to perform many tech-support tasks. Designed as a hands-on course, students will analyze computer components, study network design and troubleshooting as well as installation of software and hardware.

Engineering

HBHS is now partnering with Project Lead the Way. As outlined on their website, the **PLTW Engineering Program** provides opportunities to develop highly transferable skills in collaboration, communication, and critical thinking, which are relevant for any coursework or career. It is more than just another high school engineering program. It is about applying engineering, science, math, and technology to solve complex, open-ended problems in a real-world context. Students focus on the process of defining and solving a problem, not on getting the "right" answer. They learn how to apply STEM knowledge, skills, and habits of mind to make the world a better place through innovation.

PLTW courses may be offered as a dual-credit enrollment with New Hampshire Institute of Technology.

H704. Robotics 1 +	Gr. 9-12	.5 Credit	Semester
<u>(Practical Arts)</u>			

In this project-oriented, hands-on course, students will be exposed to basic robotics, simple machines, open-looped and closed-loop systems, sensors, feedback, and real world robotics applications. Students will use Mind storm kits to experiment with robotics and robotic mechanisms. This class requires students to work independently as well as in a group. This class is for self-motivated students with an interest in technology, robotics, or gadgets.

H705. Robotics 2 +	Gr. 9-12	.5 Credit	Semester
<u>Prerequisite: Grade of "C" or better in Robotics 1 or permission of Department Chair</u>			
<u>(Practical Arts)</u>			

This is a highly project-oriented, hands-on course that teaches students various aspects of robotics technology. Students explore many topics, including the physics of motion, control systems, microprocessors, programming, sensors, and robot fabrication techniques. Students gain first-hand experience creating small, functional, mobile robots for a variety of tasks.

H710P. PLTW Digital Electronics +	Gr. 10-12	1 Credit	Full Year
<u>Prerequisite: Algebra 1 or permission of Department Chair</u>			
<u>(Practical Arts)</u>			

This is a hands-on pre-engineering course that teaches electronics, from basic circuit and electrical principles to digital concepts and devices. Students learn through theory and practice about electricity, digital logic, Boolean algebra, simplification, programmable logic devices, microprocessors, and a vast array of related topics. This course is an excellent introduction for students who are considering electrical engineering as a career path. This is a hardware course with limited programming content.

Note: This course is taught as a dual-credit enrollment with the New Hampshire Institute of Technology. Students who enroll as dual credit and successfully complete this course will be awarded 3 college credits through NHTI as well as 1 credit from HBHS. There is a mandatory \$150 NHTI course fee.

There is a possibility that students will be able to choose to get their dual enrollment credit through the Rochester Institute of Technology instead.

H701P. PLTW Intro to Engineering Design +**Gr. 9-12****1 Credit****Full Year**Prerequisite: Algebra 1(Practical Arts)

In this course, students will dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and use an engineering notebook to document their work.

Note: This course is taught as a dual-credit enrollment with the New Hampshire Institute of Technology. Students who enroll as dual credit and successfully complete this course will be awarded 3 college credits through NHTI as well as 1 credit from HBHS. There is a mandatory \$150 NHTI course fee.

There is a possibility that students will be able to choose to get their dual enrollment credit through the Rochester Institute of Technology instead.

H706P. PLTW Principles of Engineering +**Gr. 10-12****1 Credit****Full Year**

Prerequisite: Algebra 1 and Geometry; should be taken concurrently with Algebra 2, or permission of Department Chair

(Practical Arts)

This course explores basic engineering concepts in an exciting hands-on environment. Topics include simple machines, strength of materials, thermodynamics, statistics, and structure strength. Through project-based learning, students discover the many fields of engineering, including electrical and mechanical. This course includes challenging projects, using a wide variety of technology tools that complement the course material.

Note: This course is taught as a dual-credit enrollment with the New Hampshire Institute of Technology. Students who enroll as dual credit and successfully complete this course will be awarded 3 college credits through NHTI as well as 1 credit from HBHS. There is a mandatory \$150 NHTI course fee.

There is a possibility that students will be able to choose to get their dual enrollment credit through the Rochester Institute of Technology instead.

H262. Senior Quest**Gr. 12****1 Credit****Full Year**A cross-disciplinary 21st Century independent projectPrerequisite: By application only. Limited to 30 students.Elective Credit is Awarded

A capstone to the academic career of those enrolled, Senior Quest offers students a chance to engage in a self-directed, project-based process aided by a faculty adviser. Throughout the year, Senior Quest students will develop their skills as critical thinkers, collaborators, creators, and communicators as they explore a subject of deep, personal interest. The students' project development will unfold in four phases, coinciding with each quarter, which they will document via an original website dedicated to showcasing their experience. Their endeavor will culminate in a finished project or performance presentation open to HBHS faculty, students, and community.

Senior Quest: Honors-by-ContractWeighted Course

Students enrolled in Senior Quest have the option of Honors by Contract. To be eligible for Honors Credit, students must agree to the terms outlined in a contract determined by the Senior Quest teacher at the beginning of the year.



English

All students need 4.5 English credits for a Hollis Brookline High School diploma. These credits include **Grade 9:** English Nine, 1 credit; **Grade 10:** English Ten, 1 credit and Writing, .5 credit; **Grade 11:** U.S. Literature, Honors U.S. Literature or AP English Language, 1 credit; **Grade 12:** English electives.

H111. English Nine Read

Gr. 9

1 Credit

Full Year

Prerequisite: Recommendation of Department Chair and/or Case Manager
(English Nine)

English Nine Read is a basic, introductory language arts course designed to meet the needs of students deficient in reading skills. Students work extensively in the areas of vocabulary building and reading development. Admission to the course will depend, in part, on the results of standardized reading tests. Other factors to be considered are teacher recommendations and other school specialists' input.



H112. English Nine (English Nine)

Gr. 9

1 Credit

Full Year

English Nine is an introductory language arts course. Areas of study are composition, reading, vocabulary development, reading development, literature, research and library skills, and daily language activities focusing on punctuation, grammar, and usage. The reading list includes an introduction to selected classic and contemporary literature, surveying the genres of the short story, the novel, drama, and poetry. Students develop skills in reading for detail as well as for overall comprehension. They refine their understanding of paragraph development and practice basic techniques of writing in various forms, including the essay. Students practice oral communication skills through participation in a speech unit.



H113. Accelerated English Nine (English Nine)

Gr. 9

1 Credit

Full Year

Accelerated English Nine is intended for those students who have demonstrated a mastery of many of the skills detailed in the English Nine course description. They should write proficiently, read insightfully, and articulate skillfully. Areas of study include those listed for English Nine, with additional emphasis on more intensive literary interpretation. Admission to this course is based on the recommendation of the student's 8th grade English teacher. *(Students who select this class will be required to complete reading/assignments during the **previous** summer.)*

H121. English Ten Read

Gr. 10

1 Credit

Full Year

Prerequisite: Recommendation of Department Chair and/or Case Manager
(English Ten)

English Ten Read is a continuation of English Nine Read. An emphasis on oral reading is intended to sharpen fluency and comprehension. There will be a continuation of essay writing for a variety of purposes with an emphasis on organization of ideas. Special units of study may include study skills, test-taking skills, speaking and listening skills, reading comprehension, and grammar, as needed. Admission to the course is based on the recommendations of the student's 9th grade English teacher.

**H122. English Ten****Gr. 10****1 Credit****Full Year***Prerequisite: English Nine**(English Ten)*

English Ten is a continuation of English Nine, focusing on composition, vocabulary and reading development, literature, and daily language activities in punctuation, grammar, and usage. Composition work is expanded to include longer formal and informal essays. The study of the novel, play, short story, and poetry emphasizes more sophisticated methods of literary analysis. The literary essay may be introduced as an additional genre. Students practice oral communication skills through participation in a speech unit. The course also includes weekly vocabulary development and the basic library skills necessary to complete a research project or paper.

**H123. Accelerated English Ten****Gr. 10****1 Credit****Full Year***Prerequisite: A grade of B- or higher in English Nine and teacher recommendation**(English Ten)*

Accelerated English Ten includes those areas listed in English Ten, with emphasis on abstract, critical thinking, literary criticism, and more extensive library research. Admission to Accelerated English Ten is based on the recommendation of the student's 9th grade English teacher. *(Students who enroll in this course will be required to complete a summer assignment **prior** to the start of class.)*

H136. Writing**Gr. 10****.5 Credit****Semester***(Writing)*

This 10th grade requirement is a half-year course that improves students' performance in the four domains of descriptive, narrative, expository, and persuasive writing. Course work includes basic skills needed in everyday written communication and in academic assignments, as well as writing for enjoyment. Student evaluation is based on all the stages of the writing process, including drafting, revising, editing, and final product. Students are expected to participate in teacher conferences and peer response groups in order to develop the ability to evaluate, revise, and edit writing. As a major unit, students will demonstrate mastery in a culminating project that includes a formal research paper; students may be required to present parts of this project to their classmates.

H136C. Running Start College Composition (Writing)**Gr. 10****.5 Credit****Semester***Prerequisite: Recommendation of 9th grade teacher*

~~**Note:** This 10th grade course is taught as a dual-credit enrollment with Nashua Community College. Students who enroll as dual-credit and successfully complete this course will be awarded 3 college credits through NCC as well as .5 credit from HBHS. There is a mandatory \$150 NCC course fee plus \$50 for a required text.~~

Students learn to write clearly and effectively for defined audiences through a range of strategies. Emphasis is on the writing process from pre-writing through drafting, revising, and editing. Students gain confidence by learning the basic principles of effective expository composition and the application of these principles in writing essays and documented papers. Students become aware of the variety of strategies, behaviors, habits, and attitudes and choose those that help them improve. Students also will read and examine an assortment of writers and writing styles.

Note: This 10th grade course is taught as a dual-credit enrollment with Nashua Community College (NCC) through the Running Start program. Students who enroll for dual credit and successfully complete this course will be awarded 3 college credits through NCC as well as .5 credits from HBHS. Per the Humanities Department at NCC, students are allowed no more than five absences for the semester. If a student exceeds this number of absences, no college credit can be awarded. There is a mandatory \$150 NCC course fee plus \$50 for a required text. Payment and official enrollment for college credit are typically required 3-5 weeks into the course.

H132. Fundamentals of English**Gr. 11-12****1 Credit****Full Year**

Prerequisite: Recommendation of Department Chair and/or Case Manager
(U.S. Literature)

This course is designed to strengthen the basic skills of reading, writing, speaking, and listening. Emphasis will be placed on developing and strengthening oral and independent reading skills. Students will write for a variety of real-world and academic purposes and use these skills to successfully analyze, interpret, and explain different kinds of information. Course readings focus on a mixture of fiction and nonfiction texts. In addition to reading and writing, units will focus on developing and reinforcing communication skills. Placement in this course is determined by teacher referral, departmental assessments, or performance on required state assessments.

**H151. United States Literature****Gr. 11****1 Credit****Full Year**

Prerequisite: English Ten
(U.S. Literature)

This course involves reading and interpreting texts in a variety of genres, from a wide range of writers from different periods in American literary history. Material is organized around a number of specific themes, including, for example, "Individual Needs and Social Expectations," "The Nature of American Freedom," "The American Dream," "Times of Conflict," and "The Expanding Nation." Students are taught to read with greater understanding and insight, exposed to numerous on-demand writing experiences, and expected to participate productively in large and small group discussions. The course also includes weekly language activities focused on punctuation, grammar, and usage, as well as a year-long vocabulary program. Students will also complete a research paper incorporating literary criticism.

**H171. Honors United States Literature****Gr. 11****1 Credit****Full Year**

Weighted Course

Prerequisite: A grade of B- or higher in English Ten and teacher recommendation
(U.S. Literature)

This course is recommended for students who have demonstrated that they can both read with advanced understanding and insight as well as write with sophisticated voice and purpose. Honors United States Literature students must demonstrate competency in formal writing, public speaking, critical thinking, prepared academic discussion, independent study, and well-developed listening and note-taking skills. Furthermore, students electing this honors-level course do so with the expectation of lengthy daily reading assignments and frequent, challenging research and critical analysis essays. The course also includes weekly language activities focused on punctuation, grammar, and usage, as well as a year-long vocabulary program. The requirements and subject matter of this course are designed as a preparation for post-secondary education and demand a personal and academic commitment. Students will be exposed to a variety of literary genres and a myriad of works by American authors.

Note: Students will be required to complete a summer assignment **prior** to the start of class.

**H154. Advanced Placement English Language & Composition****Gr. 11 1 Credit****Full Year**

Weighted Course

Prerequisite: A grade of B- or higher in English Ten and teacher recommendation
(U.S. Literature)

This college level course involves the reading and interpretation of representative texts in a variety of

genres. The AP English Language curriculum balances fiction and non-fiction helping students deepen their understanding and awareness of how language works by focusing on three skills: analysis (with a focus on rhetoric), argument, and synthesis. Students focus on nonfiction (essays, biographies, autobiographies, speeches, newspaper and magazine articles) as well as texts by a number of classic American authors. Students will consider the visual media that surrounds them whether spoken, displayed, or broadcasted. Students will write timed essays in class as well as completion of essays requiring multiple drafts, revision conferencing and final proofreading. This course is recommended for students who have an appreciation for language, have demonstrated they can read with considerable understanding and insight, and can write correctly, effectively, and gracefully. Students electing this AP course should expect longer daily reading assignments as well as frequent, challenging writing assignments. *Students will be required to complete an extensive and demanding assignment during the summer.*

Note: Successful completion of the AP English Language exam may entitle the student to receive college credit, depending on the policy of the college and the test score. Students are expected to take the AP English Language exam at the end of this course for a fee of approximately \$95, payable to the College Board. Financial assistance is available to those who qualify for SAT waivers.

The Elective Program in English

The English elective program offers students an opportunity to select courses that serve their individual interests and needs. It is designed to provide students with a range of academic choices aligned with the HBHS Core Values. Accordingly, all English electives promote the following skills: reading and writing fluently, expressively, and accurately; listening and speaking with sensitivity and discrimination; problem solving logically and analytically; using creative abilities in original and productive ways; and using critical abilities to recognize and value excellence and quality.

The degree of course difficulty varies within the program. Students and parents should read the course descriptions carefully to ensure selection of the appropriate elective. Degree of difficulty is clarified in the course description. At times, specific recommendations are included to assist in the selection.



H184. Advanced Placement English Lit. & Composition

Gr. 12

1 Credit

Full Year

Weighted Course

Prerequisite: A grade of **B-** or higher in 11th grade English and teacher recommendation (English)

The AP English Literature and Composition course is designed to engage students in the careful reading and critical analysis of literature. Through the close reading of selected texts, students will develop their understanding of the ways writers use language to provide both meaning and pleasure for their readers. Students will consider a work's structure, style, and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone. Writing is an integral part of this course: assignments will focus on the critical analysis of literature and include expository, analytical, and argumentative essays. Units include practice in timed-essay writing and applying the various forms of literary criticism. Although critical analysis makes up the majority of student writing for the course, well-constructed creative writing assignments help students see from the inside how literature is written. Participation in the course will be based on previous grades and departmental recommendation. Students electing this AP course should expect longer daily reading assignments as well as frequent, challenging writing assignments. *Students will be required to complete an extensive and demanding assignment during the summer.*

Note: Successful completion of the AP English Literature exam may entitle the student to receive college credit, depending on the policy of the individual college and the test score. Students are expected to take the

AP English Literature exam at the end of this course for a fee of approximately \$95, payable to the College Board. Financial assistance is available to those who qualify for SAT waivers.



H137. Advanced Writing

Gr. 11-12

.5 Credit

Semester

Prerequisite: Writing
(English)

This course is designed to meet the needs of motivated, disciplined writers. Course content focuses on fiction, prose, personal essays, poetry and writing portfolios. The instructor encourages students to contact colleges, pursue publication opportunities, and enter creative writing contests, to extend students' mastery of the writer's craft. Students produce a portfolio of work, which they may use as a part of their college application.

H146. Advanced Media & Publishing

Gr. 11-12

1 Credit

Full Year

H147. Advanced Media & Publishing

Gr. 11-12

.5 Credit

Semester

Prerequisite: Grade of B- or higher in Journalism 1 and one other writing elective and/or permission from instructor.
(English)

Students in this course oversee, contribute to, and produce one or more of the following: the CavChronLINE (online newspaper), the *Excalibur* yearbook, AMP students fulfill leadership roles such as editor-in-chief, assistant editor, or section/media editor, and are expected to commit after-school hours to one of the school's publications for a semester or a year. In addition to gaining skills in writing, media production, and publishing, students learn necessary skills to help run an organization and produce a product that reaches a community of readers and consumers.



H164. Film Studies

Gr. 10-12

.5 Credit

Semester

(English)

This introduction to film studies is designed to help students develop a greater appreciation for film. Students will explore and analyze elements of classical and contemporary films in a wide variety of genres through literary, dramatic, and cinematic lenses. In addition, students will examine basic film theory and criticism from an historical and cultural perspective. Evaluation will be based on oral and written expression, independent projects, and assigned readings.



H180. Honors Literature

Gr. 12

1 Credit

Full Year

H183. Honors Literature

Gr. 12

.5 Credit

Semester

Prerequisite: A grade of B- or higher in 11th grade English and teacher recommendation
Weighted Course
(English)

Honors Literature is an advanced level program intended for students who have demonstrated a high aptitude in the areas of reading comprehension, literary interpretation, and writing about literature. Honors Literature students read substantial portions of the Bible and numerous texts from the literatures of Greece and Rome. In addition to improving traditional language arts skills, the examination of this important body of literature enhances and enriches students' engagement with all Western literature and history, preparing them for college-level humanities courses.

Note: *Students will be required to complete an extensive and demanding summer assignment prior to the start of class. Students may sign up for a semester or a full year class.*



H140. Journalism 1
(English)

Gr. 10-12

.5 Credit

Semester

Students in this course learn and apply twenty-first century writing technology and communication tools. Additionally, students will serve as staff writers, design members, marketing team members, and staff photographers for CavChronLINE (online newspaper) and the *Excalibur* yearbook. Because students in this course work on real projects with real consumers, this course also provides hands-on experience for the world of work, including functioning as part of a team, meeting project deadlines, working with new technology, and communicating with the public.



H150. Journalism 2

Gr. 10-12

.5 Credit

Semester

Prerequisite: A grade of B- or higher in Journalism 1
(English)

Students in this course continue to learn twenty-first century writing technology and communication tools. Additionally, students will serve as staff writers, design members, marketing team members, and staff photographers for CavChronLINE (online newspaper) the *Excalibur* yearbook.. Because students in this course work closely with Journalism 1 students, the course also provides experience in peer-coaching and team leadership. Students produce a portfolio of work, which they may use as part of their college application.



H138. Memoirs and Biography 1 ↓
H133. Memoirs and Biography 2 ⚡
(English)

Gr. 11-12

.5 Credit

Semester 1

Gr. 11-12

.5 Credit

Semester 2

This elective focuses on reading memoirs and biographies chronicling real-life situations in which individuals have overcome significant adversities. These adversities may range from overcoming racism, coping with and learning about serious illness, to surviving family hardships. The course involves reading memoirs, biographies, and autobiographies for enjoyment, comprehension, and interpretation. Students will also be expected to write memoirs based on personal experiences as well as other genres of writing. Each unit will also include vocabulary work, research and oral/visual projects, and daily language activities focused on punctuation, grammar, and usage.



H139. Poetry

Gr. 11-12

.5 Credit

Semester

Prerequisite: Writing
(English)

Poetry focuses on the potential for beauty and communication inherent in the English language. Through both reading and writing, participants explore the secret lives of words, investigating how and why they exist in poetry and poetics. At the core of this course is the recognition that carefully chosen, effectively arranged words have the ability to evoke powerful thoughts and emotions in the reader. Students produce a portfolio of work, which they may use as part of their college application. Poetry is recommended for those students who intend to go on to post-secondary education.

H141. Popular Reading

Gr. 11-12

1 Credit

Full Year

H143. Popular Reading

Gr. 11-12

.5 Credit

Semester

Prerequisite: Recommendation of Department Chair, and/or Case Manager

(English)

Popular Reading is intended for those students who enjoy reading, have difficulty with assigned reading in other English courses and require assistance with writing, organization and study skills. Alternating between fiction and non-fiction, students read novels, as well as newspapers, magazines, essays, biographies, and popular histories. Participants prepare written reactions to these readings and participate in daily discussions.



H185. Science Fiction (English)

Gr. 10-12

.5 credit

Semester

Science fiction often reflects the way we live in the twenty-first century and informs how we understand our world. This course will examine science fiction through some of its most influential works in the novel, short story, graphic novel and film formats. Students will be expected to respond to the readings via an online journal, participate in class discussions both online and in person, write short researched analysis pieces, and produce a creative piece using research. In addition, science fiction films (either whole or in part) will be viewed and analyzed. By the end of the course students are expected to have an understanding of the genre and identify its broad cultural impact.



H152. Running Start World Literature

Gr. 12

1 Credit

Full Year

H153. World Literature

Gr. 12

.5 Credit

Semester

(English)

~~**Note:** This 12th grade course is taught as a dual credit enrollment with Nashua Community College. Students who enroll as dual credit and successfully complete this course will be awarded 3 college credits through NCC as well as .5 credit from HBHS, per semester. There is a mandatory \$150 NCC course fee plus \$50 for a required text.~~

~~This course may be taken for college credit through the Running Start Program.~~ Focus is on writing about literature. Reading selections range from ancient through modern texts from around the world including the British Isles, the Mediterranean, Western Europe, Africa, the Middle East, and Latin America. Discussion and writing about universal themes and issues in literature is the primary focus. Selections include readings from many genres: fiction, non-fiction, drama, poetry, and film. The course balances close reading of some selections and wide reading of others. Research or oral/visual projects as well as daily language activities focusing on grammar, punctuation, and usage are integrated into each unit. Structured essays that analyze and synthesize information from the readings are also components of the course.

Note: This 12th grade course is taught as a dual-credit enrollment with Nashua Community College (NCC) through the Running Start program. Students who enroll for dual credit and successfully complete this course during the spring semester only will be awarded 3 college credits through NCC as well as .5 credits from HBHS. Per the Humanities Department at NCC, students are allowed no more than four absences for the semester. If a student exceeds this number of absences, no college credit can be awarded. There is a mandatory \$150 NCC course fee plus \$50 for a required text. Payment and official enrollment for college credit are typically required 3-5 weeks into the course.



H262. Senior Quest

Gr. 12

1 Credit

Full Year

A cross-disciplinary 21st Century independent project

Prerequisite: By application only. Limited to 30 students.

Elective Credit is Awarded

A capstone to the academic career of those enrolled, Senior Quest offers students a chance to engage in a self-directed, project-based process aided by a faculty adviser. Throughout the year, Senior Quest students will develop their skills as critical thinkers, collaborators, creators, and communicators as they explore a subject of deep, personal interest. The students' project development will unfold in four phases, coinciding with each quarter, which they will document via an original website dedicated to showcasing their experience. Their endeavor will culminate in a finished project or performance presentation open to HBHS faculty, students, and community.

Senior Quest: Honors-by-Contract

Weighted Course

Students enrolled in Senior Quest have the option of Honors by Contract. To be eligible for Honors Credit, students must agree to the terms outlined in a contract determined by the Senior Quest teacher at the beginning of the year.

Family and Consumer Sciences

The mission of the Family and Consumer Sciences Department is to prepare students for family, work, and community life. The philosophy focuses on empowering individuals, strengthening families, and enabling communities.

H833. Fashion & Retail Merchandising (Practical Arts)	Gr. 9-12	.5 Credit	Semester
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This semester course explores careers in the business and retail industries. Instruction includes the marketing of apparel as well as retail and fashion merchandising. Units of study include the history of the fashion industry; fibers, fabrics, and finishes; producing fashion; fashion marketing; and career exploration.

H810. Foods & Nutrition 1 (Practical Arts)	Gr. 9-12	.5 Credit	Semester
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Foods and Nutrition 1 is an introductory course in food science and nutrition. This course provides many life skills and explores the relationship between diet and health. With an emphasis on the MyPyramid guidelines, students discover the ability to cook properly, leading to successful food preparation. Students are also involved in technology based learning. Students will create tasty foods and snacks to meet their nutritional needs, while applying food safety and sanitation techniques at all times.

H811. Foods & Nutrition 2 <i>Prerequisite: Foods & Nutrition 1</i> (Practical Arts)	Gr. 9-12	.5 Credit	Semester
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Foods and Nutrition 2 is an advanced nutrition and culinary arts class. This class will help students separate nutrition facts from fiction. Special attention will be given to diet and disease, phytochemicals, and two units that research the relationship between "Sugar and Health Issues" and "Food Additives." Students will explore career opportunities in food science and nutrition, and will use a professional software program to analyze their diets and recipes and to create healthy meal plans. Culinary units will enhance all coursework and will include special projects in gourmet cooking, international foods, cake decorating, and garnishing.

H831. Human Relations (Practical Arts)	Gr. 10-12	.5 Credit	Semester
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Human Relations focuses in-depth on all aspects of individual and family development. Interpersonal relationships and positive methods of communicating with others will be studied through many team-building activities and discussion groups. This course is geared toward students interested in maximizing their individual potential by studying units such as healthy relationships, personality, friendships, and family. Included in the family unit is an opportunity to take a baby mannequin home for 24 hours. A career unit gives students the opportunity to investigate managing multiple life roles. Human Relations also explores citizenship and includes at least one community service learning project.

H832. Interior Decorating**Gr. 9-12****.5 Credit****Semester**

(Practical Arts)

This course explores the fundamentals of interior design. Students learn how to express their creativity through the use of color, line, texture, and space in a variety of hands-on projects. Furniture, the history of design, and careers are all explored.

H620. Personal Finance +**Gr. 10-12****.5 Credit****Semester**

(Practical Arts)

This course will focus on the six aspects of personal financing as outlined by The National Endowment for Financial Education: (1) The financial planning process, (2) Goal setting, (3) Career decisions entrepreneurship, (4) Budgeting and cash flow, (5) Insurance, and (6) Saving/Investing.

Mathematics

Three (3) mathematics credits are required for graduation from Hollis Brookline High School; one of these credits must be Algebra 1. College-bound students should plan a sequence of courses through at least Algebra 2 to meet the entrance requirements of most colleges and universities. It is recommended that students have a grade of **C** or higher before moving to the next course.

Beginning with the Class of 2019, all high school students must engage in a math experience for every year they are in high school until graduation. Courses that qualify as a math experience are designated by a “+” throughout the Program of Studies, or as approved at the discretion of the superintendent or designee. All math classes qualify.

The following chart shows the sequencing of mathematics courses at Hollis Brookline High School. Cross movement between levels is possible according to student performance and with teacher recommendation. Students will be advised by their current math teacher as to the next appropriate course in the sequence. **Incoming ninth grade students may be given a math placement exam at the conclusion of eighth grade to ensure proper placement. Results of this test may change course placement.** VLACs students must be issued a transcript showing credit earned prior to enrolling in the next course sequence at HBHS. Students seeking enrollment in an HBHS Accelerated/Honors course after taking a VLACs course must have completed the Accelerated/Honors level of the previous VLACs course.

HBHS Mathematics Department Course Sequencing

8 th Grade	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Grade 8 Math	Algebra 1A	Algebra 1B	General Geometry	Running Start <u>(RS)</u> Algebra 2 with Applied College Mathematics
Grade 8 Math	Algebra 1	Geometry	~~Algebra 2~~ RS Algebra 2 with Applied College Math	~~Running Start RS~~ Algebra 3/Trig <u>Personal Finance or other 4th year math experience</u>
<u>Algebra Grade 8 Math</u>	Algebra 1	Geometry	Algebra 2 ~~RS Algebra 2 with Applied College Math~~	~~Pre-Calculus~~ RS Algebra 3/Trig Pre-Calculus
Algebra	Geometry	Algebra 2	Pre-Calculus	Calculus AP Statistics
Algebra	Accelerated Geometry	Accelerated Algebra 2	Honors Pre-Calculus	AP Calculus AP Statistics

H310. Individualized Math Program**Gr. 9-12****1 Credit****Full Year**

Prerequisite: Prior approval by Department Chair and Special Education Coordinator ~~Case Manager~~
(Mathematics)

The Individualized Math Program allows the student to work at his/her own pace to complete certain mathematics courses in the HBHS curriculum. Upon successful completion of course work, the transcript will reflect the content of the actual course completed.

H311A. Algebra 1A**Gr. 9****1 Credit****Full Year**

Prerequisite: Recommendation of 8th grade math teacher
(Mathematics)

The Algebra 1A and Algebra 1B program will allow students to take Algebra 1 over two years. Algebra 1A introduces students to the structure of algebra. ~~The course begins with a unit on making connections from previous math to algebra and the rules of algebra.~~ Students will work with expressions, solve, write and graph linear equations, graph and linear inequalities, ~~and graph systems of linear equations.~~ Students will be introduced to functions and polynomials and complete a statistics unit. Students are expected to perform basic computations without the use of a calculator. Throughout the course, reference is made to real-life applications.

H311B. Algebra 1B**Gr. 10****1 Credit****Full Year**

Prerequisite: Algebra 1A
(Algebra 1)

This course will continue in the Algebra 1 curriculum where Algebra 1A left off. Topics will include ~~writing and graphing linear equations and graphing and solving~~ systems of linear equations ~~to solve~~ including application problems, working with exponents, polynomials, and rational expressions. Students will solve quadratic equations by factoring and the quadratic formula and work with radical expressions.

**H312. Algebra 1****Gr. 9****1 Credit****Full Year**

Prerequisite: Recommendation of 8th grade math teacher
(Algebra 1)

This course is designed to introduce students to the structure of algebra. Students solve ~~linear and quadratic equations, and~~ graph linear equations and linear inequalities, solve and graph systems of linear equations and write linear equations to model real-world problems. Students will work with exponents, polynomials, radicals, and ~~factoring functions.~~ Students will learn to factor quadratic expressions and solve quadratic equations by factoring and with radicals. Students are expected to perform basic computations without the use of a calculator. Throughout the course, reference is made to real-life applications.

H327. General Geometry**Gr. 10-11****1 Credit****Full Year**

Prerequisite: Algebra 1B or Algebra 1
(Mathematics)

General Geometry stresses the applications of the structure of geometry. Emphasis is placed on applying definitions and conjectures. Topics include defined and undefined terms, angles, perpendicular

lines, parallel lines, congruent triangles, similar polygons, circles, areas and volumes, quadrilaterals and constructions. Basic algebra skills are applied continuously to help enhance geometric concepts taught. The course is not intended for students who wish to major in mathematics, science, engineering, or computer science.



H324. Geometry

Gr. 9-11

1 Credit

Full Year

Prerequisite: Algebra 1 or permission of the ~~De~~partment ~~Ce~~hair
(Mathematics)

This course introduces students to the applications of geometry in the real world. Each course unit has a real-world theme and utilizes a guided-discovery approach to learn the geometric concepts taught. Students will study angle relationships, triangles, quadrilaterals, other polygons, right triangle trigonometry, circles, and 3-D solids. Students will study geometric theorems, write mathematical proofs and make connections between algebra and geometry.



H328. Accelerated Geometry

Gr. 9-10

1 Credit

Full Year

Prerequisite: Recommendation of Algebra 1 teacher or permission of the Department Chair
(Mathematics)

The underlying goal of this course is to teach students to think analytically and creatively to solve thought-provoking and interesting problems. This course is designed to go beyond memorization and repetition to challenge students to think in new and creative ways. This course includes standard topics in geometry as well as formal proof, trigonometry, literal equations, formula development, and connections between algebra and geometry. The accelerated-level student is expected to demonstrate a higher level of mathematical understanding and aptitude and to enjoy being challenged by higher order thinking problems.



H321. Algebra 2

Gr. 10-12

1 Credit

Full Year

Prerequisite: Accelerated Geometry, Geometry or permission of the Department Chair
(Algebra/Mathematics)

Algebra 2 is a continuation of Algebra 1 and is recommended for most college-bound students. The course content includes algebraic relations and functions, matrices, vectors, conic sections, polynomials ~~properties of irrational numbers~~, rational exponents, quadratic equations and use of the quadratic formula, sketching quadratic relations, real numbers as exponents, logarithms, and complex numbers. A graphing calculator (TI- 84+) is required.

H322. Running Start Algebra 2 w/Applied College Mathematics

Gr. 11-12

1 Credit

Full Year

Prerequisite: General Geometry, Geometry or permission of the Department Chair
(Algebra/Mathematics)

This course is a continuation of Algebra 1 topics. The course content includes solving and graphing equations and inequalities including absolute value, polynomials, radical, and exponential functions, along with linear systems; modeling real world situations with the appropriate function; complex numbers; right triangle trigonometry; statistics and probability, including combinations and permutations; set theory; finance applications, including the compound interest formula. ~~The~~This course is ~~intended for the college-bound student, but~~ not intended for students who wish to major in mathematics, science, engineering, or computer science.

Note: This course is taught as a dual-credit enrollment with Nashua Community College. Students who enroll with NCC as part of the dual-enrollment program and successfully complete this course will be awarded 3 college credits through NCC as well as 1 credit from HBHS. For any students selecting the dual-enrollment option, there is a mandatory \$150-NCC course fee paid to NCC. Payment and official enrollment for college credit is typically required 3-5 weeks into the course.



H323. Accelerated Algebra 2

Gr. 9-11

1 Credit

Full Year

Prerequisite: Accelerated Geometry, Geometry, or permission of the Department Chair (Algebra/Mathematics)

This course is intended for students with exceptional ability in mathematics. Students are expected to be capable of extensive critical thinking, problem solving, and synthesizing new material. The accelerated-level student is expected to demonstrate a higher level of mathematical understanding and aptitude and to readily grasp new mathematical concepts. All topics are covered in greater depth and additional topics are introduced. More emphasis is placed on multi-step problem solving. A graphing calculator (TI- 84+) is required.

H325. Consumer Math

Gr. 12

1 Credit

Full Year

Prerequisite: By recommendation from previous mathematics teacher, Department Chair, School Counselor and/or Case Manager (Mathematics)

~~Students study the financial mathematical skills needed by consumers. This course focuses on personal finances, including gross pay, net pay, bank accounts, taxes, home expenses, budgets, loans and credit cards. Emphasis is placed on the use of technology and financial resources.~~



H343R. Running Start Algebra 3/Trigonometry (Possible new Running Start*)

Gr. 11-12

1 Credit

Full Year

Prerequisite: Algebra 2, ~~or General~~ a B- or higher in RS Algebra 2, or permission of the Department Chair (Mathematics)

This fourth-year math course continues the study of mathematics with the focus on functions (quadratic, polynomial, exponential and logarithmic) and trigonometry. Emphasis is placed on real-life applications. A graphing calculator (TI-84+) is required.

Note: Students who have successfully completed Pre-Calculus may not take Algebra 3/Trigonometry. Students may not take Algebra 3/Trigonometry and Pre-Calculus concurrently. ~~This course may be offered as a dual-credit enrollment with Nashua Community College.~~

***If we receive approval from NCC we will run the following statement:**

~~**Note:** This course is taught as a dual-credit enrollment with Nashua Community College. Students who enroll as dual credit and successfully complete this course will be awarded 3 college credits through NCC as well as 1 credit from HBHS. There is a mandatory \$150 NCC course fee.~~

Note: This course is taught as a dual-credit enrollment with Nashua Community College. Students who enroll with NCC as part of the dual-enrollment program and successfully complete this course will be awarded 3 college credits through NCC as well as 1 credit from HBHS. For any students selecting the dual-enrollment option, there is a mandatory \$150 fee paid to NCC. Payment and official enrollment for college credit are typically required 3-5 weeks into the course.



H344R. Pre-Calculus ~~(Possible new Running Start*)~~

Gr. ~~11~~10-12

1 Credit

Full Year

Prerequisite: Algebra 2
(Mathematics)

This course is divided into the following units: functions, graphs and applications, trigonometry, sequences and series, and analytic geometry topics involving graphing. The course stresses less theory and more mechanical application of the above topics. A graphing calculator (TI- 84+) is required.

Note: Students who plan to take AP Calculus must take Honors Pre-Calculus, not Pre-Calculus.

~~*If we receive approval from SNHU we will run the following statement:~~

~~**Note:** This course is taught as a dual credit enrollment with Southern New Hampshire University. Students who enroll as dual credit and successfully complete this course will be awarded 3 college credits through SNHU as well as 1 credit from HBHS. There is a mandatory \$100 SNHU course fee.~~

Note: This course is taught as a dual-credit enrollment with Southern New Hampshire University. Students who enroll with SNHU as part of the dual-enrollment program and successfully complete this course will be awarded 3 college credits through SNHU as well as 1 credit from HBHS. For any students selecting the dual-enrollment option, there is a mandatory \$100 fee paid to SNHU. Payment and official enrollment for college credit are typically required 3-5 weeks into the course.

**H345. Honors Pre-Calculus****Gr. 10-12****1 Credit****Full Year**Weighted Course

Prerequisite: Accelerated Algebra 2 or permission of Department Chair
(Mathematics)

This rigorous Pre-Calculus course is divided into the following units: functions, graphs and applications, trigonometry including polar coordinates, sequences and series, and limits. The theory and application of pre-calculus topics is strongly stressed. A graphing calculator (TI 84+) is required.

**H346R. Calculus** ~~(Possible Running Start*)~~**Gr. 11-12****1 Credit****Full Year**

Prerequisite: Pre-Calculus or Honors Pre-Calculus
(Mathematics)

This is an introductory course in differential and integral calculus. Students study basic limit theorems, differentiation techniques and integration of polynomials and transcendental functions with applications of both. This course stresses the mechanics of calculus rather than its theory. A graphing calculator (TI-84+) is required.

Note: *This course does **not** prepare students for the AP Calculus exam.*

***If we receive approval from SNHU we will run the following statement:**

~~**Note:** *This course is taught as a dual-credit enrollment with Southern New Hampshire University. Students who enroll as dual-credit and successfully complete this course will be awarded 3 college credits through SNHU as well as 1 credit from HBHS. There is a mandatory \$100 SNHU course fee.*~~

Note: *This course is taught as a dual-credit enrollment with Southern New Hampshire University. Students who enroll with SNHU as part of the dual-enrollment program and successfully complete this course will be awarded 3 college credits through SNHU as well as 1 credit from HBHS. For any students selecting the dual-enrollment option, there is a mandatory \$100 fee paid to SNHU. Payment and official enrollment for college credit is typically required 3-5 weeks into the course.*

**H347. Advanced Placement Calculus****Gr. 11-12****1 Credit****Full Year**Weighted Course

*Prerequisite: A grade of **B-** or higher in Honors Pre-Calculus or permission of the Department Chair*
(Mathematics)

This Advanced Placement course covers differential and integral calculus. The theory of The Calculus, the application of differentiation and integration to solve problems, and extensive work with the theory of limits and continuity are stressed. An approved graphing calculator is required.

Note: *Successful completion of the AP Calculus exam may entitle the student to receive college credit, depending on the policy of the individual college and the test score. Students are expected to take the AP Calculus exam at the end of this course for a fee of approximately \$95, payable to College Board. Financial assistance is available to those who qualify for SAT waivers.*

**H335. Advanced Placement Statistics****Gr. 11-12****1 Credit****Full Year**Weighted Course

*Prerequisite: A grade of **B** or higher in Accelerated Algebra 2 or Pre-Calculus, or permission of the Department Chair*
(Mathematics)

This course exposes students to four broad conceptual themes: exploring data, observing patterns and departures from patterns, planning a study and statistical inference. This course follows the AP Statistics curriculum established by the Educational Testing Service. A graphing calculator (TI 84+) is required.

Note: Successful completion of the AP Statistics exam may entitle the student to receive college credit, depending on the individual college and the test score. Students are expected to take the AP Statistics exam at the end of this course for a fee of approximately \$95, payable to College Board. Financial assistance is available to those who qualify for SAT waivers.



H262. Senior Quest

Gr. 12

1 Credit

Full Year

A cross-disciplinary 21st Century independent project

Prerequisite: By application only. Limited to 30 students.

Elective Credit is Awarded

A capstone to the academic career of those enrolled, Senior Quest offers students a chance to engage in a self-directed, project-based process aided by a faculty adviser. Throughout the year, Senior Quest students will develop their skills as critical thinkers, collaborators, creators, and communicators as they explore an subject of deep, personal interest. The students' project development will unfold in four phases, coinciding with each quarter, which they will document via an original website dedicated to showcasing their experience. Their endeavor will culminate in a finished project or performance presentation open to HBHS faculty, students, and community.

Senior Quest: Honors-by-Contract

Weighted Course

Students enrolled in Senior Quest have the option of Honors by Contract. To be eligible for Honors Credit, students must agree to the terms outlined in a contract determined by the Senior Quest teacher at the beginning of the year.

Physical Education

Physical Education is an integral aspect of the learning process. This program contributes to the development of health through a variety of movement activities, skills and knowledge necessary to promote lifetime fitness, social cooperation and a healthy well-being. In addition, there are significant intellectual and emotional benefits. Students learn to cooperate as members of a team according to the rules of fair play and good sportsmanship. Students are expected to display tolerance and respect for others as a positive contributor. Physical Education grades are based on the attributes of preparation, effort, application, improvement, and skill.

H957. Fitness	Gr. 9	.5 Credit	Full Year
<i>Must be taken in conjunction with Wellness</i>			Every Other Day
(Physical Education)			

This is a required course for graduation from HBHS. The curriculum areas emphasized at this level develop a working understanding of lifetime fitness. Students take part in Project Adventure (including ~~low-and~~ high ropes course), team building, and fitness assessment education. Over the course of the year students set fitness goals and develop a personal wellness plan for lifelong fitness.

H405. Wellness	Gr. 9	.5 Credit	Full Year
<i>Must be taken in conjunction with Fitness</i>			Every Other Day
(Health Education)			

This is a required course for graduation from HBHS. It covers a variety of subjects concerning a student's well-being and decision making. Topics include tolerance, stress management, self-esteem, health and fitness, body image, media literacy, nutrition, sexuality, and drug prevention. Students set goals that they work to achieve over the course of the year to improve their level of wellness.

Physical Education Electives

Any of the classes listed below meet the physical education requirement for grades 10-12. These classes cover a broad range of activities such as team and individual sports, fitness activities, winter activities, and Project Adventure. Electives are offered on a rotating basis, with relevance to the season of the year. Classes are offered each semester and meet daily. The focus for each of these classes is to expand on basic skills learned in previous physical education classes and to participate at a more advanced and in depth level.

H941. Dance, Movement & Music	Gr. 9-12	.5 Credit	Semester
(Arts Education or Physical Education)			

This course is designed for the beginning to intermediate dance student. It introduces students to sequential skills in dance performance and choreography. Students learn a variety of dance styles including jazz, tap, and modern. Students are encouraged to participate in the creative process and discover their own movement potential. Students also develop a historical perspective regarding dance through the study of many styles and genres of dance. **Participation in functions during school and after school hours is expected.**

Note: *This course may be taken more than once during a student's high school career.*

H945. Outdoor Adventures (Spring Semester)**Gr. 10-12****.5 Credit****Semester***Prerequisite: Fitness/Wellness*

(Physical Education)

This class, which is offered second semester, includes the following activities: Project Adventure activities including ~~low and~~ high ropes initiatives, winter activities of snowshoeing and cross country skiing, and map and compass/orienteering activities, hiking, and hiking safety. Group challenges and initiatives take place on the low elements of the challenge course. Students are given ample opportunity for individual challenge and personal growth consistent with the Challenge by Choice philosophy. This course is intended for outdoor activities, appropriate clothing for winter conditions is required.

Note: Students may take up to one credit of this class during their high school career.

H949. Personal Fitness**Gr. 10-12****1 Credit****Full Year****H950. Personal Fitness****Gr. 10-12****.5 Credit****Semester***Prerequisite: Fitness/Wellness*

(Physical Education)

The curriculum for this course is centered on strength training, aerobic fitness, flexibility, biomechanics, kinesiology, and exercise physiology. The main goal is to establish, understand, and improve personal fitness levels. A personal fitness plan with individual goals will be developed and monitored throughout the semester. Different fitness assessments will be done throughout the semester to monitor progress. Topics such as sports nutrition, human muscular and skeletal systems, power lifting, cross training, and sport-specific training will be covered.

Note: Students may take up to two credits of this class during their high school career.

H958. Physical Education**Gr. 10****.5 Credit****Semester***Prerequisite: Fitness*

(Physical Education)

This class will introduce students to a variety of movement concepts, skills and the knowledge necessary to promote lifetime fitness, social cooperation and a healthy well-being. Activities emphasize fundamental strategies and tactics successful for an array of sports and recreational games. This class is also an introduction to elective classes that may be taken as a junior or senior and will include activities such as high ropes course climbing, implementation of fitness routines, and participation in a variety of team and individual sports.

H948. Team and Individual Sports (Fall Semester)**Gr. 10-12****.5 Credit****Semester***Prerequisite: Fitness/Wellness*

(Physical Education)

The focus of this course, which is offered first semester, is to expand on basic skills developing an advanced level of performance and understanding within the areas of rules, strategies and game play. Curriculum covers a broad range of units which will challenge the individual student's overall fitness training. Various methods of assessment will be utilized including student participation in class projects and presentations to show proficiency of understanding.

Note: Students may take up to one credit of this class during their high school career.

Science

Three Science credits are required for graduation from Hollis Brookline High School. One credit must be in physical science, and one credit must be in Life Science, Biology, or Accelerated Biology. The chart below represents the scope and sequence of classes taken by most students.

The Hollis Brookline science curriculum is aligned with the Next Generation Science Standard (NGSS) in order to optimize our students' success after high school. For more information go to www.nextgenscience.org.

9 th Grade	10 th Grade	11 th Grade	12 th Grade Science Electives
General Science	Life Science	Chemistry Essentials	Anatomy & Physiology <u>1/2</u> ~~1/4~~
Physical Science with Earth Science	Biology	Chemistry and Society	AP Biology
Accel. Physical Science with Earth Science	Accelerated Biology	Chemistry	AP Chemistry
Accelerated Biology	Chemistry	Honors Chemistry	AP Environmental Science
	Honors Chemistry	11th Grade Science Electives	AP Physics <u>1 or 2</u> ~~1 or 4~~
		Anatomy & Physiology <u>1/2</u> ~~1/4~~	Chemistry and Society
		AP Biology	Honors Anatomy & Physiology
		AP Chemistry	Physics: Conceptual
		AP Environmental Science	Physics: Princ. & Problems
		AP Physics <u>1</u> ~~4~~	
		Honors Anatomy & Physiology	

H410. General Science with Earth Science +

Gr. 9

1 Credit

Full Year

Prerequisite: Recommendation of Department Chair and/or Case Manager (Physical Science)

This is a physical science course for students who may require assistance with reading scientific information, organization, math and study skills. Topics include the structure of atoms, simple chemical reactions, household chemistry, motion, environmental problems, energy, and earth science topics. Students also learn basic laboratory procedures. This course is a fundamental class and is designed to meet the physical science requirement.

Note Students can receive credit for either General Science or Physical Science, but not both.

H411. Physical Science with Earth Science +

Gr. 9-12

1 Credit

Full Year

Physical Science is a full year course. The first semester focuses on introductory concepts of physics. Curricular topics include motion, forces, and energy. The second semester focuses on introductory concepts in chemistry and earth science topics. Curricular topics include classification of matter, compounds, and bonding. Special projects may be assigned each quarter.

Note: Students can receive credit for either General Science or Physical Science, but not both.

H412. Accelerated Physical Science with Earth Science + Gr. 9-12 1 Credit Full Year

Prerequisite **Grade 8:** A grade of **A** or higher in Algebra and Earth Science and the recommendation of middle school science and math teacher.

(Physical Science)

Accelerated Physical Science is a full year course. The first semester focuses on introductory concepts of physics. Curricular topics include motion, forces, and energy. The second semester focuses on introductory concepts in chemistry and earth science topics. Curricular topics include classification of matter, chemical bonding, and chemical reactions. Projects may be assigned each quarter. This is a more in-depth study of mathematics and of topics presented in physical science. Students use critical thinking skills and process skills as they analyze their scientific work. Students will be asked to integrate scientific facts into abstract processes as they make decisions and value judgments. This path is intended for students who plan to take one or more AP electives during their senior year. This course requires an independent learner with an advanced level of effort and comprehension at an accelerated pace.

H413. Life Science + Gr. 10-12 1 Credit Full Year

Prerequisite: Recommendation of Department Chair and/or Case Manager

(Biological Science)

This is a biological science course for students who require assistance with reading scientific information, organization, and study skills. Topics include: the cell, classification, taxonomic groups of living things, organism biology, and ecology. This course is offered as a fundamental class and is designed to meet the biological science requirement.

Note: Students may receive credit for either Life Science or Biology, but not both.

**H421. Biology + Gr. 10-12 1 Credit Full Year**

(Biological Science)

This is an introductory biology course. Topics include scientific methods, biochemistry of life, anatomy and physiology of cells, biological processes, classification, and genetics, the study of the kingdoms, as well as taxonomic groups of living things examined on a comparative anatomy basis to illustrate the process of evolution.

Note: Students may receive credit for either Life Science or Biology, but not both.

**H454. Accelerated Biology + Gr. 9-12 1 Credit Full Year**

Prerequisite: An A in 8th grade Algebra and recommendation of 8th grade Science teacher.
Recommendation of Physical Science or Accelerated Physical Science teacher.

(Biological Science)

This is a more in-depth study of topics presented in biology. Students will use critical thinking skills and process skills as they analyze their scientific work. Students will be asked to integrate scientific facts into abstract processes as they make decisions and value judgments. This path is intended for students who plan to take one or more AP electives during their senior year. This course requires an independent learner with an advanced level of effort and comprehension at an accelerated pace.

H426. Chemistry Essentials +**Gr. 11-12****1 Credit****Full Year**

Prerequisite: General Science, Life Science, and Recommendation of Dept. Chair and/or Case Manager
(Physical Science)

This is a physical science course for those students who may require assistance with reading and interpreting scientific information. This course is designed to help students develop their individual compensatory skills as they study chemistry. Emphasis will be on strategies for improving student reading, note taking, organization, and observation skills. Students will learn modern concepts of chemistry ~~using the study of alchemy, smells, toxins, weather, and fire or through student selected themes. The chemistry content is similar to that of Chemistry (H430). Topics include most of the same topics listed in Chemistry (H430) through a conceptual lens. The chemistry content is similar to that of chemistry (H430) and also includes a laboratory component.~~ Successful completion of this course fulfills one physical science requirement.

Note: Students may receive credit for either Chemistry Essentials or Chemistry and Society, but not both.

H429. Chemistry and Society +**Gr. 11-12****1 Credit****Full Year**

Prerequisite: Physical Science and Biology
(Physical Science)

This course is designed for students going on to some form of higher education, not necessarily as science majors. The course is designed to meet the needs and interests of the students enrolled in a chemistry class and will investigate chemistry topics including, but not limited to atoms, matter, chemical reactions, solutions and acid/base chemistry. Students also will investigate chemistry topics that are currently in the news and impact our society. The class will focus around student-centered investigations, projects, expositions, and presentations.

Note: Students who take chemistry are not eligible to take this class.

 H430. Chemistry +**Gr. 11-12****1 Credit****Full Year**

Prerequisite: Physical Science and recommendation of current science teacher
(Physical Science)

This course is recommended for the college-bound student who may or may not major in science. Students will learn modern concepts of chemistry in the laboratory. The following topics are covered: basic knowledge of physical and chemical changes, elements, mixtures and compounds, atomic structure, arrangements of electrons, periodic trends, the electromagnetic spectrum, ionic and covalent bonding, writing and balancing chemical equations, classifying chemical reactions, predicting the products of chemical reactions, stoichiometry, acids, bases, and the importance of carbon and its compounds. Successful completion of Chemistry fulfills the physical science credit requirement.

Note: Students may receive credit for either Chemistry and Society or Chemistry, but not both.

 H432. Honors Chemistry +**Gr. 11-12****1 Credit****Full Year****Weighted Course**

Prerequisite: Completion of/concurrent with Algebra 2, and recommendation of current science teacher
(Physical Science)

This is an in-depth first course in chemistry that meets the objectives of general chemistry in preparation for a college-level chemistry course. This course is recommended for students who intend to go on to competitive colleges and/or plan to major in science. The course is designed for students planning to go into fields of pre-

med, pre-dental, engineering, or for any students wishing to demonstrate their ability to meet the challenge of an honors course. Laboratory experiments are integrated into the classroom, as they play a vital role in the understanding of chemistry. Topics covered include dimensional analysis, matter, early atomic structure, chemical formulas, nomenclature, chemical equations, chemical bonds, the mole, stoichiometry, gas laws, ionization, basic thermochemistry and calorimetry, metals and non-metals, an introduction to organic chemistry, atomic structure, periodic classification, molecular structure, chemical bonds, solutions and intermolecular forces of attraction, stoichiometry, titration, kinetics, thermodynamics, chemical equilibrium including acids and bases, electrochemistry including oxidation and reduction, and nuclear chemistry.



H440. Advanced Placement Chemistry +

Gr. 11-12

1 Credit

Full Year

Weighted Course

Prerequisite: A grade of B- or higher in Honors Chemistry, or permission of the Department Chair (Physical Science)

This highly challenging college-level course provides students with an understanding of the concepts and principles required in preparation for the AP Chemistry exam. AP Chemistry is designed to offer a rigorous and challenging course covering chemical principles typical of college-level general chemistry courses. Students learn the usefulness and relevance of chemistry in both their intended areas of study and in the everyday world. Laboratory experiments are integrated into the classroom, and play a vital role in the understanding of chemistry. The experiments performed include, but are not limited to, those recommended by the College Board. Topics covered include acid-base theory, atomic theory, bonding and molecular *structure*, electrochemistry, equation writing, equilibrium, gas behavior, kinetics, nuclear chemistry, chemical periodicity, oxidation-reduction, states of matter, stoichiometry, and thermodynamics. *(Students who enroll in this course are required to complete a summer assignment prior to the start of class.)*

Note: Successful completion of the AP Chemistry exam may entitle the student to receive college credit, depending on the policy of the individual college and the test score. Students are expected to take the AP Chemistry exam at the end of this course for a fee of approximately \$95, payable to College Board. Financial assistance is available to those who qualify for SAT waivers.



H434. Advanced Placement Environmental Science +

Gr. 11-12

1 Credit

Full Year

Weighted Course

Prerequisite: B- or higher in Physical Science with Earth Science and Biology (or recommendation of Dept. Chair Head); B- or higher in Chemistry or recommendation of Department Chair head for students taking Chemistry concurrently. (Biological Science)

This course provides students with an understanding of the concepts and principles required in preparation for the AP Environmental Science exam. The course provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them.

Note: Successful completion of the AP Environmental Science exam may entitle the student to receive college credit, depending on the policy of the individual college and the test score. Students are expected to take the AP Environmental Science exam at the end of this course for a fee of approximately \$95, payable to College Board. Financial assistance is available to those who qualify for SAT waivers.

**H449. Physics: Conceptual +****Gr. 11-12****1 Credit****Full Year**

Prerequisite: Completion of ~~or concurrent with Algebra 3/Trigonometry~~ Algebra 2 or RS Algebra 2, chemistry, and the recommendation of the chemistry teacher
(Physical Science)

This course is designed for college-bound students who will not major in science; however, students should have an interest in science. Topics will be explored conceptually with a secondary emphasis on mathematical interpretation. Topics include kinematics, dynamics, energy, momentum, electricity and magnetism, general wave properties, light and sound. Projects and lab work play an important role in this course.

Note: *Students may receive credit for either H449 Physics or H450 Physics, but not both. (Not recommended for students concurrently enrolled in calculus.)*

**H450. Physics: Principles and Problems +****Gr. 11-12****1 Credit****Full Year**

Prerequisite: Completion of or concurrent with Pre-Calculus
(Physical Science)

This course is designed for college-bound students who are interested in science or a related major. Concepts will be explored with a strong mathematical emphasis. Topics include Newtonian Mechanics (kinematics, dynamics, energy, momentum and angular studies) as well as studies in electricity and wave behaviors. Projects and lab work play an important role in this course.

Note: *Students may receive credit for either H449 Physics or H450 Physics, but not both.*

**H455. Advanced Placement Physics 1+ +****Gr. 11-12****1 Credit****Full Year****Weighted Course**

*Prerequisite: A grade of **A-** or higher in Chemistry or **B** or higher in Honors Chemistry and completion of or concurrent with Pre-Calculus*
(Physical Science)

An in-depth, mathematically rigorous, first course in physics equivalent to a first-semester college course in algebra-based physics. This highly challenging course provides students with an understanding of the concepts and principles required in preparation for the AP Physics I exam. The course is designed to prepare students for future study in core science areas (biology, chemistry or physics), mathematics, or other professional fields such as pre-med, pre-dental, veterinary study or engineering. It is also designed for all science majors and other students wishing to demonstrate their ability to meet the challenge of an AP course. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanics, waves and sound. It will also introduce electric circuits. Projects and lab work play an important role in this course.

Note: *Successful completion of the AP Physics I exam may entitle the student to receive college credit, depending on the policy of the individual college and the test score. Students are expected to take the AP Physics I exam at the end of this course for a fee of approximately \$95, payable to College Board. Financial assistance is available to those who qualify for SAT waivers.*

**H446. Advanced Placement Physics 2H +****Gr. 11-12****1 Credit****Full Year****Weighted Course**

Prerequisite: A grade of B or higher in AP Physics I (Physical Science)

This is an in-depth, mathematically rigorous, second course in physics equivalent to a second-semester college course in algebra-based physics. This highly challenging course provides students with an understanding of the concepts and principles required in preparation for the AP Physics II exam. The course is designed to prepare students for future study in core science areas (biology, chemistry or physics), mathematics, or other professional fields such as pre-med, pre-dental, veterinary study or engineering. It is also designed for all science majors and other students wishing to demonstrate their ability to meet the challenge of an AP course. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; and atomic and nuclear physics. Projects and lab work play an important role in this course.

Note: Successful completion of the AP Physics II exam may entitle the student to receive college credit, depending on the policy of the individual college and the test score. Students are expected to take the AP Physics II exam at the end of this course for a fee of approximately \$95, payable to College Board. Financial assistance is available to those who qualify for SAT waivers.

**H457. Anatomy & Physiology 1 +****Gr. 11-12****.5 Credit****Semester 1****H459. Anatomy & Physiology 2H +****Gr. 11-12****.5 Credit****Semester 2**

Prerequisite: B- or higher in Physical Science with Earth Science, Biology, and Chemistry or recommendation of Department ~~Chair~~ head for students taking Chemistry concurrently

This class meets the needs of junior or senior level students who might have an interest in working in the medical field, but have not yet demonstrated the ability to perform successfully at the honors/AP level. During the course, students will develop an understanding of the organ systems by focusing on anatomical vocabulary, the interrelationships between the organ systems, and what happens when organs and organ systems malfunction. Students will use critical thinking and problem solving skills to better understand the structure and function of their own bodies. Semester I examines: Tissues, Integumentary system, Skeletal system, Muscular system, Nervous system, and Endocrine system. Semester II examines: Cardiovascular system, Lymphatic system, Respiratory system, Digestive system, Urinary system, and Reproductive system. Students are encouraged to take both semesters if scheduling allows. Dissections are a mandatory part of this class.

**H456. Honors Anatomy & Physiology +****Gr. 11-12****1 Credit****Full Year****Weighted Course**

Prerequisite: Accelerated Biology or permission of the Department Chair

This is a course that offers an in-depth investigation of the human organism and is designed for students who are interested in a career in the medical field. During this course, students will develop an understanding of the organ systems by focusing on anatomical vocabulary, the interrelationships between the organ systems, and what happens when organs and organ systems malfunction. Students will use critical thinking and problem solving skills to better understand the structure and function of their own bodies. This course requires an advanced level of effort and comprehension. Dissections are a mandatory part of this class.

**H458. Advanced Placement Biology +****Gr. 11-12****1 Credit****Full Year****Weighted Course**

Prerequisite: Accelerated Biology & Honors Chemistry or permission of Department Chair (Biological Science)

This highly challenging course provides students with an understanding of the concepts and principles required in preparation for the AP Biology exam. The curriculum offers an in-depth exploration of the living systems of the cells, the organism, and the biosphere. Strong emphasis is directed toward experimentation, advanced lab activities, and the techniques by which scientific information about living systems is obtained. Current trends in biology are also presented. *(Students who enroll in this course will be required to complete a summer assignment prior to the start of class.)*

Note: *Successful completion of the AP Biology exam may entitle the student to receive college credit, depending on the policy of the individual college and the test score. Students are expected to take the AP Biology exam at the end of this course for a fee of approximately \$95, payable to College Board. Financial assistance is available to those who qualify for SAT waivers.*

**H262. Senior Quest****Gr. 12****1 Credit****Full Year**

A cross-disciplinary 21st Century independent project

Prerequisite: By application only. Limited to 30 students.

Elective Credit is Awarded

A capstone to the academic career of those enrolled, Senior Quest offers students a chance to engage in a self-directed, project-based process aided by a faculty adviser. Throughout the year, Senior Quest students will develop their skills as critical thinkers, collaborators, creators, and communicators as they explore a subject of deep, personal interest. The students' project development will unfold in four phases, coinciding with each quarter, which they will document via an original website dedicated to showcasing their experience. Their endeavor will culminate in a finished project or performance presentation open to HBHS faculty, students, and community.

Senior Quest: Honors-by-Contract**Weighted Course**

Students enrolled in Senior Quest have the option of Honors by Contract. To be eligible for Honors Credit, students must agree to the terms outlined in a contract determined by the Senior Quest teacher at the beginning of the year.

Social Studies

Three Social Studies credits are required for graduation from HBHS. **Grade 9:** US History or Topics in US History, 1 credit; **Grade 10:** World Studies, Topics in World Studies, or AP World History, 1 credit; **Grade 11:** Civics (College Prep or Honors by Contract) or Topics in Civics, .5 credit, Economics (College Prep or Honors by Contract) or Topics in Economics, .5 credit.



H235. U.S. History (U.S. History)

Gr. 9

1 Credit

Full Year

Picking up where the eighth grade social studies curriculum leaves off, U.S. History begins with Reconstruction after the Civil War and culminates with the Reagan years. Although the content of this course is studied chronologically, the five themes of Social Studies: geography, history, economics, society, and politics, are reinforced throughout the year. Emphasis is given to critical turning points in U.S. history and the responsibilities identified with being an American citizen. Evaluation is frequent, employing both summative and formative methods. The overall goal of the course is to help students develop the skills necessary to be critical thinkers, independent learners, and confident participants in the democratic process.

H234. Topics in U.S. History

Gr. 9

1 Credit

Full Year

Prerequisite: Recommendation of Department Chair and/or Case Manager
(U.S. History)

This full year course fulfills the U.S. History graduation requirement and is offered to those students who require assistance with reading, writing, organization and study skills.. Emphasis is given to the critical turning points in U.S. history and the responsibilities identified with being an American Citizen. Major units in this course include, but are not restricted to, the Civil War, Reconstruction and the Civil Rights Movement, reform movements of the 20th century, our involvement in major 20th century wars and conflicts, as well as domestic and foreign policy over the past century. This course includes class discussions, a variety of individual and group projects, video analysis and ~~an array of traditional and non-traditional assessments. Assessment entails~~ a range of independent and collaborative formative and summative activities, all differentiated to address individual student needs when necessary.



H211. World Studies (World Studies)

Gr. 10

1 Credit

Full Year

World Studies is a full year, required course for sophomores. Through the content of this course, students will explore and demonstrate their understanding of how humans have expressed themselves through religion, philosophy, art, and political and economic institutions in different surroundings, at different times, and relative to other groups and the natural environment. The course encompasses broad historical themes and their connection to critical issues facing contemporary life, such as allocation of resources, population growth, and conflict and cooperation. To anchor their examination of the global past-present connection, students will also learn the role that geography plays in the development of culture and civilizations. In addition to its content, the course will emphasize the ~~basic~~ skills necessary to achieve academic success including, critical thinking through research, writing and listening, analyzing concepts and ideas individually and collaboratively, and communicating understanding through oral presentations.

H210. Topics in World Studies**Gr. 10****1 Credit****Full Year**

Prerequisite: Recommendation of the Case Manager and/or Department Chair
(World Studies)

This full-year course fulfills the tenth grade social studies requirement and is offered to those students who require assistance with reading, writing, organization and study skills. As in the World Studies course, students in Topics will explore and illustrate their understanding of how humans have expressed themselves through religion, philosophy, art, and political and economic institutions in different surroundings, at different times and relative to different groups and the natural environment. The course encompasses broad historical themes and their connection to critical issues facing contemporary life, such as allocation of resources, population growth, and conflict and cooperation. To anchor their examination of the global past-present connection, students will also learn the role that geography plays in the development of culture and civilizations. This course includes class discussions, a variety of individual and group projects, video analysis and an array of traditional and non-traditional assessments, all differentiated to address individual student needs when necessary.

**H214. Advanced Placement World History****Gr. 10****1 Credit****Full Year**

Weighted Course

Prerequisite: Recommendation of 9th grade US History Teacher
(World Studies)

This course focuses on developing students' understanding of world history from approximately 8000 B.C.E. to the present. Students investigate the content of world history for significant events, individuals, developments, and processes in six historical periods, and develop and use the same historical thinking skills and methods: analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation. The course provides five themes (interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures) that students explore throughout the course in order to make connections among historical developments in different times and places encompassing the five major geographical regions of the globe: Africa, the Americas, Asia, Europe, and Oceania. Students are expected to take the AP World History exam in May. *(Students who enroll in this course will be required to complete a summer assignment prior to the start of class.)*

Note: Successful completion of the AP World exam may entitle students to receive college credit, depending on the individual college and the test score. Students are expected to take the AP World History exam at the end of this course for a fee of approximately \$95, payable to College Board. Financial assistance is available to those who qualify for SAT waivers.

**H221. Civics****Gr. 11****.5 Credit****Semester**

(Civics)

Civics is a required semester course for juniors that examines the important relationship between the people and their government. This course engages students in the study of the origins of our U.S. Federal and NH State governments, including the structure of each, their functions and the relationship they share. Students will investigate different political ideologies and the methods and outcomes of political participation. Students will also examine their own role in the political arena and the ways in which they may make a positive impact through active civic involvement. In addition, students will learn of the rights and responsibilities that all citizens have and share. Finally, students will engage in a media literacy component by evaluating the effectiveness of the media through a variety of sources, including

political cartoons, print and broadcast media.

Note: Civics: Honors-by-Contract (Weighted Course)

Students enrolled in Civics have the option of receiving Honors Credit by completing an independent project throughout the semester that amounts to approximately 20% additional work ~~in additional to what is expected to that expected~~ for non-honors credit. While topics of independent projects will depend on individual student interests, they should relate to the study of Civics. A student who is working on an Honors-by-Contract project will be expected to conduct independent research and synthesize the resulting body of knowledge into a finished product that may entail, but is not limited to a research paper, project, original product, presentation, performance, or demonstration. To be eligible for Honors Credit in Civics, students must agree to the terms outlined in a contract determined by the Social Studies Department at the beginning of the semester.

H219. Topics in Civics

Gr. 11

.5 Credit

Semester

Prerequisite: Recommendation of the Case Manager and/or Department Chair
(Civics)

This half-year course fulfills the Civics requirement of all sophomores and is tailored to those students who require assistance with reading, writing, organization and study skills. Students will examine the basic components of civic education: rights and responsibilities of citizens, functions of government, media literacy, and the election process. This course includes class discussions, a variety of individual and group projects, video analysis and an array of ~~formative and summative assessments~~ traditional and non-traditional assessment, all differentiated to address individual student needs when necessary.



H220. Economics +
(Economics)

Gr. 11

.5 Credit

Semester

Economics is a required semester course for juniors. Students will explore the foundations and fundamentals of economics, the American free market, as well as how economics relates to their lives. Topics explored include: saving and investing, business in the United States, government in the economy, and the global economy. Students will be assessed through a variety of formative and summative measures, though problem-based learning and collaboration are emphasized.

Note: Economics: Honors-by-Contract (Weighted Course)

Students enrolled in Economics have the option of receiving Honors Credit by completing an independent project throughout the semester that amounts to approximately 20% additional work ~~in additional to what is to that~~ expected for non-honors credit. While topics of independent projects will depend on individual student interests, they should relate to the study of Economics. A student who is working on an Honors-by-Contract project will be expected to conduct independent research and synthesize the resulting body of knowledge into a finished product that may entail, but is not limited to, a research paper, project, original product, presentation, performance, or demonstration. To be eligible for Honors Credit in Economics, students must agree to the terms outlined in a contract determined by the Social Studies Department at the beginning of the semester.

H218. Topics in Economics +

Gr. 11

.5 Credit

Semester

Prerequisite: Recommendation of the Case Manager and/or Department Chair
(Economics)

This half-year course fulfills the Economics requirement of all sophomores and is tailored to those students who require assistance with reading, writing, organization and study skills. The course examines basic concepts of the business cycle in our capitalist economic system and the role of businesses, the government and the consumer therein. This course includes class discussions, a variety of individual and group projects, video analysis and an array of ~~formative and summative assessments~~ traditional and non-traditional assessments all differentiated to address individual student needs when necessary.

Social Studies Electives



H245. Advanced Placement Psychology

Gr. 11-12

1 Credit

Full Year

Weighted Course

Prerequisite: Recommendation of 10th grade teacher and/or Department Chair. Enrollment preference is given to rising seniors.

(Social Studies)

This year-long course is open to juniors and seniors willing to commit to college-level work. The coursework entails extensive reading, writing, and research within the field of psychology. AP Psychology students are expected to work independently and contribute regularly to class discussion. Topics covered include the biological basis of behavior, research methods, personality and emotional development, cognition, social psychology, abnormal psychology, and the works of Pavlov, Skinner, Jung, Freud, Piaget and Erickson and others. *(Students who enroll in this course will be required to complete a summer assignment prior to the start of class.)*

Note: *Successful completion of the AP Psychology exam may entitle the student to receive college credit, depending on the individual college and the test score. Students are expected to take the AP Psychology exam at the end of this course for a fee of approximately \$95, payable to College Board. Financial assistance is available to those who qualify for SAT waivers.*

Students who have completed Psychology are not eligible to take AP Psychology.



H236. Advanced Placement U.S. History

Gr. 11-12

1 Credit

Full Year

Weighted Course

Prerequisite: US History and recommendation of 10th grade teacher and/or Department Chair (U.S. History)

This course is a challenging, year-long survey of American history from 1492 to the present. Proficient reading and writing skills, along with a willingness to devote considerable time to homework and study, are necessary to succeed. Emphasis is placed on critical thinking, interpretation and evaluation of primary and secondary source documents, and writing powerful and convincing essays. In addition, students will complete an original thesis paper. AP U.S. History is meant to be the equivalent of a freshman-level college course. *(Students who enroll in this course will be required to complete a summer assignment prior to the start of class.)*

Note: *Successful completion of the AP U.S. History exam may entitle students to receive college credit, depending on the individual college and the test score. Students are expected to take the AP U.S. History exam at the end of this course for a fee of approximately \$95, payable to College Board. Financial assistance is available to those who qualify for SAT waivers.*



H258. Advanced Placement U.S. Government & Politics

Gr. 12

1 Credit

Full Year

Weighted Course

Prerequisite: Recommendation of 11th grade teacher and/or Department Chair

(Social Studies)

This intensive college-level course provides an analytical and critical perspective on the concepts, methods, and ideas of government and politics in the United States. The dual-focused approach involves both the historic and philosophical foundations of constitutional government, the creation of the Constitution, the organization of American Government, civil liberties and the expansion of rights over the past 225 years. While students study general concepts used to interpret American politics, this course presupposes familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. political reality. Students will analyze and interpret case studies, philosophies, and ideologies of both classical and contemporary political thought and apply those principles to classroom discussion, debate, and written works to better understand their role in the political arena. *(Students who enroll in this course will be required to complete a summer assignment prior to the start of class and take part in the We The People hearing in Concord, NH in December.)*

Note: Successful completion of the AP U.S. Government and Politics exam may entitle the student to receive college credit, depending on the individual college and the test score. Students are expected to take the AP U.S. Government and Politics exam at the end of this course for a fee of approximately \$95, payable to College Board. Financial assistance is available to those who qualify for SAT waivers.



H253. Contemporary Issues (Social Studies)

Gr. 11-12

.5 Credit

Semester

Students who take this semester-long course will examine current ~~international, national and local issues~~ events in local, national, and international news through discussion, formal debates, individual and collaborative projects and research and writing. The class will focus on media literacy, understanding media bias and thinking critically about various news sources. Topics covered may include ~~politics, race relations, energy issues, advancements in technology, natural resources, and global and regional conflicts~~ the death penalty, abortion, gun control, race issues, sexism, class issues, environmental issues, politics, energy issues, and advancements in technology. Assignments include individual work and research, group projects, and class debates. Newspapers, news magazines, news segments, and documentaries will provide the basis for study.



H240. Human Geography (Social Studies)

Gr.11-12

.5 Credit

Semester

Human Geography is a semester-long elective course that provides students with an introduction to the field of human, or cultural, geography. Human geography is the study of how people interact with and ultimately change their environments. Major questions to be explored in this course include: What is geography? What does it mean to think geographically and spatially? How does geography relate to my life? Where do I want to travel and why? Topics of study may include, but are not limited to: contemporary mapping technology, climate and weather, climate change, migration, culture, music, art, food and agriculture, language, political geography, globalization, and global issues. Keeping in mind the growing impact of globalization, students will explore topics in geography through the lens of travel. Students will “travel” all across the world in this course while completing projects related to this travel theme. Learning activities in this course will emphasize 21st Century Learning skills as students will be required to collaborate, communicate using a variety of technology, and think critically and creatively.



H238. Legal Studies (Social Studies)

Gr. 11-12

.5 Credit

Semester

This course will examine primarily criminal and constitutional law in the United States. A wide variety of topics will be discussed including: what is a the definition of “good” law, the workings of US and NH court systems, processing a criminal case, the Constitution and Bill of Rights including how the Supreme Court interprets these documents to dispense justice the Constitution and Bill of Rights, and how criminal cases are prosecuted. Current events and historical examples of crime will be used to guide discussions, and landmark US Supreme Court cases will be analyzed in depth. A mock trial and field trip to see how the NH Courts process different cases are incorporated into the curriculum. The class is designed to assist students in establishing knowledge of constitutional, civil, and criminal law, as well as developing skills in analyzing and evaluating information regarding the law’s relationship to current political and social trends. Other learning activities in the course will emphasize 21st Century Learning skills as students will be required to think critically, collaborate, create and communicate using a variety of technology.



H244. Psychology (Social Studies)

Gr. 11-12

1 Credit

Full Year

This year-long elective course provides an introduction to the study of psychology. Topics in this course include, but are not limited to, the different perspectives and influential people within the field of psychology, neuro-cognition, and -the principles of learning, memory and the development language. The course also explores human development as it relates to maturation, personality and society, and examines the causes, diagnosis and treatment of psychological disorders. Students will study the concepts of this social science through the examination of their own behaviors and experiences in addition to that of the adopted text, case studies and film.

Note: Students who take Psychology in their junior year are ineligible to take AP Psychology as seniors.



H259. Sociology (Social Studies)

Gr. 11-12

.5 Credit

Semester

Sociology is the study of human group behavior. This course covers topics such as racial and ethnic relations, cultural diversity, criminal behavior, marriage and divorce, team and group activities including sports. Learning activities include class discussions, films, experiments, readings and lectures. Students will participate in several small group projects involving requiring them to collaborate and think critically about numerous contemporary social-and psychological issues.



H262. Senior Quest

Gr. 12

1 Credit

Full Year

A cross-disciplinary 21st Century independent project

Prerequisite: By application only. Limited to 30 students.

Elective Credit is Awarded

A capstone to the academic career of those enrolled, Senior Quest offers students a chance to engage in a self-directed, project-based process aided by a faculty adviser. Throughout the year, Senior Quest students will develop their skills as critical thinkers, collaborators, creators, and communicators as they explore a subject of deep, personal interest. The students’ project development will unfold in four phases, coinciding with each quarter, which they will document via an original website dedicated to

showcasing their experience. Their endeavor will culminate in a finished project or performance presentation open to HBHS faculty, students, and community.

Senior Quest: Honors-by-Contract

Weighted Course

Students enrolled in Senior Quest have the option of Honors by Contract. To be eligible for Honors Credit, students must agree to the terms outlined in a contract determined by the Senior Quest teacher at the beginning of the year.

Student Support Services

Hollis Brookline High School is committed to providing a continuum of services offering students with disabilities the opportunity to actively participate in the learning environment. The HBHS Special Education Department is committed to supporting the delivery of services indicated in the Individualized Education Program (IEP) with an emphasis on increasing opportunities for students with disabilities to learn and grow with their non-disabled peers. The Special Education Team addresses the unique needs of these students through a variety of team-designed programs and settings.

Services for Students Identified with a Disability

Services, modifications, and accommodations are provided to identified students to meet the needs indicated in the students' Individualized Education Plans (IEP). Specialized instruction is provided to meet the students' IEP goals and to develop executive functioning skills in the areas of test-taking, study skills, organization, planning, and self-advocacy. Related Services in the areas of speech/language therapy, occupational and physical therapies, and counseling are available. Special Education teachers and staff also provide consultation services and support to the teaching staff.

504 Program

The section 504 Program is dedicated to delivering accommodations to students who qualify for protection under section 504 of the Rehabilitation Act and Title II of the Americans with Disabilities Act. Accommodations are individualized to each qualifying student to ensure that despite his/her major life impacting disability, free and appropriate education is accessible.

CHOICE Program

The CHOICE Program is a non-therapeutic, alternative education program to help students achieve goals towards the completion of their high school education via computer-based, for-credit programs, or preparation for the HiSet (high school equivalency) test. Students can also work in a targeted study to receive individualized attention to achieve their academic goals. In addition, students can have the opportunity to participate in Extended Learning Opportunities, have access to transition supports such as vocational assessment, assistance with job placement, counseling, referrals to outside agencies, and mental health referrals. Students may spend all or part of their day in the program based on their needs.

FIEMUS Program

The FIEMUS program is designed to meet the needs of students whose emotional challenges require an education that goes beyond the traditional curriculum. The program integrates a therapeutic skill building approach with individualized, self-paced curriculum as well as a focus on transition. The SKILS course utilizes Dialectical Behavioral Therapy skills, self-advocacy and goal-setting using the SMART paradigm. A strengths-based perspective engages students to build competence in academics, self-regulation, and transition planning. Students may spend all or part of their day in the program based on their needs.

Life Skills Transitions Program

The Life Skills Transitions Program (LSTP) is designed to meet the needs of the HBHS population who are identified with Intellectual and Developmental Disabilities (IDD), Autism Spectrum Disorders (ASD), Speech and Language Disorders (SP), Multiple Disabilities (MD), Specific Learning Disabilities (SLD), Other Health Impairments (OHI), and/or Adaptive Behavior Challenges (ABC). The goal of the LSTP is to encourage and support each student in their journey to become as independent as possible within their school, home, and community. Integration of academic instruction, interdependent living skills, social communications, pre-employment skill development, vocational internships with the assistance of a job coach, adult service provider enrollment, and assistance with the application processes for enrollment into post-secondary colleges and university programs designed for students with these identified disabilities. The LSTP prepares students and their families for a successful transition into life beyond high school.

Note: Life Skills courses are not eligible for GPA.

Life Skills Intensive Needs Program

The mission of this program is to support students who have intensive cognitive, medical, speech and language, and/or physical needs in a self-contained classroom. Students are typically nonverbal, or have limited functional language, and may require the use of an Augmentative and Alternative Communication (AAC) device. Services include speech and language therapy, occupational therapy, physical therapy and the services of a Board Certified Behavior Analyst. Adult one-on-one support is provided for the entire school day, due to the level of students’ intensive needs.

This program focuses on Adaptive Daily Living Skills, emphasizing self-care: toileting, changing non-ambulatory students, showering, shaving, brushing teeth, and facial cleanliness. Skill building in kitchen productivity is also stressed: food preparation, safety, function and location of items, washing dishes, using appliances correctly, and manners while eating in order to prepare students to be as independent as possible in their adult lives. As a result, through intensive data collection on teaching steps and monitoring behaviors, generalizing skills into different environments is an important component for this program.

The Special Education Team works together with parents to meet the intensive needs of students in this program. Students have access to regular education classes for participation and socialization. When in these classes, the curriculum is modified to meet each student’s academic level, however, grades are not awarded. It is an opportunity for students to interact with their peers, while accompanied by a one-on-one paraprofessional. Students typically remain in high school until the age of 21, graduating with a Hollis Brookline Equivalency Diploma that focuses on the completion of their Individualized Educational Program Goals.

504 Program

~~The section 504 Program is dedicated to delivering accommodations to students who qualify for protection under section 504 of the Rehabilitation Act and Title II of the Americans with Disabilities Act. Accommodations are individualized to each qualifying student to ensure that despite his/her major life impacting disability, free and appropriate education is accessible.~~

H030. Supported Study	Gr. 9-12	No Credit	Semester
<i>Prerequisite: Approval from Student Assistance Team</i>			

Supported Study is a non-credit earning study hall that serves as a guided program in the areas of organization, self-advocacy, and time management. Enrollment in supported study is limited to those students with a documented need for a supported study hall environment.

H060. Career Exploration**Gr. 9-12****.5 Credit****Semester***Prerequisite: Prior approval by Case Manager*

Career Exploration is a class that looks at students' learning style using multiple intelligences and aptitudes while exploring a wide range of career and interest areas. Course work includes units on the 16 career clusters, work and career goals, and the college process. This course may be repeated for credit.

H026. Community Life Skills +**Gr. 9-12****1 Credit****Full Year***Prerequisite: Per student's Individualized Education ~~Plan~~ Program*

Community Life Skills will emphasize daily functional activities including, but not limited to, generating shopping lists, recipes, cooking, trips to the grocery store or other community based businesses, and safety in the school, home and community environments. Students work on skills in job applications, laundry, cleaning, and job shadowing. This class offers onsite community based work opportunities in consultation with the Job Developer. Identification of specific vocational needs of students will be addressed, as well as appropriate transitions into adult services.

H021. Directed Study**Gr. 9-12****1.0 Credit****Full Year****H020. Directed Study****.5 Credit****Semester***Prerequisite: Per student's Individualized Education ~~Plan~~ Program*

Directed Study provides specialized instruction through an academic-based resource room program utilizing the students' course requirements and remedial instruction to meet IEP goals. In addition, students develop self-advocacy skills, disability education, and IEP knowledge. Transition services are provided to assist students in achieving post-secondary goals. Special Education teachers and staff also provide consultation services and support to the teaching staff. Students who have an IEP and participate in Directed Study earn up to one credit per year and grades are reported as pass/fail. **A passing grade may be earned when a student meets 70% or more of class expectations.**

H025. Executive Functioning Skills**Gr. 9-12****.5 Credit****Semester***Prerequisite: Prior approval by Department Chair, Case, Manager, School Counselor or 504 Coordinator*

Executive Functioning Skills is designed to meet the needs of students who require instruction in the areas of study skills such as organization, time management, note-taking, planning, prioritization, and memory. Admission to the class will partly depend on informal inventories completed by students and teachers as well as recommendations by staff members. Students will learn strategies to boost their executive functioning skills and will spend time building them independently. This course may be repeated for credit.

H065. Health & Wellness**Gr. 9-12****.5 Credit****Semester***Prerequisite: Prior approval by Case Manager*

Health & Wellness is a class that incorporates physical activity and healthy lifestyle education including nutrition, sleep hygiene, and medication compliance. Students have the opportunity to engage in physical activity including competitive and/or cooperative games, walking, hiking, stretching, etc. Weekly food preparation and cooking emphasizes trying new foods and finding healthy options. Mindfulness activities are incorporated on a regular basis. This course may be repeated for credit.

H061. Life Skills Math <u>+</u>	Gr. 9-12	1 Credit	Full Year
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Prerequisite: Per student's Individualized Education ~~Plan~~ Program

Life Skills Math will emphasize functional math skills and activities needed for everyday life. Curriculum includes building skills relating to money, time, calculator use, calendar use, and basic addition, subtraction and measurement. Individualized instruction is provided to meet each student's needs.

H116. Literacy	Gr. 9-12	1 Credit	Full Year
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(English)

Prerequisite: Prior approval by Department Chair, Case Manager, School Counselor, or 504 Coordinator

Literacy is a class designed to meet the needs of students who struggle with reading/writing or who struggle in a classroom setting. Admission to this class will depend, in part on results of informal reading inventories and recommendations made by staff members. Students will work as a whole class on reading comprehension, writing, and vocabulary skills. Students also will work independently on individual skills to meet their instructional needs. This course may be repeated for credit.

H110. Reading 180A	Gr. 9-12	1 Credit	Full Year
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H110B. Reading 180B		1 Credit	Full Year
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(English)

Prerequisite: ~~Per student's Individualized Education Plan~~ Prior approval by Department Chair, Case, Manager, School Counselor or 504 Coordinator

Read 180 is an intensive, research-based reading intervention program designed to meet the needs of students who struggle with reading comprehension. Admission to the course will depend, in part, on the results of standardized and informal reading tests. Students work extensively in the areas of reading, writing, and vocabulary through whole and small group instruction, computer software, and independent reading. This course may be repeated for credit.

H050. SKILLS	Gr. 9-12	.5 Credit	Semester
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Prerequisite: Prior approval by Case Manager

SKILLS class (Self-regulations, Self-Knowledge, Emotional Intelligence, Life Skills, Self-care) is a class that incorporates Dialectical Behavior Therapy (DBT) skills, SMART goals, and social emotional learning activities and discussion to promote self-awareness, self-management, and healthy relationships. Students set weekly goals and evaluate their effectiveness. Discussion and hands-on activities are used to gain mastery of skills. This course may be repeated for credit.

H062. Social Communications	Gr. 9-12	1 Credit	Full Year
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Prerequisite: Per student's Individualized Education ~~Plan~~ Program

This class will be taught in consultation with the speech and language services to address written, verbal, and non-verbal communication skills. Curriculum involves activities in social skills, communication with peers and adults, as well as members of the school and surrounding communities. Class activities include, but are not limited to, self-advocacy, making and maintaining friendships, non-verbal communication, conversational skills, and written communication.

H070. Work Experience Program**Gr. 11-12****Varying Credit Semester**

Prerequisite: Per student's Individualized Education ~~Plan~~ Program

The Work Experience program allows students with disabilities an opportunity to experience working within the community. Support services may be provided by a para-educator, teacher and/or job developer as needed. The program is designed to provide students with a meaningful workplace experience and to expose them to a variety of vocational experiences. Work experience placement is based on the Transition Plan, which is developed after assessing student interest and skill levels.

Essentials for Algebra +**Gr. 9-12****1 Credit****Full Year**

Prerequisite: Per student's Individualized Education Program, Prior approval by Department Chair, Case Manager, School Counselor or 504 Coordinator

This course is for the student who needs to further their math skills before taking Algebra 1A. Topics to be covered include decimal operations, fraction operations, coordinate systems, signed number operations, exponents, probability, scientific notation, and rate equations.

Visual and Performing Arts

Theatre

H162. Acting 1 ↓

Gr. 9-12

.5 Credit

Semester

(Arts Education)

This course is comprised of studio scenes, Spolin improv games, and monologues to develop the actors' abilities to internalize and sustain characters, analyze literature, develop French Objectives, prepare for auditions, and perform, direct, and write short scenes in a one-act play. The course also surveys various methods of script and character analysis including, but not limited to, Uta Hagen's six points, CROW, and the Anne Bogart 9 Viewpoints.

H162. Acting 2 ‡

Gr. 9-12

.5 Credit

Semester

Prerequisite: Acting 1 ↓

(Arts Education)

This course is continuation of Acting I, comprised of studio scenes and monologues to develop the actors' abilities to internalize and sustain characters, analyze literature, and develop French Objectives, prepare for auditions, and perform in a one-act play. Acting 2 explores the philosophical, psychological, and ethical perspectives of the paramount acting coaches, including Stanislav, Chekhov, Meisner, Adler, Strasburg, and Hagen, and the practical application of these perspectives to acting.

H160. Improvisational Theatre

Gr. 9-12

1 Credit

Full Year

(Arts Education)

Improvisational Theatre utilizes theatre exercises and activities to teach students the skills necessary to perform spontaneous scenes as well as short and long form improv on stage. These skills include vocalization, stage presence, and incorporation of a basic knowledge of classical, historical, and contemporary topics.

H168. Improvisational Theatre 2

Gr. 10-12

1 Credit

Full Year

Prerequisite: Improvisational Theatre

(Arts Education)

This course is designed to refine the students' understanding and application of the art of improvisation, to develop a deeper understanding of the art, to establish positive self-confidence by polishing performing skills and to assist with the introduction of the art to beginning students. In addition, the students will create special projects, using research and presentation skills as well as continue to learn to create a positive, supportive environment in which to accept and give critiques.

H163. Theatre Studies

Gr. 9-12

1 Credit

Full Year

(Arts Education)

Areas of study in this course include technical theatre, acting, and playwriting. Choose one area or try all three. The aspects covered will include technical practicum and design, rehearsal and performance, written critiques, original plays, and production of original materials and published works.

Music

H910. Concert Band (Arts Education)

Gr. 9-12

.5 Credit

Full Year
Every Other Day

This course covers the standard band repertoire in addition to contemporary music. Students will focus on ensemble concepts such as balance, blend, tone and intonation. Through selected literature, students will also gain improved technical facility and knowledge of their own instrument. The course is open to all students who play a band instrument. **Participation in concerts and functions during school and after school hours is expected.**

Note: *This course may be taken more than once during a student's high school career.*

H912. Jazz Band (Arts Education)

Gr. 9-12

.5 Credit

Full Year
Every Other Day

Prerequisite: Bass guitar, guitar, piano, and drum players must audition for this class.

Students will cover the standard repertoire as well as contemporary music. Students will learn basic improvisational techniques in addition to the ensemble experience. Students will also be expected to develop music reading skills and learn basic theory. This class is open to all students who play saxophone, trombone, trumpet, bass guitar, guitar, piano, and drums. **Participation in concerts and functions during school and after school hours is expected.**

Note: *This course may be taken more than once during a student's high school career.*

H911. Honors Jazz Band (Arts Education)

Gr. 10-12

1 Credit

Full Year

Weighted Course

Prerequisite: By audition only

Students cover the standard repertoire as well as contemporary music and learn improvisational techniques in addition to ensemble techniques. This is a select ensemble and requires instructor approval based on audition. **Participation in concerts and functions during school and after school hours is expected.**

Note: *This course may be taken more than once during a student's high school career.*

H915. Guitar (Arts Education)

Gr. 9-12

.5 Credit

Semester

This course is designed for students with little or no experience in guitar. Students learn tuning, reading, and music notation with tablature. Chord construction, knowledge of scales, and performance of tunes is emphasized. Students must own an acoustic guitar for enrollment.

H916. Guitar **2nd** (Arts Education)

Gr. 9-12

.5 Credit

Semester

Prerequisite: B- or higher in Guitar H915 or instructor's approval

Guitar II requires that guitar performance ability and music reading level are commensurate with the successful completion of Guitar H915. Students will continue to improve their technique, ability to read music notation, and understanding of music theory. Individual and ensemble performances will be emphasized. Students must own an acoustic guitar for enrollment.

H922. Concert Choir (Arts Education)	Gr. 9-12	.5 Credit	Full Year Every Other Day
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Concert Choir offers students the opportunity to explore vocal music through participation in a larger ensemble. It is open to students who demonstrate a sufficient degree of vocal/musical facility and ensemble awareness to perform a variety of literature and musical styles at a moderate level of difficulty. While the focus is on choral performance, skills in music reading, listening and interpretation will also be addressed. **Participation in concerts and functions during school and after school hours is expected.**

***Note:** This course may be taken more than once during a student's high school career.*

H921. Jazz Choir (Arts Education)	Gr. 9-12	.5 Credit	Full Year Every Other Day
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Jazz Choir introduces students to the jazz style of singing using standard jazz repertoire as well as contemporary literature. Students learn basic improvisational techniques in addition to the skills studied in a traditional choral ensemble. **Participation in concerts and functions during school and after school hours is expected.**

***Note:** This course may be taken more than once during a student's high school career.*

H920. Honors Choir (Arts Education)	Gr. 10-12	1 Credit	Full Year
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Weighted Course

Prerequisite: By audition only

Honors Choir is an advanced-level chamber vocal ensemble and requires instructor approval based on audition. This ensemble is for students who demonstrate an advanced degree of vocal/musical facility and ensemble awareness to perform a variety of literature and musical styles at a medium-advanced level of difficulty. While the focus is on choral performance, skills in music reading, listening and interpretation will also be strongly addressed. **Participation in concerts and functions during school and after school hours is expected.**

***Note:** This course may be taken more than once during a student's high school career.*

H931. Music Theory & Composition 1 (Arts Education)	Gr. 9-12	.5 Credit	Semester
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This course is designed to cover basic fundamentals of music theory. Students learn to identify intervals, clefs, simple harmonization, as well as construct scales and chords, etc. Students learn the art of composing vocal and instrumental music. This course is particularly helpful for students who take a performing ensemble, Guitar class, or are studying privately. It is strongly recommended for students wishing to pursue music studies in college.

Dance

H940. Dance, Movement & Music (Arts Education or Physical Education)	Gr. 9-12	.5 Credit	Semester
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This course is designed for the beginning to intermediate dance student. It introduces students to sequential skills in dance performance and choreography. Students learn a variety of dance styles that may include ballet, jazz, tap, modern, hip-hop, and partner dancing. Students are encouraged to participate in the creative process and discover their own movement potential. Students also develop a historical perspective regarding dance through the study of many styles and genres of dance. **Participation in functions during school and after school hours is expected.**

Note: This course may be taken more than once during a student's high school career.

Visual Arts

H850. Fundamentals of Art (Arts Education)	Gr. 9-12	.5 Credit	Semester
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The Fundamentals of Art course is designed as an introduction to the Visual Arts program and forms the basis for all other Visual Arts courses offered. It consists of a discipline-based study of art production, art criticism, art history, and aesthetics. Students develop their work focusing on the elements and principles of design. They have the opportunity to manipulate several media as they learn the basic techniques for drawing, painting, two-dimensional design, and three-dimensional design.

Note: Successful completion of this course is a prerequisite for all other Visual Arts courses.

H852. 3-D Design and Sculpture <i>Prerequisite: Fundamentals of Art</i> (Arts Education)	Gr. 9-12	.5 Credit	Semester
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This course presents students with an introductory exploration of three-dimensional form. Students work through a series of progressive assignments that encourage a practical understanding of visual elements through media such as cardboard, wire, modeling clay, and foam core.

H356. Introduction to Graphic Arts (Practical Arts)	Gr. 9-12	.5 Credit	Semester
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Using Adobe Illustrator, Photoshop, and InDesign, students learn the art of combining graphic design principles (line, shape, color, value, texture, and form) with typography to visually and creatively communicate information.

H867. Advanced Placement Studio Art <u>Weighted Course</u>	Gr. 11-12	1 Credit	Full Year
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Prerequisite: Fundamentals of Art, Drawing 1 and one of the following: 3-D Design and Sculpture, Ceramics, Drawing 2, Painting, Photography 1, Photography 2
(Arts Education)

This course is intended for highly motivated, self-disciplined students who are committed to the serious study of art. AP Studio Art focuses on a variety of experiences demonstrating a range of understanding of media, techniques, aesthetics, and art history. Students will create portfolios that will entail a three-section structure: quality, concentration, and breadth. They will demonstrate a fundamental competence and range of understanding in visual concerns and methods.

Note: Successful completion of the AP Studio Art exam may entitle the student to receive college credit, depending on the individual college and the test score. Students are expected to take the AP Studio Art exam at the end of this course for a fee of approximately \$95, payable to College Board. Financial assistance is available to those who qualify for SAT waivers.

H858. Ceramics <i>Prerequisite: Fundamentals of Art</i> (Arts Education) Students focus on the theory and practice of basic ceramics, including methods of hand construction, glazing, and kiln firing. Emphasis is placed on the historical and cultural background of the craft.	Gr. 9-12	.5 Credit	Semester
H856. Drawing 1 <i>Prerequisite: Fundamentals of Art</i> (Arts Education) In this course, students explore a variety of subjects, techniques, and materials to expand their drawing skills. Pencil, colored pencil, charcoal, pastel, and ink are some of the materials used to create still-lives, portraits, landscapes, illustrations, abstract compositions, and perspective drawings.	Gr. 9-12	.5 Credit	Semester
H857. Drawing 2 <i>Prerequisite: Drawing 1</i> (Arts Education) In this course, students expand their understanding of the elements and principles of design as applied to two-dimensional drawing. They explore more intricate media and techniques and begin to formulate portfolio-caliber pieces.	Gr. 10-12	.5 Credit	Semester
H853. Painting <i>Prerequisite: Fundamentals of Art</i> (Arts Education) This course focuses on aspects of form, media, materials, and techniques in structured, specific class problems. Students further develop their understanding of color theory and pictorial quality.	Gr. 9-12	.5 Credit	Semester
H870. Photography 1 <i>Prerequisite: Fundamentals of Art</i> (Arts Education) This introductory course deals with ~~traditional black and white photography as well as~~ digital photography and teaches basic camera handling, how cameras work, ~~and darkroom procedures~~ <u>how lighting works, and how to use photo editing software</u> . Composition guidelines and the elements and principles of art are introduced. ~~The course emphasizes both digital and film media. Any digital or 35mm film camera will do; however a standard SLR, DSLR or point and shoot camera with adjustable manual focus in either media is recommended.~~ Students will be required to complete weekly homework assignments and will create a portfolio of their work by the end of the course. Note: ~~This course requires a lab fee of \$35~~ <u>Any DSLR with adjustable manual focus is recommended.</u>	Gr. 9-12	.5 Credit	Semester
H871. Photography 2 <i>Prerequisite: Photography 1</i> (Arts Education)	Gr. 10-12	.5 Credit	Semester

This advanced photography course builds on skills and techniques learned and mastered in Photography 1. Students will explore advanced technical, artistic, and commercial aspects of digital and traditional film photography. Students will prepare a portfolio of work to exhibit at the completion of the course. Students will be required to complete weekly homework assignment, ~~and~~ will produce a website for their photography work, and learn ways to market their photography and get work in the field.

Note: ~~This course requires a lab fee of \$45.~~ It is highly recommended that students have access to a DSLR with adjustable manual focus and/or exposure capability.



H262. Senior Quest

Gr. 12

1 Credit

Full Year

A cross-disciplinary 21st Century independent project

Prerequisite: By application only. Limited to 30 students.

Elective Credit is Awarded

A capstone to the academic career of those enrolled, Senior Quest offers students a chance to engage in a self-directed, project-based process aided by a faculty adviser. Throughout the year, Senior Quest students will develop their skills as critical thinkers, collaborators, creators, and communicators as they explore an subject of deep, personal interest. The students' project development will unfold in four phases, coinciding with each quarter, which they will document via an original website dedicated to showcasing their experience. Their endeavor will culminate in a finished project or performance presentation open to HBHS faculty, students, and community.

Senior Quest: Honors-by-Contract

Weighted Course

Students enrolled in Senior Quest have the option of Honors by Contract. To be eligible for Honors Credit, students must agree to the terms outlined in a contract determined by the Senior Quest teacher at the beginning of the year.

World Languages

Through a communicative approach, the World Language Department promotes proficiency in languages along with knowledge of cultures and literature and strives to foster an appreciation of differences and similarities among peoples and nations. Many colleges and universities have a world language requirement and prefer that students study the same language for a minimum of three years at the high school level. Students who excel in the target language in eighth grade typically enroll in level two as a freshman and therefore have the potential to continue through the fifth level. Students who have not developed a strong base in the language are strongly urged to enroll in level one. Students and parents should work with their language teachers and school counselors to choose the best placement and to maximize the potential for success in the language studied.

H505. Introduction to Modern Languages

Gr. 9-10

1 Credit

Full Year

Prerequisite for Grade 9: Recommendation of Reading Specialist or Language Teacher
(World Language)

This course is designed for students who have participated in the reading program at the middle school and would like to improve their English grammar skills prior to learning a world language. IML provides an introduction to the concept of language. Through this second language learning approach, students will gain knowledge and awareness of languages, countries, traditions, and customs worldwide. Skills learned in this course have proven to be a valuable precursor to successful completion of future world language classes.



H510. French 1

Gr. 9-11

1 Credit

Full Year

Prerequisite for Grade 9: Recommendation of Reading Specialist or Language Teacher
(World Language)

This course develops the students' abilities to read, write, speak, and understand simple French used in day-to-day living. Accurate pronunciation and fundamentals of good usage in writing and speaking are stressed. Cultural awareness is a major goal of this course, including that of listening to native speakers. Most readings, projects, and vocabulary are centered on cultural topics. Students are expected to begin speaking more French during class as they expand their communication skills.



H520. French 2

Gr. 9-12

1 Credit

Full Year

Prerequisite: French 1
(World Language)

This course is a continuation of the French 1 program. It reinforces and strengthens all four aspects of the language – reading, writing, listening, and speaking – as well as develops a greater awareness and understanding of French culture. Students are expected to speak French during class as they expand their communication skills and listening skills, and continue to improve their understanding of native speakers. This course is intended for any student who wants to continue with a study of the French language.

**H530. French 3 ~~IV~~****Gr. 10-12****1 Credit****Full Year****Prerequisite:** French 2 ~~IV~~

(World Language)

This course offers the opportunity for students to apply the knowledge learned in the previous two levels, while continuing to learn new concepts in all four aspects of a language: reading, writing, listening, and speaking. A broad range of short stories, plays, poetry, music, and films in French will be presented. The study of Francophone culture, geography, and historical concepts are combined with a thorough presentation and review of grammar. Students will continue to speak more French during class as they expand their communication skills, while continuing to listen to and understanding native speakers. This course is intended for students who have successfully completed the first two levels of French and are eager to apply their knowledge and better communicate with the world around them.

**H540. French 4 ~~IV~~****Gr. 11-12****1 Credit****Full Year****Prerequisite:** French 3 ~~IV~~

(World Language)

This course is offered to students who wish to further study the French language and culture, but don't want to continue into the AP French course. These students must have successfully completed French through the third level. This course is designed to incorporate history, culture, and contemporary issues in the Francophone world and French cultures through music, film, and literature. A continuation of French grammar and vocabulary will coincide with each unit. In this course, students will be provided with an in-depth view and analysis of the topics and themes covered. Students are encouraged and expected to practice writing, speaking, listening, and reading French.

**H541. Honors French 4 ~~IV~~****Gr. 11-12****1 Credit****Full Year****Weighted Course****Prerequisite:** A grade of **B-** or higher in French 3 ~~IV~~ or recommendation of Department Chair

(World Language)

Students will further expand and fine-tune their ability to communicate in French effectively in all four areas of communication (speaking, listening, reading, and writing). The curriculum includes oral presentations on various topics, skits, interviews, impromptu speeches, reports, projects, etc. Contemporary vocabulary for everyday situations will be studied on a weekly basis. Compositions and email replies will be done on a regular basis. There will be an in-depth review and study of grammar. The six themes, based on the College Board's Curriculum Framework, will be introduced throughout the year. Students will expand their knowledge of French and Francophone cultures. Class is conducted completely in French (except in rare cases to explain administrative procedures and difficult grammar) and students are expected to use the target language during class at all times, unless given permission to do otherwise. This course is conducted as a precursor to the AP level and it is designed for any student with a strong command of and interest in French. (*Students who enroll in this course will be required to complete a summer assignment prior to the start of class.*)

**H562. Advanced Placement French****Gr. 11-12****1 Credit****Full Year****Weighted Course****Prerequisite:** A grade of **B-** or higher in Honors French 4 ~~IV~~ or recommendation of Department Chair

(World Language)

In accordance with AP guidelines, this course will provide students with a learning experience equivalent to that of a third-year college course in French language. This means developing a strong

command of the French language, with proficiency in integrating language skills and synthesizing written and aural materials, the formal writing process, extensive interpersonal and presentational speaking and writing practice, and aural comprehension skills through quality, authentic, and level-appropriate audio and video recordings. Students are also further exposed to the world of literature and current events of French-speaking countries through authentic written texts, including newspaper and magazine articles, literary texts, and other nontechnical writings that develop students' reading and comprehension abilities. Class is conducted completely in French (except in rare cases to explain administrative procedures and difficult grammar) and includes frequent writing and integration of skills with a rigorous review of grammatical structure, and the six themes, based on the College Board's Curriculum Framework, will be the focus of the teaching and learning throughout the year. Students will make connections between their learning in the French classroom, their learning in other classes, and their daily lives. Students will use French in ways that reach or approach a high level of proficiency. Advanced organizational and analytical strategies are taught. An array of resources is used as necessary to facilitate the learning process. Students are required to use the target language during class at all times. (*Students who enroll in this course will be required to complete a summer assignment prior to the start of class.*)

Note: Successful completion of the AP French exam may entitle the student to receive college credit, depending on the individual college and the test score. Students are expected to take the AP French exam at the end of this course for a fee of approximately \$95, payable to College Board. Financial assistance is available to those who qualify for SAT waivers.



H511. Spanish 1

Gr. 9-11

1 Credit

Full Year

Prerequisite for Grade 9: Recommendation of Reading Specialist or Language Teacher
(World Language)

This course develops the students' abilities to read, write, speak, and understand simple Spanish used in day-to-day living. Accurate pronunciation and fundamentals of good usage in writing and speaking are stressed. Cultural awareness is a major goal of this course, including that of listening to native speakers. Most readings, projects, and vocabulary are centered on cultural topics. Students are expected to begin speaking more Spanish during class as they expand their communication skills.



H524. Spanish 2

Gr. 9-12

1 Credit

Full Year

Prerequisite: Spanish 1
(World Language)

This course is a continuation of the Spanish 1 program. It reinforces and strengthens all four aspects of the language – reading, writing, listening, and speaking – as well as develops a greater awareness and understanding of Hispanic culture. Students are expected to speak Spanish during class as they expand their communication skills and listening skills, and continue to improve their understanding of native speakers. This course is intended for any student who wants to continue with a study of the Spanish language.



H536. Spanish 3

Gr. 10-12

1 Credit

Full Year

Prerequisite: Spanish 2
(World Language)

This course offers the opportunity for students to apply the knowledge learned in the previous two levels, while continuing to learn new concepts, in all four aspects of a language; reading, writing, listening, and speaking. A broad range of short stories, plays, poetry, music, and films in Spanish will

be presented. The study of Hispanic culture, geography, and historical concepts are combined with a thorough presentation and review of grammar. Students will continue to speak more Spanish during class as they expand their communication skills, while continuing to listen to and understand native speakers. This course is intended for students who have successfully completed the first two levels of Spanish and are eager to apply their knowledge while better communicating in the world around them.



H545. Spanish ~~4~~ IV

Gr. 11-12

1 Credit

Full Year

Prerequisite: Spanish ~~3~~ III

(World Language)

This course is offered to students who wish to further study the Spanish language and culture, but don't want to continue into the AP Spanish course. These students must have successfully completed Spanish through the third level. This course is designed to incorporate history, culture, and contemporary issues in the Hispanic world and Spanish cultures through music, film, art, and literature. A continuation of Spanish grammar and vocabulary will coincide with each unit. In this course, students will be provided with an in-depth view and analysis of the topics and themes covered. Students are encouraged and expected to practice writing, speaking, listening, and reading Spanish.



H546. Honors Spanish ~~4~~ IV

Gr. 11-12

1 Credit

Full Year

Weighted Course

Prerequisite: A grade of B- or higher in Spanish ~~3~~ III or recommendation of Department Chair

(World Language)

Students will further expand and fine-tune their abilities to communicate Spanish effectively in all four areas of communication (speaking, listening, reading, and writing). The curriculum involves oral presentations on various topics, skits, interviews, impromptu speeches, reports, projects, etc. Contemporary vocabulary for everyday situations will be studied on a weekly basis. Compositions and email replies will be done on a regular basis. There will be an in-depth review and study of grammar. The six themes, based on the College Board's Curriculum Framework will be introduced throughout the year. Students will expand their knowledge of Spanish and Latin American culture. Class is conducted completely in Spanish (except in rare cases to explain administrative procedures and difficult grammar) and students are expected to use the target language during class at all times, unless given permission to do otherwise. This course is conducted as a precursor to the AP level and it is designed for any student with a strong command of and interest in Spanish. (*Students who enroll in this course will be required to complete a summer assignment prior to the start of class.*)



H565. Advanced Placement Spanish

Gr. 11-12

1 Credit

Full Year

Weighted Course

Prerequisite: A grade of B- or higher in Honors Spanish ~~4~~ IV or recommendation of Department Chair

(World Language)

In accordance with AP guidelines, this course will provide students with a learning experience equivalent to that of a third-year college course in Spanish language. This means developing a strong command of the Spanish language, with proficiency in integrating language skills and synthesizing written and aural materials, the formal writing process, extensive interpersonal and presentational speaking and writing practice, and aural comprehension skills through quality, authentic, and level-appropriate audio and video recordings. Students are also further exposed to the world of literature and current events of

Spanish-speaking countries through authentic written texts, including newspaper and magazine articles, literary texts, and other nontechnical writings that develop students' reading and comprehension abilities. Class is conducted completely in Spanish (except in rare cases to explain administrative procedures and difficult grammar) and includes frequent writing and integration of skills with a rigorous review of grammatical structures, and the six themes, based on the College Board's Curriculum Framework, will be the focus of the teaching and learning throughout the year. Students will make connections between their learning in the Spanish classroom, their learning in other classes, and their daily lives. Students will use Spanish in ways that reach or approach a high level of proficiency. Advanced organizational and analytical strategies are taught. An array of resources is used as necessary to facilitate the learning process. Students are required to use the target language during class at all times. (*Students who enroll in this course will be required to complete a summer assignment prior to the start of class.*)

Note: Successful completion of the AP Spanish exam may entitle the student to receive college credit, depending on the individual college and the test score. Students are expected to take the AP Spanish exam at the end of this course for a fee of approximately \$95, payable to College Board. Financial assistance is available to those who qualify for SAT waivers.



H512. Latin 1† (World Language)

Gr. 11-12

1 Credit

Full Year

This course ~~is functions as~~ an introduction to Latin that focuses on the relevance of classical languages and their enduring influence on ~~English and~~ Romance languages such as French and Spanish. English grammar is studied in conjunction with Latin grammar in order to form a more complete understanding of both. Students learn to pronounce Latin correctly, read Latin ~~out loud~~ aloud, and to translate stories from Latin to English. ~~A significant aspect of this course is the study of~~ The majority of the class focuses on grammar, vocabulary and etymology, all of which strengthens ~~the~~ students' overall language base. In addition, Latin 1 introduces a more in-depth study of Roman culture, history, archeology, and myth to accompany and better contextualize the primary language component. The influence of the ancient Greek language along with Greek culture and myth upon Latin and the Romans are also key components of the curriculum. ~~and culture are also integral components of this course.~~ Juniors will be given preference for enrolling in this course.



H522. Latin 2† Prerequisite: Latin 1† (World Language)

Gr. 12

1 Credit

Full Year

This course builds upon ~~the~~ skills developed in Latin 1†, including a more ~~in-depth and~~ intensive study of Latin grammar and the introduction of true Latin syntax. Students will continue to learn ~~a~~ significant amounts of vocabulary, in addition to challenging new grammatical concepts. ~~and continue to read and translate from Latin into English more complex stories than in Latin I.~~ Etymology, Roman culture, and Roman history continue to be important components of the Latin sequence. Latin 2 students will begin to work with authentic Latin texts from antiquity, as well as translate more complex, artificial Latin stories from the curriculum textbook. Etymology, Greek/Roman culture, and spoken Latin continue to be critical components of the Latin sequence. Latin 2 will enable students to engage with primary source Roman authors, analyze and compare the cultural aspects and perspectives of various Classical Greek and Roman texts, and generate language that involves basic-intermediate vocabulary and grammar patterns.

**H262. Senior Quest****Gr. 12****1 Credit****Full Year***A cross-disciplinary 21st Century independent project**Prerequisite: By application only. Limited to 30 students.**(Course Credit is dependent on topic)*

A capstone to the academic career of those enrolled, Senior Quest offers students a chance to engage in a self-directed, project-based process aided by a faculty adviser. Throughout the year, Senior Quest students will develop their skills as critical thinkers, collaborators, creators, and communicators as they explore a subject of deep, personal interest. The students' project development will unfold in four phases, coinciding with each quarter, which they will document via an original website dedicated to showcasing their experience. Their endeavor will culminate in a finished project or performance presentation open to HBHS faculty, students, and community.

Senior Quest: Honors-by-Contract**Weighted Course**

Students enrolled in Senior Quest have the option of Honors by Contract. To be eligible for Honors Credit, students must agree to the terms outlined in a contract determined by the Senior Quest teacher at the beginning of the year.

Career and Technical Programs

Hollis Brookline students are eligible to participate in Alvirne, Milford, Mascenic, Nashua North, and Nashua South High Schools career and technical education programs. [The class listings on pages 71-85 are subject to change, based on the 2017-18 course offerings at the technology centers.](#) All courses take a hands-on approach to learning and prepare students for the work force, a technical college, or a four-year school. These classes are two periods in length and usually require one period for transportation to and from the school. Transportation is provided to these programs. All of the courses within the Career and Technical Programs have designated course numbers or descriptions. Interested students should state their intentions to their school counselors prior to the end of their sophomore year. [Beginning with the Class of 2020, if a comparable CTE course is offered at both Nashua and Milford, whenever possible and subject to availability, students will be enrolled in the Nashua program. Some courses may qualify as a 4th year math experience, as approved at the discretion of the superintendent or designee.](#)

[Alvirne High School](#)

The following courses are available to students at Hollis Brookline High School and are offered as part of a two-year program to be taken during a student's junior and senior years.

[Air Force JROTC](#)

[Computer Science 1 & 2](#)

Forest & Wildlife Management 1 & 2

Heavy Duty Mechanics 1 & 2

Horticultural Operations 1 & 2

Veterinary Science 1 & 2

[Welding 1](#)

[Milford Applied Technology Center and Mascenic High School](#)

Milford and Mascenic's Technical Studies Division offers a variety of two-credit programs in one or two-year sequences preparing students to:

1. Continue their courses of study in technical fields at two-or-four year-year colleges
2. Learn and apply technical and academic-related skills that will enable them to succeed at advanced levels of training and/or education
3. Acquire entry-level skills for employment upon graduation.

The following courses are offered as either one or two-year programs to be taken during a student's junior and/or senior years. Students need to complete at least the first two years of a program's sequence to fully benefit from the program.

Accounting

Automotive Technology (Mascenic)

Biotechnology: Microbiology/Genetics

Business

Computer Science

Construction Technology

Culinary Arts

Graphic Arts

Marketing

Precision Machining

Pre-Engineering

Video Production

[Nashua Technology Center](#)

The following courses are offered as part of a two-year program to be taken during a student's junior and senior years. Juniors and students who will be able to complete BOTH years of the program are given

preference when enrollments in these courses are determined. Students must fill out an application (available from the Guidance Department) for the first year of the program. Students who successfully complete the first year (level 1) of the program with a **C-** or higher will be allowed to enroll in the second level. Unless otherwise indicated, the courses are worth two credits and are considered restricted electives and free choice electives.

Accounting 1	Construction Tech 1 & 2	Financial Services 1 & 2
Advanced Precision Machine	Computer Networking 1 & 2	Intro to Engineering Design
Automotive Tech 1 & 2	Cosmetology 1 & 2	Health Sciences 1 & 2
Biotechnology 1 & 2	Culinary Arts 1 & 2	Hospitality & Hotel Management 1 & 2
CADD 1 & 2	Design & Visual Comm. 1 & 2	HVAC 1 & 2
Careers in Education 1 & 2	Electrical Trades 1 & 2	Precision Machine Tech 1
College Accounting	Engineering Pathways Electives	Video Production & Broadcasting 1 & 2

Technical Courses

Accounting

H1090. Accounting I (*Milford, Nashua*) **Gr. 10-11** **1 Credit** **Semester**
(Practical Arts)

Accounting I provides strong foundational skills in the field of business and advanced accounting. Explore the language of business. Learn the accounting cycle using manual and computerized accounting systems for sole proprietorships and corporations. This semester course is open to students who want to understand the flow of money in a business. If you plan a career in accounting, business, finance, management, marketing, banking or plan on going into business on your own, this course is a must.

College Credit: May be available through the *Running Start* program.

H1091. Accounting II (*Milford, Nashua*) **Gr. 11-12** **1 Credit** **Semester**
(Practical Arts)

Students will expand upon the foundation skills established in Accounting 1. Focus will be on departmentalized and corporate accounting systems as well as financial analysis, accounting for plant assets, and accrued accounting. Students will reinforce their learning by completing computerized projects and simulations to provide a realistic approach to problem solving. Students may have the opportunity to keep the financial records for various programs within the school. With such increased competency, students will be better prepared for entry into any post-secondary business program, or to pursue work in the business field.

College Credit: May be available through the *Running Start* program.

Recommendation: Successful completion of Accounting I with a C or higher.

H1092. Accounting III (*Milford*) **Gr. 11-12** **1 Credit** **Semester**
(Practical Arts)

In Accounting 3 you will learn budgetary planning and control, cost accounting, and not-for-profit accounting. In this self-paced course, you will work individually to reinforce your skills by completing a variety of computerized projects and activities that simulate real-world applications.

Recommendation: Successful completion of Accounting II with a C or higher.

Air Force JROTC

JROTC 1 (Alvirne)	Gr. 9-12	Credit TBD	Full Year
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This is the entry-level course for Junior ROTC, and first-time students are usually enrolled in this course regardless of their school status. Aerospace Academics focus on the history of aviation. The study of aviation pioneers and strong military leadership complements the history lessons. Leadership education is designed to help freshmen adapt to the high school environment, and include time management, fitness and wellness, flag etiquette, and customs and courtesies of the Air Force.

JROTC 2 (Alvirne)	Gr. 9-12	Credit TBD	Full Year
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Prerequisite: Completion of or concurrent enrollment in JROTC 1 (with prior approval of instructor)

This is the second year course for Junior ROTC and is still taught at an introductory level. Aerospace Academics focus on the science of aviation, covering topics such as basic aerodynamics, aviation physiology, meteorology, and navigation. Additionally, topics in space studies are covered to include the solar system and the development of the U.S. Space Program. The Leadership Education is designed to improve student communication skills, and include speaking and writing assignments, study of individual and group behavior, and basic leadership concepts.

JROTC 3 (Alvirne)	Gr. 9-12	Credit TBD	Full Year
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Prerequisite: JROTC 1 & 2 or concurrent enrollment with prior approval of instructor.

This is the third year course for Junior ROTC and is more academically challenging than JROTC 1 and 2. Aerospace Academics for this course is focused on Global Studies. This is a customized course about the world's cultures. The course is specifically created for the US Army, Marine Corps, Navy, and Air Force Junior ROTC programs. It introduces students to the world's cultures through the study of world affairs, regional studies, and cultural awareness. The course delves into history, geography, religions, languages, culture, political systems, economics, social issues, environmental concerns, and human rights. It looks at major events and significant figures that have shaped each region. Leadership academics are designed to study and improve student management skills, choosing a career path, how to apply for and fund college, skills inventory and resume writing.

JROTC 4 (Alvirne)	Gr. 9-12	Credit TBD	Full Year
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Prerequisite: JROTC 3

This is the fourth year course for Junior ROTC. Cadets in this class will be held to the highest academic and behavioral standards. Cadets in JROTC 4 will be charged with the management and leadership of the Alvirne High School cadet organization. Returning JROTC students must have an excellent academic record of performance, an exemplary record of behavior and classroom conduct, not only in JROTC but in all classes, in order to enroll in JROTC. Students not meeting that standard may be denied enrollment in JROTC 4. The Leadership Educations Academics are all designed to study and improve student management skills. Students from JROTC classes may be assigned to supervise JROTC 1 classes.

Automotive Technology

H1050. Automotive Technology I (*Mascenic, Nashua*)

Gr. 11

2 Credits

Full Year

Prerequisite: Algebra 1

(Practical Arts)

Automotive Technology I explores the transportation industry, automotive industry, and specific automotive systems. Students learn about the vehicle lubrication, wheels and tires, brake systems, basic automotive electronics, and steering and suspension. Instruction time is divided between the classroom and the shop. Students are required to maintain a notebook and participate in repair and maintenance procedures in the automotive lab. *Note: Applicants must possess a valid driver's license without any violations.*

College Credit: May be available through the *Running Start* program.

H1051. Automotive Technology 2 (*Mascenic, Nashua*)

Gr. 12

2 Credits

Full Year

(Practical Arts)

Students will participate in this work-study program consisting of instructional time spent in the classroom, as well as automotive lab and work time in area automotive service centers. Automotive Technology 2 is designed to prepare the student for further studies at the post-secondary level and/or a position in an entry-level job within the automotive repair industry.

Note: *Applicants must possess a valid driver's license without any violations.*

College Credit: May be available through the *Running Start* program.

H1053. Heavy Duty Mechanics 1 (*Alvirne*)

Gr. 11

2 Credits

Full Year

(Practical Arts)

This course is designed to give students an understanding of large diesel and gasoline engines, as related to construction and agricultural equipment. Subject areas include equipment operation and maintenance, theory of engine operation, engine overhaul, hydraulics, power train, operation, welding, diagnostics, and troubleshooting. Safety will be stressed in all aspects of the course. Students will apply what they learn by gaining practical experience in the heavy equipment shop. Students can apply what they learn to help them with careers in mechanics, agriculture, construction, or trucking.

1054. Heavy Duty Mechanics 2 (*Alvirne*)

Gr. 12

2 Credits

Full Year

(Practical Arts)

This course allows students to apply and expand upon skills and knowledge gained in the first year of the program. Students will work on construction and agricultural equipment performing repair, overhaul, diagnostics, and troubleshooting. Students will become independent through projects requiring record keeping, disassembly, analysis, replacement of parts, and final reassembly to a working condition. Students will troubleshoot basic diesel engine malfunctions using the latest computer technology. This course will help prepare students for an entry level job in heavy equipment maintenance or a technical school program in mechanics.

Biotechnology

H1827. Microbiology: Principles and Practices (*Milford*)

Gr. 11-12

1 Credit

Semester 1

(Life Science/Biology)

Microbiology: Principles and Practices is an advanced laboratory and activity based program meant to introduce students to principles and practices of medical microbiology. Microbiology is an essential course for any student interested in a career in the life sciences such as nursing, microbiologist, geneticist, biochemist, forensic scientist, medical doctor or a veterinarian.

Note: Students may apply for Honors level credit that will require and independent research project.

College Credit: May be available through the *Running Start* program.

H1040. Biotechnology/Genetics (Milford)
(Science)

Gr. 11-12

1 Credit

Semester 2

This class is intended to expose students to various biotechnology fields such as microbial, agricultural, animal, forensic, bioremediation, aquatic, and medical. This class engages the student in several areas such as molecular biology, cell biology, immunology and bioethics. Techniques that will be discussed and used in the laboratory will include genetic engineering for the expression of a specific protein and immunoassay development in order to develop monoclonal antibodies. Through re-creations of actual industry investigations and intense laboratory efforts, students will perform individual research projects. Students will maintain lab equipment and will gain experience writing technical labs, protocols, and a formal research paper. Guest speakers will highlight the course work as well as industry related field trips. Mini-internships are available for the very motivated students. Students interested in pursuing careers such as forensic scientist, nursing, microbiologist, geneticist, biochemist, medical doctor or veterinarian will find Biotechnology a strong component of these career fields.

College Credit: May be available through the *Running Start* program.

H1041. Biotechnology I (Nashua)

Prerequisite: Algebra 1

(Life Science/Biology)

Gr. 12

2 Credits

Full Year

Explore biotechnology by working in a state-of-the-art laboratory environment and earn your required Biology credit. Learn basic protocols and advanced techniques for analyzing cell structures, genetic manipulation, medical microbiology, molecular biology and protein production. In this academic course, you will explore the theories and technologies of the rapidly expanding biotech industry which will develop the skills needed to pursue a variety of medical and scientific careers.

H1042. Biotechnology II (Nashua)

(Science)

Gr. 12

2 Credits

Full Year

Become skilled in laboratory techniques most in demand in today's life science laboratories and the biotech industry. Learn more about genetics, cell structure, protein production and purification. Re-create actual industry investigations in a real-world biotech laboratory. Write a resume and build a personal portfolio by writing technical labs and protocols. Guest speakers and field trips will supplement your lab and class work. Internships may be available for qualified students.

Business and Hospitality

H1015. Applied Business Applications (Milford)

(ICT, Practical Arts)

Gr. 11-12

1 Credit

Semester 1

Explore intermediate applications of end-user productivity software, including office suites. Topics include the functions of business, exploring current trends and learning about business career opportunities. Topical discussions include the economics of business, our multicultural society and its implications for business, global business and social responsibility and business ethics.

H1016. Principles of Business & Entrepreneurship (Milford)

(ICT, Practical Arts)

Gr. 11-12

1 Credits

Semester 2

Learn advanced application of end-user productivity software, including office suites. Emphasis is on data sharing and integration, desktop information management, as well as interacting in each application with the Internet. Included is a study of business structures such as the forms of business organizations and entrepreneurship; an overview of the origin of law and the federal and state court systems; an introduction

to the study of the law of contracts, property, bailment and agency. The case approach will be emphasized. Upon completion of Business Administration and enrollment in Business Management, juniors and seniors may apply for Running Start college credit.

H1014. Personal Finance and Career Management (Milford) **Gr. 11-12** **1 Credits** **Semester**
(ICT, Practical Arts)

This course provides students with an opportunity to gain knowledge and skills that are necessary to function effectively as consumers, workers and responsible citizens in today's global economy. A multi-faceted focus on financial literacy and post high school education/training options as well as keys to success in the modern workplace are stressed. Students learn the skills required to be an informed consumer, with key topics including, income and taxes, budgeting, savings and credit, and checking account management. Students will be exposed to goal-setting, decision-making and problem-solving as foundational skills needed for success throughout their lifetimes. A professional portfolio will be developed as an essential element of this class.

H1018. Business Management and Law (Milford) **Gr. 11-12** **1 Credits** **Semester**
(ICT, Practical Arts)

Business Management & Law is the capstone course in the Business Program at MHS/ATC and emphasizes the skills necessary to be an effective manager of any business. Students explore various forms of business ownership and are introduced to the roles and responsibilities of a business manager. All functions of management will be covered extensively including decision making, effective communication, and information processing skills. Students will gain practical knowledge while studying economic and social concepts related to laws governing businesses and individuals. Ethics and the law, employment law, consumer protection law and contract law are among the topics that will be included in this course of study.

Recommendation: Successful completion of *Personal Finance & Career Management* **or** *Principles of Business & Entrepreneurship* with a C or better.

H1065. Cosmetology 1 (Nashua) **Gr. 11** **2 Credits** **Full Year**
(Practical Arts)

Gain foundation competencies in Cosmetology related to orientation, safety, leadership, personal development, chemistry, properties of the scalp and hair, draping, shampooing, rinsing and conditioning, removing unwanted hair, waving, wet hairstyling, roller sets, artistry of artificial hair and wigs, manicures and pedicures, the nail and its disorders, hair cutting, thermal hair styling/blow waving, and different types of hair coloring. This is a hands-on course with practice and review in each area. You will be tested individually on each subject and be required to pass a practical assessment as well.

Note: Students can gain hours toward State Cosmetology certification if they demonstrate competency in this course. *Lab fees are required.*

H1066. Cosmetology 2 (Nashua) **Gr. 12** **2 Credits** **Full Year**
(Practical Arts)

Learn how to apply makeup, develop experience and confidence using mannequins, and practice advanced nail techniques. Gain experience by running the in-school salon. Visit supply companies, attend cosmetology symposia, and learn from guest speakers working in the industry. In addition, you will investigate post-secondary educational programs that would enhance your career opportunities.

H1093. Financial Services 1 (Nashua) **Gr. 11** **2 Credits** **Full Year**
(Practical Arts)

Explore the principles, functions, and modern trends and practices of banking and credit in the United States. Students are introduced to credit cards, loans, identity theft, and debt collection. Through a study of the structure of brokerage firms, the trading process, credit and margin practices, automated processes, and government regulations, students gain an understanding of how a securities firm services its customers and plays an important role in our economy.

H1094. Financial Services 2 (Nashua)
(Practical Arts)

Gr. 12

2 Credits

Full Year

Explore two major topics in the world of finance: International Finance and Financial Planning. In the first half of this course, major components of the international financial system are explored. Included is the study of foreign trade, international monetary systems, foreign exchange rates and markets, international financial markets, international banking, and the multinational corporation. The second half of the course introduces the financial planning process and the components of a comprehensive financial plan. Students learn how to prepare a financial plan that includes saving, investing, borrowing, risk management (insurance), and retirement and estate planning.

H1067. Hospitality & Hotel Management 1 (Nashua)
(Practical Arts)

Gr. 11

1 Credit

Semester

Learn about the trends in the tourism and hospitality industry as you are introduced to the job possibilities in the field. Explore the role of the travel agent; learn about the functions in the lodging industry as well as the food and beverage industry. You will learn about customer relations and quality service. You will also learn about work and leisure travel and how people access locations worldwide.

H1068. Hospitality & Hotel Management 2 (Nashua)
(Practical Arts)

Gr. 12

2 Credits

Full Year

Students learn about trends in entertainment, attractions, and recreation and are introduced to the diverse career opportunities in this field. Classes run like a functioning business, as students plan a variety of events for clients within the community (reunions, vacations, banquets) and so much more! Explore the role of the travel agent, and learn about the lodging and food and beverage industry. Students develop vital organization and professional skills, as well as learn about customer relations and quality service.

Computer Science and Technology

H1011. Programming Fundamentals (Milford)
(Practical Arts)

Gr. 11-12

1 Credit

Semester 1

This course is intended for students with no prior experience in computer programming. Students will be introduced to logic, ethics, number systems, and other fundamental computer science topics. Students learn to write computer code using the assistance of *Karel the Robot* and the Java programming language. **College Credit:** May be available through the *Running Start* program.

H1085. Computer Science Principles (Milford)
(Practical Arts)

Gr. 11-12

1 Credit

Semester

Computer Science Principles is designed to introduce students to the central ideas of computing and CS, to instill ideas and practices of computational thinking, and to engage students in activities that show how computing and CS change the world. In this course, students learn how to access the world of mobile services and applications as creators, not just consumers. They will create entertaining and socially useful apps that can be shared with friends and family. In addition to becoming better problem solvers, students will also explore the exciting world of computer science from the perspective of mobile computing and its increasingly important effect on society. This course is part of a national project through the College Board and national Science Foundation and is expected to become an AP level course in the future.

H1012. Java Programming (Milford)	Gr. 11-12	1 Credit	Semester 2
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(Practical Arts)

Prerequisite: Programming Fundamentals

This course is intended for students who have successfully completed Programming Fundamentals. Students with prior programming experience must obtain instructor approval. This class is considered a pre-AP class and students will be expected to complete written and programming assignments on various programming concepts including basic data structures. Emphasis is placed on procedural programming techniques, documentation, development of algorithms to process numerical information and text, and coding and debugging techniques.

H1089. Data Structures (Milford)	Gr. 11-12	1 Credit	Semester
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(Practical Arts)

Prerequisite: Successful completion of Java Programming with a grade of "B" or better.

This is a course in the study of program methodology, algorithms, and data structures as implemented in Java. Numerous applications of mathematical & linguistic computing provide the context in which these subjects are treated. Students create programs and work with logical and theoretical problems. The course is an Advanced Placement course and students taking this course will be expected to take the standardized AP test in May through which they can earn college credit by achieving a qualifying score on the test.

H1086. Computer Networking 1 (Nashua)	Gr. 11	2 Credits	Full Year
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(Practical Arts)

This course satisfies the computer requirements for graduation. The functionality and operation of the OSI and TCP/IP model layers will be explored in depth. IP addressing and subnetting will be covered. Ethernet theory of operation, as well as network planning and cabling will be studied. Students will learn the proper methods of cable termination and how to use various tools and meters for network testing. Routing principles and packet forwarding strategies will be examined. Static and dynamic routing strengths and weaknesses, as well as the pros and cons of distance vector and linkstate routing protocols will be investigated. Students will be introduced to variable length subnet masking and classless inter-domain routing.

H1087. Computer Networking 2 (Nashua)	Gr. 12	2 Credits	Full Year
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(Practical Arts)

Students study a wide variety of topics including LAN design and switching concepts and configuration. Virtual LANS (VLANs), Virtual Trunking Protocol and Spanning-Tree Protocol, along with inter-VLAN routing will be examined. Wireless networking concepts are covered. Students learn various wide area connection protocols, such as Point-to-Point (PPP) and Frame Relay. Network security, including intrusion-prevention, Access Control Lists, and specialized access techniques for telecommuting are examined. Students are introduced to automatic addressing, (DHCP and Network Address Translation), as well as new protocols such as new generation RIP (RIPng) with IPv6. Network trouble shooting are covered extensively.

Computer Science 1: Coding and Gaming (Alvirne)	Gr. 10-12	Credits TBD	Full Year
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(Practical Arts)

This course is aimed at the novice computer programmer. It is designed to be a rewarding and fun learning experience for students who have no prior programming knowledge. Students will explore the fundamental concepts and processes to computer programming, and investigate multiple programs which may include Scratch, JavaScript, and Karel. This class will help students develop the ability to write small programs and allow students to accomplish useful goals while providing them with a solid background of standard computer logic to enhance problem-solving skills. Each student is required to create a small game project during the last several weeks of the course.

Computer Science 2: Game Design and Coding (Alvirne) **Gr. 11-12** **Credits TBD** **Full Year**
 (Practical Arts)
Prerequisite: *Computer Science 1*

This course is designed to be far more than a traditional introduction to programming—it is a rigorous and engaging course that explores many of the big, foundational ideas of computing so that all students understand how these concepts are transforming the world we live in. It encompasses problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computer perspectives that help students utilize computers to address real-world problems. The course emphasizes both object-oriented and imperative problem solving design. These techniques represent proven approaches for developing solution that can scale up from small, simple problems, to large, complex problems.

Construction Technology

H1058. Construction Technology 1 (Milford)	Gr. 11-12	1 Credit	Semester 1
H1058. Construction Technology 1 (Nashua)	Gr. 11	2 Credits	Full Year

(Practical Arts)

This is the first semester of the Construction Technology Program. It will be an introduction to basic residential construction, safe operation of construction-related hand and power tools, blue print reading and construction math principles. Students will engage in a variety of modules to learn skills, practice those skills and demonstrate proficiency in basic construction technology program competencies. Skills USA activities are an important part of the student experience in this program.

H1053. Residential Finish Carpentry (Milford)	Gr. 11-12	1 Credit	Semester 2
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(Practical Arts)

Prerequisite: Successful completion of *Construction Technology I* with a grade of “C” or better.

This course teaches all aspects of Residential Finish Carpentry, in which students will focus on theory and practical applications engaging them in a variety of projects. Components encompass wall and ceiling coverings, interior door selection and installation, interior trim details and installation, and basic cabinetry. Students will walk away with a creative skill set applicable to personal or career endeavors. Students who have completed one semester of Residential Finish Carpentry with a C or better are encouraged to enroll in one semester of *Advanced Construction* to complete the Construction Technology Program competencies and to become proficient through practice.

H1052. Adv. Construction Tech (Milford)	Gr. 11-12	1 Credit	Semester 2
H1059. Construction Tech 2 (Nashua)	Gr. 12	2 Credits	Full Year

(Practical Arts)

This course is the continuation of the Construction Technology Program. Students in Adv. Construction Technology review many of the skills learned in Construction technology but use these skills to perform more complex and challenging operations and projects such as stair building, advanced finish work and advanced framing. Advanced students are encouraged to take leadership roles in Skills USA activities.

H1053. Residential Finish Carpentry (Milford)	Gr. 11-12	1 Credit	Semester 2
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(Practical Arts)

Prerequisite: Successful completion of *Construction Technology I* with a grade of “C” or better.

This course teaches all aspects of Residential Finish Carpentry, in which students will focus on theory and practical applications engaging them in a variety of projects. Components encompass wall and ceiling coverings, interior door selection and installation, interior trim details and installation, and basic cabinetry. Students will walk away with a creative skill set applicable to personal or career endeavors. Students who have completed this course with a C or better are encouraged to enroll in *Advanced Construction* to complete the Construction Technology Program competencies and to become proficient through practice.

Culinary

H1063. Culinary Arts 1 (<i>Milford, Nashua</i>)	Gr. 11-12	2 Credits	Full Year
(Practical Arts)			

This introduction to the professional kitchen includes sanitation and safety in a food production area. Attention is focused on food-borne illnesses and their origins along with knife skills and equipment identification. Students will learn techniques in baking to produce breads, rolls, breakfast items, cookies, and cakes. Students will be introduced to pastry production. Students will become proficient in preparing stocks and soups and learn the proper techniques of preparing delicious vegetables, salads and dressings.

College Credit: May be available through the *Running Start* program.

H1064. Culinary Arts 2 (<i>Milford, Nashua</i>)	Gr. 12	2 Credits	Full Year
(Practical Arts)			

This continuation of *Culinary Arts 1* builds upon the foundation skills learned in Level 1 as students produce a more refined product. Areas of study include: sauces (demi-glace, velouté, béchamel, tomato, hollandaise), cooking techniques (sautéing, stir-frying, pan and deep-frying, grilling, broiling, etc.), seafood cookery, and refining knife skills. Students will be introduced to basic cake decoration. Working as part of a team in the on-site restaurant/bakery, students will learn dining room service, experience retail sales and training (with an introduction to a Point of Sales System), menu-planning, and food/labor costs.

College Credit: May be available through the *Running Start* program.

Education

H1060. Careers in Education 1 (<i>Nashua</i>)	Gr. 11	2 Credits	Full Year
(Practical Arts)			

This course introduces students to the basic knowledge needed to pursue a career in the Early Childhood education field. Learn how to set up a classroom environment and how to maintain the health, safety and nutrition of the children in your care. Students explore different philosophies in early childhood education, review children's literature, learn about behavior management and receive an introduction to curriculum and lesson planning. In addition, students work in the Purple Panther Preschool and get hands-on experience with preschool children between the ages of three and four years old.

H1061. Careers in Education 2 (<i>Nashua</i>)	Gr. 12	2 Credits	Full Year
(Practical Arts)			

Learn about the development of the 6-12 year old in a work-based learning environment. Three days a week, you will work as a teacher's aide at local elementary schools during regular class time. In addition to studying philosophies of elementary education, you will study child guidance techniques, strategies to work with all learners, and other career opportunities in this changing society. This course is recommended for students seeking child related careers and positions as future educators.

Electrical Technology

H1021. Electrical Trades 1 (*Nashua*)
(Practical Arts)

Gr. 11

2 Credits

Full Year

This course is designed to teach the skills required to become an apprentice electrician. In this program, students learn to install electrical equipment for lighting, heating and power applications in commercial and residential buildings according to the National Electrical Code.

H1022. Electrical Trades 2 (*Nashua*)
(Practical Arts)

Gr. 12

2 Credits

Full Year

In this course, students further study residential wiring and the National Electrical Code. Topics covered include commercial wiring applications such as motor control, conduit bending and fire alarm systems. Students who successfully complete two years of Electrical Trades Technology training receive 144 hours of credit toward an apprentice license.

Environmental Sciences

H1075. Forest & Wildlife Management 1 (*Alvirne*)

Gr. 11

2 Credits

Full Year

H10755. Forest & Wildlife Management 2 (*Alvirne*)
(Practical Arts)

Gr. 12

2 Credits

Full Year

This course is designed for students with an interest in a career in the outdoors. It will help prepare students for an entry-level job or a college education in a natural resources field. It will cover use, maintenance, and repair of forestry tools and machinery (including chainsaws and heavy equipment). Students will learn many aspects of natural resources including forest ecology, forest fires, insects and diseases, forest management, technical tree climbing, and wildlife. Considerable amounts of outdoor work will be required. Students must have steel-toed boots.

H1034. Horticultural Operations 1 (*Alvirne*)
(Practical Arts)

Gr. 11

2 Credits

Full Year

This two-year program offers an in-depth look into the field of Horticulture. This course will offer instruction on greenhouse operations and plant propagation as well as various growing techniques. Students will also be introduced to other disciplines in the field of horticulture by exploring landscape maintenance and design. Instruction emphasizes knowledge and understanding of the importance of establishing, maintaining, and managing ornamental horticulture enterprises. Typical instructional activities include hands-on experiences with propagating, growing, establishing, and maintaining greenhouse crops; designing landscapes; landscape maintenance; preparing designs; sales and management; participating in personal and community leadership development activities; and participating in FFA activities.

H1034. Horticultural Operations 2 (*Alvirne*)
(Practical Arts)

Gr. 12

2 Credits

Full Year

The Horticultural Operations 2 course is a continuation of Horticultural Operations 1. This course includes organized subject matter and practical experiences related to plants used principally for ornamental or aesthetic purposes. Instruction emphasizes knowledge and understanding of the importance of establishing, maintaining, and managing ornamental horticulture enterprises. This two-year course will prepare students for entry level jobs or further education leading to employment in the green industry.

Graphic Arts & Communications

H1100. Adobe Photoshop *(Milford)* (Practical Arts)

Gr. 11-12

1 Credits

Semester 2

The Graphic Design is designed to give students an understanding of Adobe InDesign and the offset printing press. The next time you read your favorite magazine or go through the latest catalog that arrives in your mailbox, stop for a moment and think about how that publication came to be. First, writers, editors and designers participate in the creative process. Printers take that creative work and turn it into the publications you read every day. In this class you will learn the theories of graphic design while designing and producing several real-world projects. Students learn basic and advanced techniques for designing and creating effective promotional pieces, publications, and digital-art. In addition, students gain a foundational knowledge of the processes behind commercial printing operations.

H1101. Screen Printing *(Milford)* (Practical Arts)

Gr. 11-12

1 Credits

Semester 1

Screen Printing is designed to give students an understanding of Adobe Illustrator and Screen Printing. Have you ever wanted to silkscreen your own designer t-shirts? Here's your chance! Screen printing is arguably the most versatile of all printing processes. It can be used to print on a wide variety of materials including paper, plastics, glass, metals, fabrics, and many other materials. Some common products from the screen printing industry include posters, labels, decals, and all types of textiles and electronic circuit boards, and yes, this is the class in which you make t-shirts. Students use Adobe Illustrator--computer software that enables users to design digital illustration and edit vector graphics images and save them as files into a number of vector graphics formats.

H1088. Design and Visual Communications 1 (<i>Nashua</i>) (Practical Arts)	Gr. 11	2 Credits	Full Year
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Graphic Design & Printing Technology is a two-year program that begins in a student's junior year. There are no prerequisites, but students are required to have their own NHS Computer account and be familiar with basic computer use.

H1089. Design and Visual Communications 2 (<i>Nashua</i>) (Practical Arts)	Gr. 12	2 Credits	Full Year
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Both juniors and seniors of Graphic Design & Printing Technology become involved in many community projects and competitions including Skills USA, a national leadership organization designed to help CTE students excel in their fields.

Health Sciences

H1028. Health Sciences 1 (<i>Nashua</i>) (Science)	Gr. 11	2 Credits	Full Year
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Explore health occupations through this overview of Anatomy of Physiology. Included in this class are labs, which solidify the information, received in the theory portion of the class. This class also includes the study of medical terminology, career guidance, and the opportunity to become Basic Life Support (BLS) and First Aid Certified. Students will purchase a laboratory jacket which must be worn when practicing skills learned through lectures.

H1029. Health Sciences 2 (<i>Nashua</i>) (Science)	Gr. 12	3 Credits	Full Year
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Upon acceptance into level 2, students receive on-the job clinical training which will help prepare for the many careers available in the health care field. It is through this program that students are offered the opportunity to pursue their certification as a Licensed Nursing Assistant (LNA) by taking the NH State LNA Licensure exam, or an EMT by passing the EMT Certification exam. As part of the LNA programs, students apply academic knowledge using a hands-on approach by assisting at local nursing facilities during their daily school hours. Those who don't pursue the LNA option will shadow various health careers based on student interest. These shadows will take place with the local hospitals, Rockingham Ambulance, dental practices, and other health services sites.

H1401. Veterinary Science 1 (<i>Alvirne</i>) (Science)	Gr. 11	2 Credits	Full Year
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Prerequisite: Biology

The first year of this two-year course introduces students to the applied principles and practices used in small and large animal related business with a special emphasis on veterinary medicine. Students will explore concepts through hands-on experiences working with Alvirne's kennel animals such as chinchillas, rabbits, guinea pigs, ferrets, rodents, and birds along with our large animal species including donkeys, dairy cattle, and a Haflinger horse. Topics will also include safety, animal behavior, breed and species identification, animal health, welfare and client relations. Through continuous exposure to animals on the school farm and small animal facility, students will develop hands-on skills in handling, restraint, grooming, feeding, breed selection, cleaning/disinfection, training, and record keeping. Students will develop skills in professional telephone etiquette and customer service. Students will also be required to complete 12 hours of community service in an animal related service project. This course will provide students with entry levels skills and knowledge for employment as veterinary assistants, pet shop workers, humane

society assistants or assistant groomers. Enrolled students may choose to compete in the State/National FFA Veterinary Science Competition.

Note: Students successfully completing Veterinary Science 1 and 2 with a C+ or better can earn 2 college credits at Great Bay Community College through Project Running Start (or 1 life science credit toward graduation), or articulation credits toward SUNY at Cobleskill.

H1401. Veterinary Science 2 (<i>Alvirne</i>) (Science)	Gr. 11	2 Credits	Full Year
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In the second year of the Veterinary Science program, students will continue to build on their knowledge and skills gained in the first year. Using the kennel's small animals and large animal species, advanced topics will include nutrition and anatomy, health and disease and veterinary medical terminology and entrepreneurship. Hands-on skills will be developed in feed selection, laboratory procedures (i.e. fecal analysis, blood and urine analysis), animal health and disease prevention, such as vaccinations, de-worming, grooming, physical exams, office skills, equipment identification and business management. Students will also be required to complete 12 hours of community service in an animal-related service project. Enrolled students may choose to compete in the State/National FFA Veterinary Science Competition. Successful completion of this program greatly enhances a student's potential for success in post-secondary education, as well as entry level job in an animal science field.

Note: Students successfully completing Veterinary Science 1 and 2 with a C+ or better can earn 2 college credits at Great Bay Community College through Project Running Start (or 1 life science credit toward graduation), or articulation credits toward SUNY at Cobleskill.

Heating, Ventilation & Air Conditioning (HVAC)

H1081. Heating, Ventilation & Air Conditioning 1 (<i>Nashua</i>) (Practical Arts)	Gr. 11	2 Credits	Full Year
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Students learn refrigeration fundamentals, electricity and controls; installing, operating, servicing, and repairing both heating and air conditioning equipment through classroom demonstrations and laboratory experiments. They work on domestic and commercial refrigeration and window and central air conditioning equipment, including heat pumps and oil and gas systems. Students learn on modern equipment, including three-phase electrical components. The demand for skilled technicians far exceeds the supply in this field.

H1082. Heating, Ventilation & Air Conditioning 2 (<i>Nashua</i>) (Practical Arts)	Gr. 12	2 Credits	Full Year
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Students learn to perform systems tests, troubleshoot and repair heating, air-conditioning and refrigeration systems with state-of-the industry equipment on a variety of models and makes of both residential and commercial HVAC systems. They learn to use a variety of tools and instruments to perform tests for electrical, pressure and burner efficiency. Laboratory activities focus on refrigeration systems (component installation and repair), pipe fitting, ventilation ducting, air-conditioning unit service and furnace and burner service. Individual safety codes pertaining to each type of system are addressed and adhered to during lab activities.

Marketing

H1076. Marketing (<i>Milford</i>) (Practical Arts)	Gr. 11-12	1 Credit	Semester 1
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Have you ever bought something and a few days later wondered why you spent all your money on it? In this course students obtain skills to understand the world of MARKETING, including purchasing, financing, distribution, psychological pricing, risk management, the marketing mix, market research, and designing a

marketing plan. Students will develop a portfolio of their best work to bring to a job or college interview. Operation of the school store will give students the practical experience they can apply to the competencies studied. Also, job seeking and keeping skills will be explored. Students are encouraged to join DECA, a student organization, whose goal is for students to develop a "career success kit" to carry into their business and personal lives!

H1077. Marketing 2 (Milford) (Practical Arts)	Gr. 11-12	1 Credit	Semester 2
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Students continue their marketing education through practical experiences gained in the school store and marketing research. Students work as merchandise category managers of the school store at Milford and also are responsible for its fiscal operations.

H1078. Marketing 3 (Milford) (Practical Arts)	Gr. 12	1 Credits	Semester
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This course is designed for the serious marketing student who has successfully completed all state competencies in *Marketing Education 1 and 2*. Students perform topical research and invest time in marketing businesses doing real world tasks. Students will have the opportunity to choose individualized projects every marking period, each with a career focus.

Precision Machining

H1044. Precision Machining (Milford) (Practical Arts)	Gr. 11	1 Credits	Semester 1
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This is the first semester of the Precision Machining Program. It will be an introduction to basic machine operations and blueprint reading which includes instruction in lathes, milling machines, surface grinders, and drill presses. Students learn basic measuring techniques which incorporate the use of micrometers, depth micrometers, Vernier calipers, and dial indicators. Students develop skills to machine parts using raw materials with information from a blueprint. Skills USA activities are an important part of the student experience in this program.

H1046. Advanced Precision Machining (Milford)	Gr. 11-12	1 Credit	Semester 2
H1055. Advanced Precision Machining (Nashua) (Practical Arts)	Gr. 12	2 Credits	Full Year

This course is the continuation of the Precision Machining Program. Students in *Advanced Precision Machining* review many of the skills learned in *Precision Machining* but use these skills to perform more complex and challenging operations. Students will design and manufacture projects using Master Cam. A strong emphasis is placed on Numeric Control and Computer Numeric Control (NC/CNC) programming. Students will write their own programs to machine parts on the Prototrack milling machine, lathes as well as all Intellitek machines. This course relies heavily on applied activities with many opportunities for students to take on projects of their own design. Advanced students are expected to take leadership roles in Skills USA activities. Opportunity for 6 credits for dual enrollment with Nashua Community College.

Pre-Engineering

H1715. Engineering Design (Milford) (Practical Arts)	Gr. 11-12	1 Credit	Semester 2
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Prerequisite: Successful completion of *Algebra I* and *9th/10th science* with C or higher

Engineering Design is a foundational college level course offered as a component of the Mechatronics Certificate Program at Manchester Community College. This course allows students to develop their

design skills with an emphasis on placed on graphics as the primary means of communication using a myriad of Autodesk software products. This software is specific to engineering professions from mechanical engineering, architectural, and computer graphics/illustration design. A series of projects are used to teach the design process with emphasis on problem identification, criteria generation, brainstorming, decision-making, detailed design, economics and project management. Teamwork is emphasized as students are randomly assigned to groups for all of the course projects.

H1716. Advanced Engineering Design (Milford)
(Practical Arts)

Gr. 11-12

1 Credit

Semester 2

This one semester course provides students with the opportunity to focus on Invention and Production concepts. It expands on concepts learned in Engineering Design. Students begin with the reiteration of Autodesk's software Inventor a parametric modeling program. The software is used to develop 3-D assemblies, presentations, and marketing plans. Students then begin to apply design process to projects of their design. Once they fully grasp the concepts students then apply this knowledge to project based applications. This course integrates math, science, and technology with practical and applied applications. Course completers will have the requisite knowledge of design basics, and be able to implement solutions for problems in an engineering world.

H1056. Computer Assisted Drafting & Design I (Nashua)
(CADD I) (Practical Arts)

Gr. 11

2 Credits

Full Year

Design your own building or product using state-of-the-art computer-based drafting and design tools. Learn how to use commands, capabilities and procedures to produce a professional, industry-standard drawing. After a general introduction to computer-aided design and drafting, you will choose one of two self-paced tracks--Architectural/Civil drafting or Mechanical/Electrical drafting. In Architectural /Civil drafting, you will create floor plans, elevations, and section views from your own designs and learn how to create all the plans required for a building permit. In Mechanical/Electrical drafting, you will create mechanical assembly designs of your own products and learn basic geometric tolerance, fits, manufacturing processes, and electrical drafting. You will also use computer controlled machines to make products.

H1057. Computer Assisted Drafting & Design II (Nashua)
(CADD II) (Practical Arts)

Gr. 12

2 Credits

Full Year

Enhance your understanding of state-of-the-art computer-based drafting and design tools. By continuing self-paced tracks in either Architectural/Civil drafting or Mechanical/Electrical drafting, you will sharpen your skills and expand your knowledge of computer-aided drafting and design. In Architectural/Civil drafting, you will explore residential, commercial and civil drafting and work in groups to complete a design requirement and generate professional grade plans. In Mechanical/Electrical drafting, you will design mechanical and electrical systems and work in groups to complete a design requirement and generate professional grade plans.

College Credit: May be available through the *Running Start* program.

H1024. Mechatronics Precision Machining (Milford)
(Practical Arts)

Gr. 11

1 Credit

Semester

This one semester college level course offers participants the opportunity to earn 3 college credits (see above). Students begin to develop their design skills as the central core of engineering. These skills begin with an emphasis using graphics as the primary means of communication using a myriad of Autodesk software products. This software is specific to engineering professions, from mechanical engineering, to architectural, and computer graphics/illustration design. A series of projects is also used to teach the design

process with emphasis on problem identification, criteria generation, brainstorming, decision making, detailed design, economics and project management. Teamwork is emphasized as students are randomly assigned to groups for all of the course projects.

H1025. Computer Integrated Design (Nashua) **Gr. 12** **1 Credit** **Semester**
(Practical Arts)

This one semester college level course that offers participants the opportunity to earn college credits through the *Running Start* program. Students will explore the manufacturing process not only as a sequence of material manipulation but also as a product of management. Current managerial philosophies and their effects on every phase of manufacturing will be examined. This information will be synthesized and applied to a manufacturing model, which will give students an opportunity to test their theories on managing a manufacturing facility with limited resources. Throughout the course, emphasis will be placed on effective workplace skills including teamwork, integrity, and dependability.

H1026. Computer Integrated Manufacturing (Milford) **Gr. 12** **1 Credit** **Semester**
(Practical Arts)

Prerequisite: Engineering Design, Mechatronics, and Precision Machining with C or higher

Computer Integrated Manufacturing is a college level course and an integral component of the Mechatronics Certificate Program at MCC. Students will explore the manufacturing process not only as a sequence of material manipulation but also as a product of management. Current managerial philosophies and their effect on every phase of manufacturing will be examined. This information will be synthesized and applied to a manufacturing model, which will give students an opportunity to test their theories on managing a manufacturing facility with limited resources. Throughout the course, emphasis will be placed on effective workplace skills including teamwork, integrity, and dependability.

Video Production

H1048. Video Production 1 (Milford) **Gr. 11-12** **1 Credits** **Semester 1**
(Practical Arts)

Students in this program will develop skills in video and audio production. They will learn on studio/post-production equipment. While there is a large amount of hands-on experience in this course, students should recognize that a significant amount of "note-taking" will also take place. Basic competencies will be developed on individual equipment and through small group production projects. This program includes the use of non-linear computer-based editing as well as the use of computer generated graphics.

H1049. Video Production 2 (Milford) **Gr. 11-12** **1 Credits** **Semester 2**
(Practical Arts)

Continuing the work started in Video Production 1; planning and writing are significant parts of this course. Students will do more volunteer work in community productions; and may be employed part-time in paid internships with professional producers.

H1047. Video Production & Broadcasting (Nashua) **Gr. 11** **2 Credits** **Full Year**
(Practical Arts)

Students learn video production and broadcasting by experiencing hands on the roles of producer, writer, camera operator, host, editor and technician in Nashua High School South's state of the art broadcast facility. They learn about the art and technology of modern communication while producing useful and attractive programs for the class, the high schools and the school district. They increase self-confidence and organizational abilities by planning, writing, and completing their own projects. In the first half of the year,

students complete a series of exercises designed to introduce them to the concepts and practice of multimedia project management. In the spring semester, they propose programs and produce those approved by the instructor.

H1097. Video Production & Broadcasting 2 <i>(Nashua)</i> (Practical Arts)	Gr. 12	2 Credits	Full Year
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This class builds on the knowledge gained in the previous year by writing, producing and creating video programs for the class, the high schools, the school district and the community. Students learn more about cable, satellite and web based distribution channels. They build a reel and resume helping them qualify for further education and employment.

Welding

<u>Welding 1</u> <i>(Alvirne)</i> <u>Pending DOE approval of all welding program</u> <u>Students will learn to arc weld in the flat position, utilize an oxy-acetylene torch for cutting metal and learn basic MIG skills. Through various exercises studetns will select the proper welding materials and demonstrate appropriate techniques. This course is useful for any student planning a career in the field sof mechanics, engineering, agriculture, construction, machine trades, or civil technology. Students MUST successfully complete all competencies to advance to Welding 2. Grade 10 & 11 students will be given priority when scheduling.</u>	<u>Gr 11-12</u>	<u>Credits TBD</u>	<u>Full Year</u>
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Extracurricular Student Programs

The following extracurricular activities are currently available for students. Some of these activities are subject to change depending upon availability of advisors and student interest.

A Cappella Club " ~~Forte~~ ~~Fermatta~~ ~~Nowhere~~ "	Granite State Challenge	Spanish Club
Book Club	Green Group	Student Council
CavChronline (Newspaper)	~~HB The Change~~	Tech Crew
Chemistry Club	The HomeFront Club	Theatre Program
Crew Club	Life of a ~~Cavalier-an Athlete~~ Club	Tri-M (Music Honor Society)
Dance Team	Math Team	US FIRST Robotics Team
Debate Team	National Honor Society	~~Video Club~~
~~Fiber Arts Club~~	Pep Band	Yearbook
French Club	Outing/Climbing Club	Young Writers Club
Gay Straight Alliance	Red Cross Club	
	Ski & Snowboard Club	

Athletic Programs

The Athletic Programs at HBHS consist of an interscholastic program governed by the NHIAA. The program is elective and is offered after regular school hours. The interscholastic sports are conducted in the fall, winter, and spring seasons, with the teams competing against schools in New Hampshire. All contests are played under New Hampshire Interscholastic Athletic Association Regulations. Each student must satisfy eligibility requirements set by the NHIAA and Hollis Brookline High School.

NHIAA Handbook, Sect. 2: Scholastic Standing

A. No pupil who has failed to pass four (4) units of work during the school's previous grading period shall represent the school in any interscholastic contest. A minimum of four (4) units of work per grading period is required for participation in interscholastic athletics.

A physician's or nurse practitioner's statement certifying that the student has passed a pre-participation physical examination within six months prior to the student's first participation in high school interscholastic sports as well as an updated one two years later (normally their freshmen and junior years) must be on file in the school health office as well as with the Athletic Trainer (ATC). Every year each athlete shall have on file with the ATC an annual medical history exam in order to ascertain any injuries or conditions that would warrant an updated physical exam.

Any pupil significantly ill or injured during their high school athletic career must be re-examined by a physician in order to be eligible to return to interscholastic sports. A statement from the physician certifying physical eligibility must be on file with the health office as well as the Athletic Trainer.

All members of interscholastic sports teams will be required to pay a participation fee (which varies from sport to sport) each sports season in which they participate, to help defray the costs of interscholastic sports. An annual cap per family is placed on this fee. In order to allow as many students as possible to participate in athletics, students cannot try out for, or be members of, more than one sports team each season with the exception being placekicking for the football team.

Athletes who intend to participate in collegiate athletics must register with the NCAA Eligibility Center. Check www.NCAA.org for general information and www.eligibilitycenter.org to register.

HBHS Athletics

	<u>Fall</u>	<u>Winter</u>	<u>Spring</u>
Boys	Bass Fishing Cross Country Golf Football, Varsity, JV, ~~Freshmen~~ Soccer, Varsity, JV, Unified Spirit Squad ~~Unified Soccer~~	Alpine Ski Team Basketball, Varsity, JV, Freshmen, Unified Bowling Indoor Track Gymnastics Ice Hockey Spirit Squad Swimming Wrestling, Varsity, JV ~~Unified Basketball~~	Baseball, Varsity, JV Lacrosse, Varsity, JV, ~~Freshmen~~ Track & Field, Varsity, JV, Unified Tennis Volleyball, Varsity, JV ~~Unified Track~~
Girls	Bass Fishing Cross Country ~~Golf~~ Field Hockey, Varsity, JV Soccer, Varsity, JV, Unified Spirit Squad Volleyball, Varsity, JV, Freshmen	Alpine Ski Team Basketball, Varsity, JV, ~~Freshmen~~ , Unified Bowling Indoor Track Gymnastics ~~Ice Hockey~~ Spirit Squad Swimming Wrestling, Varsity, JV	Lacrosse, Varsity, JV, ~~Freshmen~~ Softball, Varsity, JV Track & Field, Varsity, JV, Unified Tennis

NCAA Approved Courses

Algebra 1, Advanced	Biology, Accelerated	Latin <u>1+</u>
Algebra 1	Calculus	Latin <u>2+</u>
~~Algebra 1, General~~		
~~Algebra 1A~~	Chemistry	Legal Studies
~~Algebra 1B~~		
Algebra 2	Chemistry, Honors	Memoirs & Biography <u>1/2+##</u>
	~~Chemistry & Society~~	
Algebra 2, Accelerated	Civics	Physical Science w/Earth Science
~~Algebra 2, General~~	~~College Composition~~	Physical Science w/Earth Science, Accel
	Contemporary Issues	Physics: Conceptual
Algebra 3/Trigonometry	Economics	~~Physics, Honors~~
Anatomy & Physiology, <u>1/2+##</u>	English 9	Physics: Principles & Problems
Anatomy & Physiology, Honors	English 9, Accelerated	Poetry
Anthropology	English 9 Read	Pre-Calculus
AP Biology	English 10	Pre-Calculus, Honors
AP Calculus	English 10, Accelerated	Psychology
AP Chemistry	English 10 Read	Science Fiction
AP English Language and Composition	French <u>1+</u>	Sociology
AP English Literature & Composition	French <u>2+</u>	Spanish <u>1+</u>
AP Environmental Science	French <u>3##</u>	Spanish <u>2+</u>
AP French	French <u>4+V</u>	Spanish <u>3##</u>
AP Physics <u>1+</u>	French <u>4+V</u> , Honors	Spanish <u>4+V</u>
AP Physics <u>2+</u>	General Science w/Earth Science	Spanish <u>4+V</u> , Honors
AP Psychology	Geometry	U.S. History
AP Spanish	Geometry, Accelerated	U.S. Literature
~~AP Statistics~~	Honors Literature	World Literature
AP U.S. Government and Politics		

AP U.S. History

AP World History

Biology

Honors U.S. Literature

Human Geography

Journalism 1

World Studies

Writing

Student Four-Year Educational Plan

Developing a Four-Year Educational Plan is a worthwhile exercise for all students. Consult the list of minimum graduation requirements found on page 6 and work with your parents, teachers, and counselors to ensure that you meet course prerequisites.

Name: _____ Class of: _____ Counselor: _____

Date: _____ Career Interests: _____

Grade 9		Grade 10		Grade 11		Grade 12	
Course	Credit	Course	Credit	Course	Credit	Course	Credit
Total		Total		Total		Total	

Sample Four-Year Educational Plan

The following is an example of a Four-Year Educational Plan. Students are expected to carry 6 credits each year.

Grade 9		Grade 10		Grade 11		Grade 12	
Course	Credit	Course	Credit	Course	Credit	Course	Credit
US History	1.0	World History	1.0	Economics/Civics	1.0	Physics	1.0
Physical Science	1.0	Biology	1.0	Chemistry	1.0	Pre-Calculus	1.0
Algebra 1	1.0	Geometry	1.0	Algebra 2	1.0	Honors Literature	1.0
English 9	1.0	English 10	1.0	U.S. Literature	1.0	World Language	1.0
World Language	1.0	World Language	1.0	World Language	1.0	ELECTIVE(S)	3.0
Fitness/Wellness	1.0	Writing	0.5	ELECTIVE(S)	2.0		
ELECTIVE(S)	1.0	Physical Education	0.5				
		ELECTIVE(S)	1.0				
Total	7.0	Total	7.0	Total	7.0	Total	7.0

Student Activities Spreadsheet

Building an activity spreadsheet is a useful planning tool for evaluating the demands of the school, homework, and extracurricular activities. Please keep in mind that the information provided below is an estimate; it is intended to assist you in choosing the proper balance of classes during the course selection process.

Anticipated Hours of Homework*	Average Hours/Week
AP: 1 hour x 5 nights weekly x # courses	
Honors: .75 hours x 5 nights weekly x # courses	
College Prep: .5 hours x 5 nights weekly x # courses	
Total School Hours:	

Extra-Curricular Activities	Average Hours/Week
Clubs/Interests/Hobbies	
Paid Job	
Community Service	
Sports/Physical Activity	
Music/Theatre Performance	
Other (Driver's Ed, SAT Prep, College Apps etc)	
Total Extra-Curricular Hours:	

Daily Living Activities	Average Hours/Week
Sleep (7 days x 9 Recommended Hours)	
Necessities (Eating, Showering, Chores etc)	
Travel to and from School	
Family Time	
Free Time (Friends, TV, Phone, Internet etc)	
Total Daily Living Hours:	

School Day Hours =	35
Homework Hours =	
Extra-Curricular Hours =	
Daily Living Hours =	
YOUR TOTAL HOURS	
Available Hours/Week	168

* Daily homework amounts are estimates *

Index***NOT YET REVISED

Weighted Courses are bold

A: Fulfills Art requirement

B: Fulfills Biological Science Requirement

M4: Fulfills 4th year Math Requirement

P: Fulfills Physical Science Requirement

ICT: Fulfills Info and Comp Tech requirement

EOD: Course meets every other day, all year

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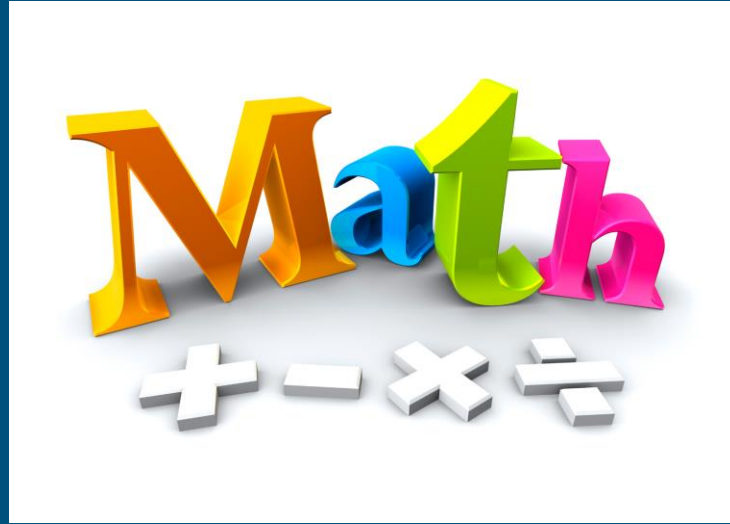
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Non-Discrimination

It is the policy of the School Administrative Unit #41 not to discriminate in its education programs, activities, or employment practices on the basis of race, language, sex, age, creed, color, marital status, national origin, or handicapping conditions under the provisions of the Title VI and IX of the 1972 Educational Amendments: Section 504 of the Rehabilitation Act of 1972, and the Education of Handicapped Children's Act of 1976. The coordinator for 504 Activities, Title VI and the Education of Handicapped Children's Act is the Superintendent of Schools, 4 Lund Lane, Hollis, New Hampshire 03049, telephone (603) 465-7714. The coordinator for Title IX is the Hollis/Brookline High School Principal, 24 Cavalier Court, Hollis, New Hampshire 03049, telephone (603) 465-2269. Inquiries may be directed to the coordinators listed herein or to the Regional Office for Civil Rights, 140 Federal Street, Boston, Massachusetts 02110, or the New Hampshire Human Rights Commission, 66 South Spring Street, Concord, New Hampshire 03301. Grievance Procedures which provide for the prompt and equitable resolution of complaints alleging violations to Titles VI and IX, Section 504, and the Education of Handicapped Children's Act of 1976 are available. Grievance Procedures may be obtained at the office of the coordinators listed herein. School Administrative Unit #41 includes the Brookline, Hollis, and Hollis Brookline Cooperative School Districts and the employees in the SAU #41 Office. Approved 9/6/84



Where we are and where we
are going

[illegible]

- Math existed as 4 separate entities
 - (Brookline, Hollis, HBMS, HBHS)
- Varied Curricular Resources
- Limited opportunities to stray from pathway
- Positive Results
 - Strong standardized test performance
 - Strong math team performance
 - Well over 50% of our students graduate with calculus (compared to 16% in 2009 according to the National Center for Education Statistics)

Setting the Stage



Begin a K-12 Approach

- Implement Math Steering Committee
 - Standards Based Report Card Committee (K-6)
 - Collect & Analyze Data
 - COOP PLC meetings
 - Summer curriculum revisions
-

Data Sharing

COOP

- Communicate Math Placement Test results with relevant professionals
- Devise plan for pro-actively implementing necessary adjustments

Brookline

- Implement EnVisions 2.0
- Implement math centers “block” to firm up gaps and allow for deeper dive
- Revise and implement pacing guide

Hollis

- Develop plan to best meet the needs of all learners



Continue Conversations...

- Bi-weekly PLC of 8th grade algebra and HBHS algebra teachers
- Implement revised Grade 7 Compacted Math course
- Implement revised Grade 8 Algebra I course
- Pilot standards based report cards
- Engage in conversations with the community

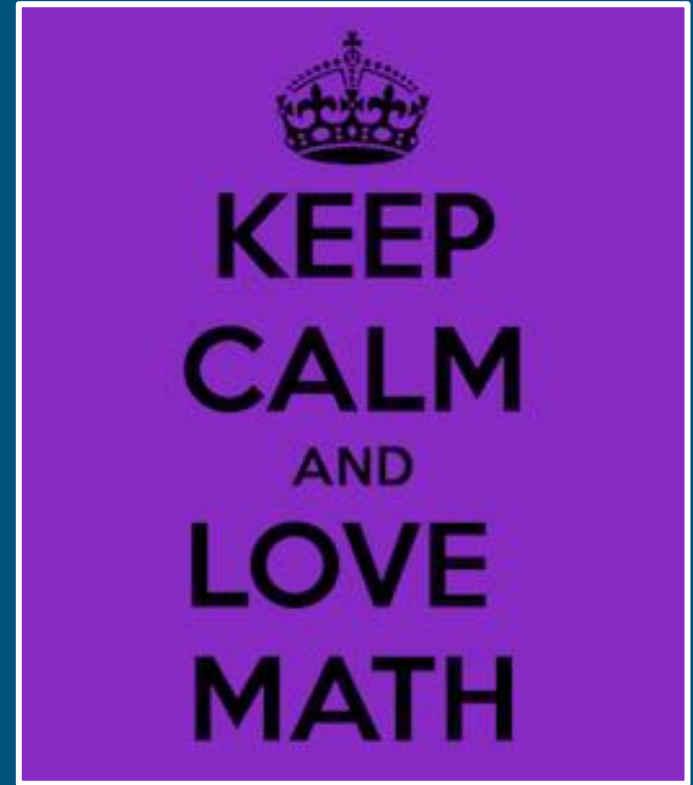


Next Steps...

- Identify key math vocabulary for each course
- Provide intervention to targeted group at HBMS
- Revise the Math Placement Exam & Procedures
- Offer additional options to HBMS students to best meet the needs of all learners
- Offer additional and/or refined options to best meet the needs of all learners in Hollis & Brookline
- Develop a K-12 approach to align vertical acceleration practices



The key is continuing the conversation based on data to support student needs.



Coop FY19 Budget- Round 2.2 10-21-17

Account	Description	FY16 Actual	FY17 Actual	FY18 Budget	FY19 Admin Proposed	FY19 Super/ BA Review	\$ Diff	% Diff
10.1100.100.00.0	Budget Differential	\$0.00	\$0.00	\$78,064.22	\$0.00	\$0.00	(\$78,064.22)	-100.00%
10.1100.110.00.0	Negt. Support Staff Increases	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.1100.111.00.0	New Hire Orientation Wages	\$3,940.76	\$0.00	\$5,838.39	\$4,000.00	\$4,000.00	(\$1,838.39)	-31.49%
10.1100.112.00.0	Teacher Lane Changes	\$0.00	\$0.00	\$89,789.50	\$27,846.50	\$27,846.50	(\$61,943.00)	-68.99%
10.1100.120.00.0	Negt. Professional Staff Increases	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.1100.127.03.0	Salaries - Tutoring	\$0.00	\$400.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.1100.127.04.0	Salaries - Tutor	\$735.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.1100.128.03.0	Substitutes, Ms	\$34,794.00	\$28,288.10	\$38,000.00	\$35,000.00	\$38,000.00	\$0.00	0.00%
10.1100.128.04.0	Substitutes, Sr High	\$61,025.71	\$59,396.62	\$68,700.00	\$70,000.00	\$68,700.00	\$0.00	0.00%
10.1100.320.03.0	Homebound Instruction	\$0.00	\$0.00	\$380.00	\$300.00	\$300.00	(\$80.00)	-21.05%
10.1100.320.04.0	Homebound Instruction	\$1,104.50	\$0.00	\$1,000.00	\$1,000.00	\$1,000.00	\$0.00	0.00%
10.1100.430.03.0	Equipment Repair	\$1,127.01	\$43.81	\$2,404.00	\$1,715.00	\$1,715.00	(\$689.00)	-28.66%
10.1100.614.03.0	Expendable Supplies	\$13,513.31	\$13,695.24	\$11,874.90	\$14,400.00	\$14,400.00	\$2,525.10	21.26%
10.1100.614.04.0	Expendable Supplies	\$11,602.95	\$11,956.09	\$12,600.00	\$14,500.00	\$14,500.00	\$1,900.00	15.08%
10.1100.616.04.0	Awards	\$740.42	\$491.22	\$700.00	\$700.00	\$700.00	\$0.00	0.00%
10.1100.642.03.0	Publications	\$1,760.58	\$1,768.61	\$2,000.00	\$1,900.00	\$1,900.00	(\$100.00)	-5.00%
10.1100.642.04.0	Publications	\$0.00	\$156.65	\$250.00	\$250.00	\$250.00	\$0.00	0.00%
10.1100.648.00.0	Access Fees	\$1,403.00	\$0.00	\$1,507.00	\$0.00	\$0.00	(\$1,507.00)	-100.00%
10.1100.650.03.0	Instruction Specific Software/Subs	\$0.00	\$0.00	\$0.00	\$3,030.00	\$0.00	\$0.00	#DIV/0!
10.1100.650.04.0	Instruction Specific Software/Subs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.1100.733.03.0	Additional Equipment	\$0.00	\$854.24	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.1100.734.03.0	Instruction Specific New Hardware	\$6,091.25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.1100.734.04.0	Instruction Specific New Hardware	\$0.00	\$0.00	\$10,000.00	\$0.00	\$0.00	(\$10,000.00)	-100.00%
10.1100.737.03.0	Repl Equipment	\$0.00	\$0.00	\$3,425.97	\$0.00	\$0.00	(\$3,425.97)	-100.00%
10.1100.737.04.0	Replacement Equipment	\$0.00	\$658.75	\$705.00	\$700.00	\$700.00	(\$5.00)	-0.71%
10.1100.810.04.0	Academic Dues/Fees	\$0.00	\$325.00	\$400.00	\$0.00	\$0.00	(\$400.00)	-100.00%
10.1102.112.03.0	Salaries, Art	\$46,836.00	\$49,887.00	\$52,969.00	\$52,969.00	\$52,969.00	\$0.00	0.00%
10.1102.112.04.0	Salaries, Art	\$117,377.00	\$114,793.00	\$119,222.00	\$119,222.00	\$119,222.00	\$0.00	0.00%
10.1102.430.03.0	Repairs and Maintenance	\$276.71	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.1102.430.04.0	Repair Equipment, Art	\$0.00	\$0.00	\$250.00	\$250.00	\$250.00	\$0.00	0.00%
10.1102.614.03.0	Expendable Supplies, Art	\$3,025.86	\$2,625.91	\$3,192.54	\$3,757.73	\$3,757.73	\$565.19	17.70%
10.1102.614.04.0	Expendable Supplies, Art	\$12,589.35	\$12,216.06	\$11,600.00	\$12,800.00	\$12,800.00	\$1,200.00	10.34%
10.1102.615.03.0	Teaching Mat, Art	\$0.00	\$0.00	\$50.00	\$0.00	\$0.00	(\$50.00)	
10.1102.615.04.0	Teaching Mat, Art	\$307.07	\$319.63	\$325.00	\$350.00	\$350.00	\$25.00	7.69%
10.1102.733.03.0	Addl Equipment, Art	\$0.00	\$307.68	\$82.46	\$0.00	\$0.00	(\$82.46)	-100.00%
10.1102.737.04.0	Replacement Equip, Art	\$1,162.00	\$1,596.71	\$2,621.00	\$1,621.00	\$1,621.00	(\$1,000.00)	-38.15%
10.1102.810.04.0	Dues, Art	\$0.00	\$0.00	\$100.00	\$100.00	\$100.00	\$0.00	0.00%

Account	Description	FY16 Actual	FY17 Actual	FY18 Budget	FY19 Admin Proposed	FY19 Super/ BA Review	\$ Diff	% Diff
10.1105.112.03.0	Salaries, Language Arts	\$214,653.00	\$228,702.00	\$238,645.00	\$238,645.00	\$238,645.00	\$0.00	0.00%
10.1105.112.04.0	Salaries, Lang Arts	\$573,304.79	\$604,877.69	\$639,758.00	\$639,758.00	\$639,758.00	\$0.00	0.00%
10.1105.550.04.0	Printing	\$148.77	\$219.98	\$325.00	\$300.00	\$300.00	(\$25.00)	-7.69%
10.1105.612.04.0	Workbooks	\$7,121.02	\$5,656.30	\$7,634.22	\$8,709.22	\$8,709.22	\$1,075.00	14.08%
10.1105.614.03.0	Expendables	\$0.00	\$396.12	\$0.00	\$193.73	\$193.73	\$193.73	#DIV/0!
10.1105.615.04.0	Teaching Mat, Lang Arts	\$420.00	\$516.82	\$980.00	\$372.08	\$372.08	(\$607.92)	-62.03%
10.1105.641.03.0	Textbooks, Language Arts	\$3,256.74	\$2,381.87	\$5,770.00	\$5,718.07	\$5,718.07	(\$51.93)	-0.90%
10.1105.641.04.0	Textbooks, Lang Arts	\$2,850.13	\$7,537.78	\$6,287.50	\$6,413.00	\$6,413.00	\$125.50	2.00%
10.1105.644.04.0	Periodicals	\$0.00	\$0.00	\$550.00	\$1,050.00	\$1,050.00	\$500.00	90.91%
10.1105.810.04.0	Dues	\$0.00	\$60.00	\$278.00	\$350.00	\$350.00	\$72.00	25.90%
10.1106.112.03.0	Salaries, Foreign Lang	\$185,412.55	\$182,411.00	\$179,914.00	\$179,914.00	\$179,914.00	\$0.00	0.00%
10.1106.112.04.0	Salaries, Foreign Lang	\$350,572.37	\$350,777.00	\$352,928.00	\$352,928.00	\$352,928.00	\$0.00	0.00%
10.1106.320.04.0	Guest Speakers, World Language	\$0.00	\$0.00	\$150.00	\$100.00	\$100.00	(\$50.00)	-33.33%
10.1106.612.04.0	Workbooks, Foreign Lang	\$8,924.07	\$10,893.69	\$13,314.63	\$17,019.85	\$17,019.85	\$3,705.22	27.83%
10.1106.614.03.0	Expend. Supplies Fr Lang	\$538.83	\$428.80	\$555.00	\$300.00	\$300.00	(\$255.00)	-45.95%
10.1106.614.04.0	Expend. Supplies, Foreign Lang	\$513.10	\$70.95	\$488.96	\$300.00	\$300.00	(\$188.96)	-38.65%
10.1106.615.03.0	Teaching Mat, Foreign Lang	\$0.00	\$0.00	\$0.00	\$150.00	\$150.00	\$150.00	#DIV/0!
10.1106.615.04.0	Teaching Mat, Foreign Lang	\$691.32	\$0.00	\$917.99	\$500.00	\$500.00	(\$417.99)	-45.53%
10.1106.616.04.0	Awards	\$0.00	\$0.00	\$505.00	\$500.00	\$500.00	(\$5.00)	-0.99%
10.1106.641.04.0	Textbooks, Foreign Lang	\$4,331.50	\$2,381.83	\$7,414.01	\$5,779.84	\$0.00	(\$7,414.01)	-100.00%
10.1106.643.04.0	Online Resources	\$0.00	\$5,952.00	\$3,111.00	\$225.00	\$225.00	(\$2,886.00)	-92.77%
10.1106.733.04.0	Addl Equip, Foreign Lang	\$0.00	\$0.00	\$200.00	\$4,225.00	\$0.00	(\$200.00)	-100.00%
10.1106.737.03.0	Repl Equipment, Foreign Lang	\$0.00	\$0.00	\$0.00	\$69.00	\$69.00	\$69.00	#DIV/0!
10.1106.810.04.0	Dues, Foreign Lang	\$160.00	\$0.00	\$150.00	\$180.00	\$180.00	\$30.00	20.00%
10.1107.112.03.0	Salaries, Health	\$57,438.00	\$61,086.00	\$64,497.00	\$64,497.00	\$64,497.00	\$0.00	0.00%
10.1107.112.04.0	Salaries, Health	\$45,059.20	\$45,735.20	\$57,874.00	\$57,874.00	\$57,874.00	\$0.00	0.00%
10.1107.320.04.0	Guest Speakers, Health	\$0.00	\$0.00	\$255.00	\$455.00	\$455.00	\$200.00	78.43%
10.1107.614.03.0	Expendable Supplies-Health	\$480.63	\$183.16	\$435.00	\$481.65	\$481.65	\$46.65	10.72%
10.1107.615.03.0	Teaching Mat, Health	\$325.96	\$558.31	\$380.00	\$25.90	\$25.90	(\$354.10)	-93.18%
10.1107.615.04.0	Teaching Mat, Health	\$832.46	\$111.53	\$1,900.00	\$900.00	\$900.00	(\$1,000.00)	-52.63%
10.1107.641.03.0	Textbooks Health	\$0.00	\$0.00	\$0.00	\$114.43	\$114.43	\$114.43	#DIV/0!
10.1107.641.04.0	Books and Other Print Media	\$0.00	\$2,657.37	\$1,525.00	\$2,650.00	\$2,650.00	\$1,125.00	73.77%
10.1108.112.03.0	Salaries, Phys Ed	\$147,938.00	\$150,158.00	\$121,477.00	\$121,477.00	\$121,477.00	\$0.00	0.00%
10.1108.112.04.0	Salaries, Phys Ed	\$114,127.31	\$118,290.00	\$121,937.00	\$121,937.00	\$121,937.00	\$0.00	0.00%
10.1108.430.03.0	Repairs and Maintenance	\$844.00	\$1,012.68	\$1,000.00	\$1,125.00	\$1,125.00	\$125.00	12.50%
10.1108.430.04.0	Repairs And Maint Services	\$285.00	\$570.00	\$600.00	\$600.00	\$600.00	\$0.00	0.00%
10.1108.614.03.0	Expendable Supplies, Phys Ed	\$1,003.50	\$1,013.90	\$384.99	\$535.67	\$535.67	\$150.68	39.14%
10.1108.615.03.0	Teaching Mat, Phys Ed	\$2,263.40	\$3,059.28	\$3,775.01	\$1,104.09	\$1,104.09	(\$2,670.92)	-70.75%
10.1108.615.04.0	Teaching Mat, Phys Ed	\$1,391.69	\$2,748.18	\$2,400.00	\$2,800.00	\$2,800.00	\$400.00	16.67%

Account	Description	FY16 Actual	FY17 Actual	FY18 Budget	FY19 Admin Proposed	FY19 Super/ BA Review	\$ Diff	% Diff
10.1108.733.03.0	Addl Equipment, Phys Ed	\$0.00	\$0.00	\$0.00	\$5,130.00	\$0.00	\$0.00	#DIV/0!
10.1108.737.03.0	Replacement Equipment	\$0.00	\$0.00	\$0.00	\$976.00	\$976.00	\$976.00	#DIV/0!
10.1108.737.04.0	Replacement Equip.	\$860.24	\$1,015.20	\$870.00	\$1,000.00	\$1,000.00	\$130.00	14.94%
10.1109.112.04.0	Salaries, Home Ec	\$51,853.00	\$54,948.38	\$57,874.00	\$57,874.00	\$57,874.00	\$0.00	0.00%
10.1109.320.04.0	Guest Speakers	\$0.00	\$50.00	\$200.00	\$200.00	\$200.00	\$0.00	0.00%
10.1109.430.04.0	Repair Equip, Home Ec	\$118.00	\$374.91	\$550.00	\$794.00	\$794.00	\$244.00	44.36%
10.1109.614.04.0	Expendable Supplies, Home Ec	\$10,187.58	\$9,736.16	\$11,530.00	\$11,500.00	\$11,500.00	(\$30.00)	-0.26%
10.1109.615.04.0	Teaching Mat, Home Ec	\$180.54	\$980.03	\$1,035.00	\$1,035.00	\$1,035.00	\$0.00	0.00%
10.1109.616.04.0	Awards	\$0.00	\$0.00	\$80.00	\$80.00	\$80.00	\$0.00	0.00%
10.1109.641.04.0	Textbooks, Home Ec	\$295.90	\$880.71	\$630.00	\$690.00	\$690.00	\$60.00	9.52%
10.1109.737.04.0	Replacement Equipment	\$0.00	\$314.96	\$570.00	\$690.00	\$690.00	\$120.00	21.05%
10.1109.810.04.0	Dues, Home Ec	\$0.00	\$0.00	\$200.00	\$200.00	\$200.00	\$0.00	0.00%
10.1110.112.03.0	Salaries, Ind Arts	\$69,925.00	\$70,974.00	\$71,874.00	\$71,684.00	\$71,684.00	(\$190.00)	-0.26%
10.1110.430.03.0	Repairs and Maintenance	\$0.00	\$420.40	\$0.00	\$450.00	\$450.00	\$450.00	#DIV/0!
10.1110.614.03.0	Expendable Supplies, Ind Art	\$2,486.31	\$2,945.26	\$3,390.00	\$3,304.24	\$3,304.24	(\$85.76)	-2.53%
10.1110.737.03.0	Repl Equipment, Ind Arts	\$496.90	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.1111.112.03.0	Salaries, Math	\$217,159.00	\$237,827.24	\$249,318.00	\$249,318.00	\$249,318.00	\$0.00	0.00%
10.1111.112.04.0	Salaries, Math	\$547,453.81	\$606,942.50	\$605,550.57	\$605,550.57	\$605,550.57	\$0.00	0.00%
10.1111.614.03.0	Expendable Supplies, Math	\$377.40	\$820.30	\$800.00	\$944.45	\$944.45	\$144.45	18.06%
10.1111.614.04.0	Expendable Supplies, Math	\$427.85	\$982.07	\$630.46	\$660.00	\$660.00	\$29.54	4.69%
10.1111.615.03.0	Teaching Mat, Math	\$241.99	\$0.00	\$627.76	\$10,600.55	\$228.85	(\$398.91)	-63.54%
10.1111.615.04.0	Teaching Mat, Math	\$0.00	\$0.00	\$4,819.88	\$4,028.00	\$0.00	(\$4,819.88)	-100.00%
10.1111.616.04.0	PLTW Expense	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.1111.641.03.0	Textbooks, Math	\$0.00	\$1,664.64	\$1,440.00	\$0.00	\$0.00	(\$1,440.00)	-100.00%
10.1111.641.04.0	Textbooks, Math	\$14,212.13	\$23,256.32	\$20,514.45	\$16,840.17	\$0.00	(\$20,514.45)	-100.00%
10.1111.643.03.0	Online Resources-Math	\$0.00	\$740.00	\$1,248.24	\$1,300.00	\$1,300.00	\$51.76	4.15%
10.1111.643.04.0	Online Resources	\$874.27	\$0.00	\$1,500.00	\$1,500.00	\$1,500.00	\$0.00	0.00%
10.1111.733.03.0	Additional Equipment Math	\$0.00	\$120.41	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.1111.810.03.0	Dues and Fees	\$1,388.00	\$1,004.00	\$790.00	\$754.00	\$754.00	(\$36.00)	-4.56%
10.1111.810.04.0	Dues, Math	\$0.00	\$0.00	\$200.00	\$200.00	\$200.00	\$0.00	0.00%
10.1112.112.03.0	Salaries, Music	\$110,740.00	\$114,259.00	\$118,919.00	\$118,919.00	\$118,919.00	\$0.00	0.00%
10.1112.112.04.0	Salaries, Music	\$98,770.19	\$106,839.89	\$112,207.25	\$112,207.25	\$112,207.25	\$0.00	0.00%
10.1112.113.04.0	Salaries - Theater	\$14,718.99	\$15,829.11	\$17,547.75	\$17,547.75	\$17,547.75	\$0.00	0.00%
10.1112.430.03.0	Repairs and Maintenance	\$524.35	\$536.39	\$500.00	\$700.00	\$700.00	\$200.00	40.00%
10.1112.430.04.0	Repair Equip, Music	\$324.75	\$575.80	\$850.00	\$1,100.00	\$1,100.00	\$250.00	29.41%
10.1112.540.04.0	Transportation Music	\$1,019.40	\$523.25	\$1,576.00	\$3,000.00	\$3,000.00	\$1,424.00	90.36%
10.1112.580.04.0	Travel, Choral Director	\$0.00	\$300.00	\$300.00	\$600.00	\$600.00	\$300.00	100.00%
10.1112.612.04.0	Workbooks, Music	\$254.20	\$179.85	\$200.00	\$200.00	\$200.00	\$0.00	0.00%
10.1112.614.03.0	Expendable Supplies, Music	\$356.17	\$371.36	\$496.00	\$147.79	\$147.79	(\$348.21)	-70.20%

Account	Description	FY16 Actual	FY17 Actual	FY18 Budget	FY19 Admin Proposed	FY19 Super/ BA Review	\$ Diff	% Diff
10.1112.614.04.0	Expendable Supplies, Music	\$1,351.79	\$971.10	\$860.00	\$1,000.00	\$1,000.00	\$140.00	16.28%
10.1112.615.03.0	Teaching Mat, Music	\$1,153.27	\$1,330.74	\$1,436.00	\$1,081.00	\$1,081.00	(\$355.00)	-24.72%
10.1112.615.04.0	Teaching Mat, Music	\$1,407.02	\$847.24	\$1,575.00	\$1,575.00	\$1,575.00	\$0.00	0.00%
10.1112.616.04.0	Teaching Mats. Choral	\$1,485.39	\$1,077.04	\$1,575.00	\$1,600.00	\$1,600.00	\$25.00	1.59%
10.1112.617.04.0	Teaching Mat, Dance	\$0.00	\$218.42	\$350.00	\$350.00	\$350.00	\$0.00	0.00%
10.1112.649.03.0	Publications	\$137.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.1112.649.04.0	Publications	\$137.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.1112.733.03.0	Additional Equip	\$0.00	\$0.00	\$400.00	\$2,149.99	\$2,149.99	\$1,749.99	437.50%
10.1112.733.04.0	Addl Equip, Music	\$850.00	\$120.00	\$990.00	\$2,000.00	\$2,000.00	\$1,010.00	102.02%
10.1112.737.04.0	Replace Equip, Music	\$0.00	\$489.75	\$0.00	\$500.00	\$500.00	\$500.00	#DIV/0!
10.1112.810.03.0	Dues and Fees	\$256.00	\$258.00	\$362.00	\$733.00	\$733.00	\$371.00	102.49%
10.1112.810.04.0	Dues, Music	\$944.00	\$1,054.00	\$1,080.00	\$1,280.00	\$1,280.00	\$200.00	18.52%
10.1113.112.03.0	Salaries, Science	\$247,686.00	\$203,684.00	\$209,537.00	\$209,537.00	\$209,537.00	\$0.00	0.00%
10.1113.112.04.0	Salaries, Science	\$522,693.43	\$545,913.80	\$510,900.00	\$510,900.00	\$510,900.00	\$0.00	0.00%
10.1113.430.03.0	Repairs and Maintenance	\$550.00	\$550.00	\$550.00	\$2,000.00	\$2,000.00	\$1,450.00	263.64%
10.1113.430.04.0	Repair, Science	\$0.00	\$653.86	\$1,100.00	\$1,100.00	\$1,100.00	\$0.00	0.00%
10.1113.612.04.0	Workbooks	\$0.00	\$1,357.40	\$1,690.00	\$2,100.00	\$2,100.00	\$410.00	24.26%
10.1113.614.03.0	Expendable Supplies, Science	\$11,559.11	\$7,015.47	\$2,642.40	\$3,028.02	\$3,028.02	\$385.62	14.59%
10.1113.614.04.0	Expendable Supplies, Science	\$4,121.84	\$4,071.73	\$4,200.00	\$4,000.00	\$4,000.00	(\$200.00)	-4.76%
10.1113.615.03.0	Teaching Mat, Science	\$1,100.48	\$3,202.05	\$13,033.53	\$14,286.50	\$14,286.50	\$1,252.97	9.61%
10.1113.615.04.0	Teaching Mat, Science	\$2,890.49	\$5,301.43	\$5,800.00	\$5,800.00	\$5,800.00	\$0.00	0.00%
10.1113.641.04.0	Textbooks, Science	\$5,084.87	\$22,137.45	\$38,139.56	\$3,432.00	\$0.00	(\$38,139.56)	-100.00%
10.1113.643.03.0	Online Resources	\$98.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.1113.649.03.0	Publications	\$79.00	\$79.00	\$100.00	\$100.00	\$100.00	\$0.00	0.00%
10.1113.733.04.0	Addl Equip, Science	\$0.00	\$1,359.09	\$898.65	\$1,075.00	\$1,075.00	\$176.35	19.62%
10.1113.737.03.0	Science Repl. Equipment	\$473.10	\$0.00	\$539.10	\$0.00	\$0.00	(\$539.10)	-100.00%
10.1113.737.04.0	Replacement Equipment	\$712.08	\$2,303.00	\$4,166.79	\$2,300.00	\$2,300.00	(\$1,866.79)	-44.80%
10.1114.112.04.0	Salaries, Computer Ed.	\$118,064.85	\$77,444.25	\$110,078.40	\$110,078.40	\$110,078.40	\$0.00	0.00%
10.1114.614.04.0	Expendables, Computer Ed.	\$660.43	\$2,144.10	\$70.46	\$1,100.00	\$1,100.00	\$1,029.54	1461.17%
10.1114.615.04.0	Teaching Mat, Computer Ed.	\$0.00	\$0.00	\$0.00	\$575.00	\$575.00	\$575.00	#DIV/0!
10.1114.641.04.0	Textbooks, Computer Ed.	\$0.00	\$2,225.68	\$720.00	\$1,080.00	\$1,080.00	\$360.00	50.00%
10.1114.643.04.0	Online Resources, Computer Ed	\$0.00	\$0.00	\$0.00	\$7,500.00	\$0.00	\$0.00	#DIV/0!
10.1115.112.03.0	Salaries, Soc Studies	\$260,885.50	\$255,701.91	\$266,719.00	\$266,179.00	\$266,719.00	\$0.00	0.00%
10.1115.112.04.0	Salaries, Soc Studies	\$534,268.11	\$567,331.32	\$563,188.00	\$563,188.00	\$563,188.00	\$0.00	0.00%
10.1115.612.04.0	Workbooks, Soc Studies	\$2,145.20	\$42.34	\$200.00	\$300.00	\$300.00	\$100.00	50.00%
10.1115.614.04.0	Expend Supply Social Studies	\$69.88	\$183.29	\$250.00	\$300.00	\$300.00	\$50.00	20.00%
10.1115.615.03.0	Teaching Mat, Soc Studies	\$0.00	\$639.66	\$1,142.47	\$4,632.50	\$4,632.50	\$3,490.03	305.48%
10.1115.615.04.0	Teaching Mat, Social Studies	\$0.00	\$0.00	\$1,894.89	\$500.00	\$500.00	(\$1,394.89)	-73.61%
10.1115.641.03.0	Textbooks, Soc Studies	\$0.00	\$369.57	\$329.25	\$366.50	\$366.50	\$37.25	11.31%

Account	Description	FY16 Actual	FY17 Actual	FY18 Budget	FY19 Admin Proposed	FY19 Super/ BA Review	\$ Diff	% Diff
10.1115.641.04.0	Textbooks, Social Studies	\$5,684.78	\$7,889.10	\$21,500.00	\$20,124.75	\$0.00	(\$21,500.00)	-100.00%
10.1115.643.03.0	Online Resources	\$0.00	\$206.99	\$1,072.28	\$8,844.00	\$8,844.00	\$7,771.72	724.78%
10.1115.643.04.0	Online Resources	\$4,603.40	\$2,438.12	\$8,355.11	\$4,100.00	\$4,100.00	(\$4,255.11)	-50.93%
10.1115.810.03.0	Dues and Fees	\$100.00	\$100.00	\$800.00	\$900.00	\$900.00	\$100.00	12.50%
10.1116.112.04.0	Salaries, Tech Ed	\$69,537.00	\$70,642.00	\$50,278.46	\$50,278.46	\$71,546.00	\$21,267.54	42.30%
10.1116.430.04.0	Repair Equip, Tech Ed	\$0.00	\$0.00	\$100.00	\$100.00	\$100.00	\$0.00	0.00%
10.1116.614.04.0	Expendable Supplies, Tech Ed	\$1,141.34	\$1,163.16	\$1,205.00	\$1,150.00	\$1,150.00	(\$55.00)	-4.56%
10.1116.643.04.0	Online Resources	\$3,867.45	\$3,000.00	\$5,000.00	\$3,000.00	\$3,000.00	(\$2,000.00)	-40.00%
10.1116.733.04.0	Addl Equipment, Tech Ed	\$454.63	\$2,302.56	\$9,750.00	\$1,000.00	\$1,000.00	(\$8,750.00)	-89.74%
10.1116.811.01	PLTW Participation Fee	\$0.00	\$4,850.00	\$2,500.00	\$0.00	\$2,500.00	\$0.00	0.00%
10.1123.112.03.0	Salaries, Reading	\$129,960.00	\$134,740.00	\$139,768.00	\$139,768.00	\$139,768.00	\$0.00	0.00%
10.1123.614.03.0	Expendable Supplies, Reading	\$40.88	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.1123.615.03.0	Teaching Mat, Reading	\$0.00	\$1,484.49	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.1123.641.03.0	Textbooks, Reading	\$0.00	\$0.00	\$209.50	\$401.01	\$401.01	\$191.51	91.41%
10.1123.643.03.0	Online Resources-Reading	\$0.00	\$0.00	\$35.00	\$0.00	\$0.00	(\$35.00)	-100.00%
10.1123.733.03.0	Additional Equipment Reading	\$0.00	\$234.57	\$90.00	\$0.00	\$0.00	(\$90.00)	-100.00%
10.1123.810.03.0	Dues and Fees-Spelling Bee	\$0.00	\$152.50	\$158.50	\$0.00	\$0.00	(\$158.50)	-100.00%
10.1169.112.03.0	Salaries, Computer	\$105,370.50	\$77,626.00	\$78,402.00	\$78,402.00	\$78,402.00	\$0.00	0.00%
10.1169.614.03.0	Instruction Specific IT Supplies/Rep	\$11.90	\$0.00	\$1,200.00	\$0.00	\$1,200.00	\$0.00	0.00%
10.1169.614.04.0	Instruction Specific IT Supplies/Repairs					\$1,200.00		
10.1169.615.03.0	Teaching Mat, Computer	\$0.00	\$0.00	\$2,485.00	\$4,485.00	\$4,485.00	\$2,000.00	80.48%
10.1169.618.03.0	Expendable Supplies	\$0.00	\$358.13	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
		\$5,231,182.51	\$5,362,904.21	\$5,714,632.00	\$5,548,692.66	\$5,496,638.74	(\$219,193.26)	-3.84%
10.1200.112.03.0	Salaries, Res Rm/spec Needs	\$415,567.38	\$426,185.73	\$359,094.92	\$359,094.92	\$359,094.92	\$0.00	0.00%
10.1200.112.04.0	Salaries	\$389,461.55	\$372,850.42	\$402,372.08	\$402,372.08	\$402,372.08	\$0.00	0.00%
10.1200.113.03.0	Summer IEP Team Participation	\$0.00	\$0.00	\$0.00	\$800.00	\$800.00	\$800.00	#DIV/0!
10.1200.113.04.0	Summer IEP Team Participation	\$0.00	\$0.00	\$0.00	\$800.00	\$800.00	\$800.00	#DIV/0!
10.1200.114.03.0	Salaries, Aides	\$233,367.08	\$208,834.43	\$201,475.55	\$201,475.58	\$201,475.58	\$0.03	0.00%
10.1200.114.04.0	Salaries, Aides	\$410,056.67	\$404,480.06	\$414,639.16	\$433,181.72	\$433,181.72	\$18,542.56	4.47%
10.1200.115.00.0	Stipends	\$0.00	\$0.00	\$0.00	\$8,700.00	\$8,700.00	\$8,700.00	#DIV/0!
10.1200.115.03.0	Don't Use	\$30,821.61	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.1200.115.04.0	Don't Use	\$46,052.90	\$80.31	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.1200.117.03.0	Behavior Management	\$6,760.00	\$6,500.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.1200.117.04.0	Behavior Management	\$30,530.00	\$2,415.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.1200.118.00	Professional Services	\$0.00	\$0.00	\$5,000.00	\$0.00	\$0.00	(\$5,000.00)	-100.00%
10.1200.121.03.0	Special Ed Coordinator	\$0.00	\$28,400.00	\$29,110.00	\$29,110.00	\$29,110.00	\$0.00	0.00%
10.1200.121.04.0	Special Ed Coordinator	\$0.00	\$74,649.00	\$76,515.00	\$76,515.00	\$76,515.00	\$0.00	0.00%
10.1200.127.04	Tutoring Services-by Staff	\$0.00	\$0.00	\$16,050.00	\$0.00			

Account	Description	FY16 Actual	FY17 Actual	FY18 Budget	FY19 Admin Proposed	FY19 Super/ BA Review	\$ Diff	% Diff
10.1200.320.03.0	Life Skills	\$839.12	\$527.57	\$0.00	\$1,700.00	\$1,700.00	\$1,700.00	#DIV/0!
10.1200.320.04.0	Life Skills	\$0.00	\$0.00	\$0.00	\$7,408.99	\$7,408.99	\$7,408.99	#DIV/0!
10.1200.329.03.0	Contracted Individual Service Aide:	\$0.00	\$459.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.1200.330.00.0	Legal Services, Sped	\$27,318.28	\$8,545.20	\$6,000.00	\$9,000.00	\$9,000.00	\$3,000.00	50.00%
10.1200.330.03.0	Contracted Service	\$79,896.62	\$27,343.46	\$61,940.60	\$16,900.00	\$16,900.00	(\$45,040.60)	-72.72%
10.1200.330.04.0	Contracted Services	\$127,342.21	\$91,717.25	\$96,885.17	\$63,014.25	\$63,014.25	(\$33,870.92)	-34.96%
10.1200.331.03.0	OOD Related Services	\$87,259.46	\$101,154.38	\$12,600.00	\$34,730.96	\$34,730.96	\$22,130.96	175.64%
10.1200.331.04.0	OOD Related Services	\$302,914.75	\$291,008.50	\$491,412.55	\$451,271.78	\$451,271.78	(\$40,140.77)	-8.17%
10.1200.350.00.0	Inservice Program	\$0.00	\$3,680.00	\$0.00	\$7,000.00	\$7,000.00	\$7,000.00	#DIV/0!
10.1200.430.04.0	Equip Repair, Special Needs	\$227.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.1200.534.03.0	Postage Fees	\$500.38	\$0.00	\$550.00	\$0.00	\$0.00	(\$550.00)	-100.00%
10.1200.534.04.0	Postage	\$12.90	\$0.00	\$800.00	\$0.00	\$0.00	(\$800.00)	-100.00%
10.1200.560.03.0	Tuition	\$390,710.50	\$312,224.65	\$118,951.77	\$186,518.61	\$186,518.61	\$67,566.84	56.80%
10.1200.560.04.0	Tuition	\$633,612.83	\$542,101.02	\$1,015,181.33	\$817,565.78	\$817,565.78	(\$197,615.55)	-19.47%
10.1200.580.00.0	Travel	\$0.00	\$0.00	\$1,100.00	\$600.00	\$600.00	(\$500.00)	-45.45%
10.1200.580.03.0	Travel	\$165.95	\$0.00	\$500.00	\$500.00	\$500.00	\$0.00	0.00%
10.1200.580.04.0	Travel	\$0.00	\$0.00	\$600.00	\$400.00	\$400.00	(\$200.00)	-33.33%
10.1200.610.04.0	Teaching Materials-Reading Specia	\$717.38	\$538.36	\$1,800.00	\$810.00	\$810.00	(\$990.00)	-55.00%
10.1200.612.04.0	Workbooks, Special Needs	\$0.00	\$71.01	\$500.00	\$0.00	\$0.00	(\$500.00)	-100.00%
10.1200.613.03.0	Life Skills Prg Supplies	\$0.00	\$440.55	\$1,300.00	\$850.00	\$850.00	(\$450.00)	-34.62%
10.1200.613.04.0	Life Skills Prg Supplies	\$1,833.21	\$1,026.93	\$7,550.00	\$6,359.00	\$6,359.00	(\$1,191.00)	-15.77%
10.1200.614.03.0	Expendable Supplies, S/n	\$525.57	\$2,165.11	\$1,653.50	\$1,187.67	\$1,187.67	(\$465.83)	-28.17%
10.1200.614.04.0	Expendable Supplies, S/n	\$0.00	\$0.00	\$1,875.00	\$3,233.00	\$3,233.00	\$1,358.00	72.43%
10.1200.615.03.0	Teaching Materials, Special Needs	\$0.00	\$0.00	\$1,526.50	\$5,746.15	\$5,746.15	\$4,219.65	276.43%
10.1200.615.04.0	Teaching Mat, Special Needs	\$0.00	\$0.00	\$400.00	\$1,500.00	\$1,500.00	\$1,100.00	275.00%
10.1200.616.04.0	Expendables, Res. Rm	\$0.00	\$35.75	\$125.00	\$120.00	\$120.00	(\$5.00)	-4.00%
10.1200.617.04.0	Teaching Mats Res. Rm.	\$0.00	\$2,426.27	\$2,000.00	\$3,045.00	\$3,045.00	\$1,045.00	52.25%
10.1200.618.04.0	Teaching Materials-GATES	\$3,500.00	\$0.00	\$750.00	\$3,300.00	\$3,300.00	\$2,550.00	340.00%
10.1200.619.04.0	Expendable Supplies-GATES	\$270.51	\$428.35	\$1,700.00	\$2,200.00	\$2,200.00	\$500.00	29.41%
10.1200.641.04.0	Textbooks, Special Needs	\$1,221.70	\$780.00	\$500.00	\$500.00	\$500.00	\$0.00	0.00%
10.1200.650.03.0	Instruction Specific Software/Subsi	\$0.00	\$28,504.20	\$11,138.00	\$8,250.00	\$8,250.00	(\$2,888.00)	-25.93%
10.1200.650.04.0	Instruction Specific Software/Subsi	\$4,500.00	\$4,453.00	\$19,600.00	\$22,290.00	\$22,290.00	\$2,690.00	13.72%
10.1200.732.03.0	Equipment/Maintenance Plans	\$107.25	\$0.00	\$475.00	\$475.00	\$475.00	\$0.00	0.00%
10.1200.732.04.0	Equipment/Maintenance Plans	\$2,122.86	\$90.00	\$275.00	\$375.00	\$375.00	\$100.00	36.36%
10.1200.733.03.0	New Student Equipment-Assistive	\$3,982.76	\$58.98	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.1200.733.04.0	New Student Equipment-Assistive	\$0.00	\$10,360.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.1200.734.03.0	Instruction Specific New Hardware	\$0.00	\$1,623.00	\$0.00	\$3,780.57	\$3,780.57	\$3,780.57	#DIV/0!
10.1200.810.03.0	Dues and Fees	\$0.00	\$547.41	\$820.00	\$762.50	\$762.50	(\$57.50)	-7.01%
10.1200.810.04.0	Dues	\$250.00	\$742.50	\$882.50	\$912.50	\$912.50	\$30.00	3.40%

Account	Description	FY16 Actual	FY17 Actual	FY18 Budget	FY19 Admin Proposed	FY19 Super/ BA Review	\$ Diff	% Diff
10.1201.115.03.0	ESY - Wages	\$0.00	\$10,490.00	\$18,000.00	\$16,000.00	\$16,000.00	(\$2,000.00)	-11.11%
10.1201.115.04.0	ESY - Wages	\$1,944.90	\$26,704.86	\$23,733.75	\$32,000.00	\$32,000.00	\$8,266.25	34.83%
10.1201.330.03.0	ESY - Contracted Services	\$0.00	\$11,684.71	\$450.00	\$5,025.00	\$5,025.00	\$4,575.00	1016.67%
10.1201.330.04.0	ESY - Contracted Services	\$0.00	\$21,434.01	\$16,856.02	\$10,600.00	\$10,600.00	(\$6,256.02)	-37.11%
10.1201.614.03.0	ESY - Supplies	\$0.00	\$0.00	\$39.61	\$500.00	\$500.00	\$460.39	1162.31%
10.1201.614.04.0	ESY - Supplies	\$0.00	\$0.00	\$200.00	\$200.00	\$200.00	\$0.00	0.00%
10.1208.110.00.0	Fiemus Training	\$3,572.66	\$3,260.00	\$4,000.00	\$4,000.00	\$4,000.00	\$0.00	0.00%
10.1225.734.03.0	New Student Equipment-Instructio	\$0.00	\$806.93	\$0.00	\$0.00	\$2,000.00	\$2,000.00	#DIV/0!
10.1225.734.04.0	New Student Equipment-Instructio	\$0.00	\$1,112.32	\$2,375.00	\$0.00	\$2,000.00	(\$375.00)	-15.79%
						\$2,000.00		
						\$2,000.00		
10.1250.110.04.0	Salary-Transition Specialist	\$0.00	\$0.00	\$38,500.00	\$38,500.00	\$77,000.00	\$38,500.00	100.00%
10.1250.111.04.0	504 Coordinator	\$32,236.40	\$34,617.10	\$42,335.30	\$42,335.20	\$42,335.20	(\$0.10)	0.00%
10.1250.114.04.0	504 Paraeducator	\$0.00	\$0.00	\$21,379.28	\$21,379.28	\$21,379.28	\$0.00	0.00%
10.1250.331.03.0	Contracted Services	\$0.00	\$0.00	\$0.00	\$6,149.00	\$6,149.00	\$6,149.00	#DIV/0!
10.1250.331.04.0	Contracted Services	\$0.00	\$0.00	\$0.00	\$39,393.22	\$39,393.22	\$39,393.22	#DIV/0!
10.1250.614.03.0	504 Supplies	\$1,842.81	\$244.08	\$3,700.00	\$2,000.00	\$2,000.00	(\$1,700.00)	-45.95%
10.1250.614.04.0	Expendable Supplies - 504 Program	\$406.67	\$522.36	\$0.00	\$896.00	\$896.00	\$896.00	#DIV/0!
10.1250.615.04	Teaching Materials-504	\$0.00	\$0.00	\$1,201.37	\$0.00	\$0.00	(\$1,201.37)	-100.00%
10.1260.110.00.0	Salaries, Esl/lep	\$18,762.00	\$18,898.40	\$18,898.40	\$18,898.40	\$18,898.40	\$0.00	0.00%
10.1260.321.00.0	Contract Services, Tutors Lep	\$0.00	\$4,813.49	\$13,000.00	\$0.00	\$0.00	(\$13,000.00)	-100.00%
10.1260.580.00.0	Travel, Esl	\$0.00	\$0.00	\$580.00	\$580.00	\$580.00	\$0.00	0.00%
		\$3,291,213.87	\$3,092,035.66	\$3,570,897.36	\$3,412,812.16	\$3,459,312.16	(\$99,535.20)	-2.79%
10.1300.561.04.0	Voc Ed Tuition	\$23,885.66	\$33,780.39	\$45,000.00	\$40,000.00	\$40,000.00	(\$5,000.00)	-11.11%
10.1300.580.04.0	Travel	\$0.00	\$0.00	\$350.00	\$350.00	\$350.00	\$0.00	0.00%
10.1300.614.04.0	Expendables, School To Work	\$0.00	\$0.00	\$300.00	\$300.00	\$300.00	\$0.00	0.00%
10.1300.810.04.0	Dues, School To Work	\$0.00	\$0.00	\$190.00	\$190.00	\$190.00	\$0.00	0.00%
		\$23,885.66	\$33,780.39	\$45,840.00	\$40,840.00	\$40,840.00	(\$5,000.00)	-10.91%
10.1400.110.03.0	Salaries, Coaches-CBA	\$0.00	\$26,100.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.1400.110.04.0	Salaries, Coaches-CBA	\$122,000.00	\$156,500.00	\$0.00	\$168,050.00	\$0.00	\$0.00	#DIV/0!
10.1400.112.03.0	Salaries, Advisors-CBA Stipends	\$59,550.00	\$16,887.50	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.1400.112.04.0	Salaries, Advisors-CBA Stipends	\$51,450.00	\$45,112.50	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.1400.113.04.0	Salaries, Athletic Administration	\$121,171.00	\$130,194.00	\$133,014.28	\$133,014.28	\$133,014.28	\$0.00	0.00%
10.1400.115.04.0	Salaries Athletic Trainer	\$0.00	\$0.00	\$47,807.00	\$50,734.00	\$50,734.00	\$2,927.00	6.12%
10.1400.117.03.0	Athletic Stipends	\$0.00	\$14,450.00	\$43,500.00	\$43,500.00	\$43,500.00	\$0.00	0.00%
10.1400.117.04.0	Athletic Stipends	\$0.00	\$1,100.00	\$157,250.00	\$157,250.00	\$157,250.00	\$0.00	0.00%
10.1400.242.04.0	Athletic Professional Development	\$0.00	\$990.90	\$1,000.00	\$1,000.00	\$1,000.00	\$0.00	0.00%

Account	Description	FY16 Actual	FY17 Actual	FY18 Budget	FY19 Admin Proposed	FY19 Super/ BA Review	\$ Diff	% Diff
10.1400.320.03.0	Officials	\$6,363.00	\$8,404.50	\$9,893.00	\$9,389.00	\$9,389.00	(\$504.00)	-5.09%
10.1400.320.04.0	Officials	\$42,483.58	\$39,476.83	\$44,500.00	\$50,000.00	\$50,000.00	\$5,500.00	12.36%
10.1400.390.03.0	Class Trip Advisors	\$2,550.00	\$2,800.00	\$2,097.00	\$4,200.00	\$4,200.00	\$2,103.00	100.29%
10.1400.424.04.0	Field Maintenance	\$0.00	\$17,184.69	\$20,000.00	\$20,000.00	\$20,000.00	\$0.00	0.00%
10.1400.430.04.0	Equipment Repair	\$0.00	\$3,750.05	\$3,000.00	\$3,000.00	\$3,000.00	\$0.00	0.00%
10.1400.441.04.0	Hockey Ice Time	\$0.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$0.00	0.00%
10.1400.449.04.0	Tennis Facility Rental	\$0.00	\$3,500.00	\$4,000.00	\$4,000.00	\$4,000.00	\$0.00	0.00%
10.1400.510.03.0	Transportation	\$9,104.00	\$5,219.50	\$3,550.00	\$9,750.00	\$9,750.00	\$6,200.00	174.65%
10.1400.510.04.0	Transportation	\$44,380.43	\$76,522.55	\$49,200.00	\$55,000.00	\$55,000.00	\$5,800.00	11.79%
10.1400.531.04.0	Communications	\$1,006.23	\$1,070.86	\$1,100.00	\$0.00	\$0.00	(\$1,100.00)	-100.00%
10.1400.580.04.0	Travel	\$3,457.93	\$1,561.68	\$2,000.00	\$4,000.00	\$4,000.00	\$2,000.00	100.00%
10.1400.614.03.0	Expendables - Supplies	\$0.00	\$0.00	\$0.00	\$1,200.00	\$0.00	\$0.00	#DIV/0!
10.1400.614.04.0	Training Supplies	\$5,744.29	\$1,101.51	\$2,300.00	\$3,000.00	\$3,000.00	\$700.00	30.43%
10.1400.615.03.0	Athletic Supplies	\$4,841.93	\$5,119.51	\$2,831.90	\$5,672.45	\$5,672.45	\$2,840.55	100.31%
10.1400.615.04.0	DO NOT USE	\$640.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.1400.616.03.0	Awards	\$0.00	\$1,179.31	\$2,325.00	\$1,200.00	\$2,325.00	\$0.00	0.00%
10.1400.616.04.0	Awards	\$1,083.16	\$2,994.85	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.1400.617.04.0	Helmets-Replacement	\$0.00	\$1,056.00	\$5,000.00	\$5,000.00	\$5,000.00	\$0.00	0.00%
10.1400.618.03.0	Uniforms	\$0.00	\$0.00	\$3,000.00	\$3,300.00	\$3,300.00	\$300.00	10.00%
10.1400.618.04.0	Uniforms	\$6,011.94	\$12,118.96	\$7,000.00	\$10,000.00	\$4,700.00	(\$2,300.00)	-32.86%
10.1400.619.03.0	Repl Uniforms	\$0.00	\$2,726.40	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.1400.730.03.0	Addl Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.1400.730.04.0	Addl Equipment	\$5,703.67	\$9,162.00	\$5,500.00	\$0.00	\$0.00	(\$5,500.00)	-100.00%
10.1400.731.04.0	FY17 Storage Container	\$0.00	\$5,400.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.1400.739.00.0	Weight Room Management	\$0.00	\$0.00	\$10,000.00	\$10,000.00	\$10,000.00	\$0.00	0.00%
10.1400.739.03.0	Replacement Equipment	\$0.00	\$0.00	\$708.40	\$662.00	\$662.00	(\$46.40)	-6.55%
10.1400.739.04.0	Replacement Equipment	\$7,365.96	\$4,998.65	\$8,000.00	\$0.00	\$0.00	(\$8,000.00)	-100.00%
10.1400.800.04.0	Academic Competition	\$0.00	\$5,000.00	\$5,985.00	\$5,985.00	\$5,985.00	\$0.00	0.00%
10.1400.810.03.0	Dues and Fees	\$924.48	\$1,800.00	\$2,330.00	\$1,960.00	\$1,960.00	(\$370.00)	-15.88%
10.1400.810.04.0	Dues	\$16,355.52	\$17,903.00	\$18,000.00	\$15,000.00	\$15,000.00	(\$3,000.00)	-16.67%
10.1450.117.03.0	Extra Curricular/Dept. Chair Stipen	\$0.00	\$0.00	\$20,550.00	\$20,550.00	\$20,550.00	\$0.00	0.00%
10.1450.117.04.0	Extra Curricular/Dept. Chair Stipen	\$0.00	\$0.00	\$54,053.00	\$54,053.00	\$54,053.00	\$0.00	0.00%
10.1490.117.03.0	Performing Arts Stipends	\$0.00	\$1,137.50	\$6,875.00	\$6,875.00	\$6,875.00	\$0.00	0.00%
10.1490.117.04.0	Performing Arts Stipends	\$0.00	\$0.00	\$20,200.00	\$20,200.00	\$20,200.00	\$0.00	0.00%
10.1490.290.04.0	Performing Arts Stipend	\$16,010.52	\$16,629.00	\$0.00	\$18,150.00	\$0.00	\$0.00	#DIV/0!
10.1490.641.04.0	Textbooks, Performing Arts	\$0.00	\$0.00	\$450.00	\$450.00	\$450.00	\$0.00	0.00%
10.1490.730.04.0	Addl Equipment	\$0.00	\$0.00	\$180.00	\$180.00	\$180.00	\$0.00	0.00%
10.1490.739.04.0	Replacement Equipment	\$0.00	\$0.00	\$800.00	\$800.00	\$800.00	\$0.00	0.00%
		\$528,197.64	\$644,152.25	\$702,999.58	\$902,124.73	\$710,549.73	\$7,550.15	1.07%

Account	Description	FY16 Actual	FY17 Actual	FY18 Budget	FY19 Admin Proposed	FY19 Super/ BA Review	\$ Diff	% Diff
10.2120.100.00.0	Student Assist Coordinator	\$40,529.25	\$43,218.00	\$46,011.00	\$46,011.00	\$46,011.00	\$0.00	0.00%
10.2120.112.03.0	Salaries, Counselors	\$136,537.20	\$146,485.02	\$147,582.89	\$147,582.89	\$147,582.89	\$0.00	0.00%
10.2120.112.04.0	Salaries, Counselors	\$272,430.63	\$279,267.82	\$290,049.47	\$290,049.47	\$290,049.47	\$0.00	0.00%
10.2120.115.04.0	Salaries, Secretaries	\$73,233.99	\$30,305.66		\$32,185.44	\$0.00	\$0.00	#DIV/0!
10.2120.116.00.0	Database Services	\$0.00	\$56,000.00	\$43,050.00	\$43,050.00	\$43,050.00	\$0.00	0.00%
10.2120.117.04.0	Salary, Registrar	\$0.00	\$0.00	\$38,452.40	\$38,452.40	\$38,452.40	\$0.00	0.00%
10.2120.320.04.0	Abuse Prevention Education	\$0.00	\$0.00	\$500.00	\$500.00	\$500.00	\$0.00	0.00%
10.2120.449.04.0	Rentals-Testing	\$0.00	\$949.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.2120.600.04.0	Hospitality Guidance	\$80.31	\$69.40	\$300.00	\$300.00	\$300.00	\$0.00	0.00%
10.2120.613.04.0	Testing	\$4,305.00	\$0.00	\$5,850.00	\$5,850.00	\$5,850.00	\$0.00	0.00%
10.2120.614.04.0	Expendable Supplies, Guidance	\$676.12	\$506.95	\$750.00	\$750.00	\$750.00	\$0.00	0.00%
10.2120.615.03.0	Teaching Mat, Guidance	\$722.65	\$671.90	\$822.10	\$0.00	\$0.00	(\$822.10)	-100.00%
10.2120.641.04.0	Textbooks, Guidance	\$285.17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.2120.730.04.0	Addl Equip, Guidance	\$0.00	\$0.00	\$0.00	\$2,500.00	\$0.00	\$0.00	#DIV/0!
10.2120.810.04.0	Dues, Guidance	\$1,251.00	\$1,105.00	\$960.00	\$960.00	\$960.00	\$0.00	0.00%
10.2134.112.03.0	Salaries, Nurse	\$70,696.00	\$72,530.82	\$74,364.58	\$74,364.58	\$74,364.58	\$0.00	0.00%
10.2134.112.04.0	Salaries, Nurse	\$94,273.15	\$71,490.97	\$76,374.93	\$75,802.28	\$75,802.28	(\$572.65)	-0.75%
10.2134.430.03	Repair Equipment	\$0.00	\$0.00	\$180.00	\$0.00	\$0.00	(\$180.00)	-100.00%
10.2134.430.04.0	Repair Equipment	\$413.39	\$79.00	\$100.00	\$100.00	\$100.00	\$0.00	0.00%
10.2134.614.03.0	Expendable Supplies, Nurse	\$1,456.05	\$1,338.88	\$1,347.00	\$1,527.00	\$1,527.00	\$180.00	13.36%
10.2134.614.04.0	Expendable Supplies, Nurse	\$1,434.50	\$838.28	\$2,425.00	\$3,300.00	\$3,300.00	\$875.00	36.08%
10.2134.730.04.0	Addl Equip	\$0.00	\$760.00	\$200.00	\$450.00	\$450.00	\$250.00	125.00%
10.2142.111.03.0	Salaries, Psycho-Ed	\$0.00	\$0.00	\$49,881.00	\$48,900.00	\$48,900.00	(\$981.00)	-1.97%
10.2142.111.04.0	Salaries, Psycho-Ed	\$78,775.65	\$79,770.00	\$80,224.00	\$80,224.00	\$80,224.00	\$0.00	0.00%
10.2142.351.03.0	Psycho-Ed Evals	\$9,034.42	\$0.00	\$6,000.00	\$6,550.00	\$6,550.00	\$550.00	9.17%
10.2142.351.04.0	Psycho-Ed Evals	\$6,718.84	\$3,120.82	\$7,125.00	\$6,550.00	\$6,550.00	(\$575.00)	-8.07%
10.2143.615.03.0	Testing Matl, Psycho-Ed	\$0.00	\$7,211.59	\$2,200.00	\$2,200.00	\$2,200.00	\$0.00	0.00%
10.2143.615.04.0	Testing Matl, Psycho-Ed	\$959.76	\$3,942.21	\$2,400.00	\$2,400.00	\$2,400.00	\$0.00	0.00%
10.2144.111.04.0	Salaries, Psycho Therapy	\$153,834.98	\$160,634.01	\$171,825.00	\$171,825.00	\$133,535.00	(\$38,290.00)	-22.28%
10.2144.330.03.0	Psycho Therapy Contracted Svc	\$0.00	\$37,384.89	\$358.00	\$358.00	\$358.00	\$0.00	0.00%
10.2144.330.04.0	Psycho Therapy Contracted Svc	\$10,490.00	\$0.00	\$945.00	\$0.00	\$0.00	(\$945.00)	-100.00%
10.2144.614.04.0	Teach Mats/psychothep	\$0.00	\$0.00	\$100.00	\$85.00	\$85.00	(\$15.00)	-15.00%
10.2144.615.04.0	Psychotherapist Materials	\$0.00	\$0.00	\$75.00	\$75.00	\$75.00	\$0.00	0.00%
10.2152.111.03.0	Sal Speech Path	\$20,460.36	\$2,832.72	\$6,058.38	\$5,697.80	\$5,697.80	(\$360.58)	-5.95%
10.2152.111.04.0	Salaries Speech\path	\$4,511.78	\$15,376.45	\$17,093.39	\$17,093.39	\$17,093.39	\$0.00	0.00%
10.2152.390.03.0	Contracted Speech Serv	\$44,465.79	\$73,587.27	\$75,450.94	\$64,715.00	\$64,715.00	(\$10,735.94)	-14.23%
10.2152.390.04.0	Contracted S/I Services	\$124,665.63	\$52,199.72	\$69,764.72	\$63,500.00	\$63,500.00	(\$6,264.72)	-8.98%
10.2152.614.03.0	Testing Mat, Speech	\$0.00	\$0.00	\$519.00	\$1,568.00	\$1,568.00	\$1,049.00	202.12%

Account	Description	FY16 Actual	FY17 Actual	FY18 Budget	FY19 Admin Proposed	FY19 Super/ BA Review	\$ Diff	% Diff
10.2152.614.04.0	Testing Matl, Speech	\$0.00	\$0.00	\$199.00	\$199.00	\$199.00	\$0.00	0.00%
10.2152.615.03.0	Teaching Mat, Speech	\$0.00	\$0.00	\$150.00	\$700.00	\$700.00	\$550.00	366.67%
10.2152.615.04.0	Teaching Mats Sp/lang	\$0.00	\$0.00	\$100.00	\$100.00	\$100.00	\$0.00	0.00%
10.2159.330.03.0	Vision Services/Consultation	\$2,190.00	\$5,425.00	\$5,006.25	\$5,000.00	\$5,000.00	(\$6.25)	-0.12%
10.2159.330.04.0	Vision/Hearing Consulting	\$1,337.23	\$1,908.75	\$3,764.69	\$10,050.00	\$10,050.00	\$6,285.31	166.95%
10.2162.330.03.0	Physical Therapy	\$0.00	\$3,080.00	\$7,500.00	\$0.00	\$0.00	(\$7,500.00)	-100.00%
10.2162.330.04.0	Physical Therapy	\$8,256.00	\$6,292.00	\$7,804.00	\$11,400.00	\$11,400.00	\$3,596.00	46.08%
10.2163.111.00.0	Salary, OT	\$25,095.80	\$32,367.18	\$33,176.00	\$38,176.00	\$38,176.00	\$5,000.00	15.07%
10.2163.613.03.0	Testing Materials-Occupational Thi	\$0.00	\$989.12	\$289.00	\$289.00	\$289.00	\$0.00	0.00%
10.2163.613.04.0	Testing Materials-Occupational Thi	\$0.00	\$761.40	\$150.00	\$12.00	\$12.00	(\$138.00)	-92.00%
10.2163.615.03.0	Teaching Materials-Occupational T	\$1,293.21	\$0.00	\$600.00	\$858.00	\$858.00	\$258.00	43.00%
10.2163.615.04.0	Occupational Therapy-Teaching M:	\$0.00	\$0.00	\$250.00	\$350.00	\$350.00	\$100.00	40.00%
10.2180.301.00.0	Medicaid Billing	\$17,630.52	\$18,610.66	\$18,000.00	\$18,000.00	\$18,000.00	\$0.00	0.00%
10.2190.323.00.0	School Resource Officer	\$64,774.27	\$66,576.46	\$67,164.53	\$72,000.00	\$50,500.00	(\$16,664.53)	-24.81%
10.2192.111.00.0	Salary, BCBA	\$0.00	\$22,050.00	\$22,601.25	\$22,601.25	\$22,601.25	\$0.00	0.00%
		\$1,272,818.65	\$1,299,736.95	\$1,386,093.52	\$1,415,211.50	\$1,320,736.06	(\$65,357.46)	-4.72%
10.2210.112.04.0	Salaries, Curr Coord	\$24,235.53	\$21,011.16	\$23,336.00	\$0.00	\$23,336.00	\$0.00	0.00%
10.2210.114.00.0	Professional Development Stipend	\$51,000.00	\$33,000.00	\$90,000.00	\$72,000.00	\$90,000.00	\$0.00	0.00%
10.2210.115.00.0	New Hire Orientation Comm. Stipe	\$1,500.00	\$2,000.00	\$1,675.00	\$2,400.00	\$2,400.00	\$725.00	43.28%
10.2210.116.00.0	CPR/First Aid Training	(\$156.00)	(\$116.06)	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.2210.240.03.0	Staff Reimburse-Ms Hessa	\$2,413.13	\$648.00	\$2,500.00	\$2,500.00	\$2,500.00	\$0.00	0.00%
10.2210.240.04.0	Staff Reimburse-High Hessa	\$884.41	\$0.00	\$2,500.00	\$2,500.00	\$2,500.00	\$0.00	0.00%
10.2210.241.03.0	Staff Reimburse-Ms Teachers	\$27,395.28	\$28,987.94	\$55,000.00	\$55,000.00	\$55,000.00	\$0.00	0.00%
10.2210.241.04.0	Staff Reimburse-High Teachers	\$44,469.78	\$57,966.25	\$88,000.00	\$88,000.00	\$88,000.00	\$0.00	0.00%
10.2210.242.00.0	Special Ed Training	\$0.00	\$8,053.33	\$900.00	\$0.00	\$0.00	(\$900.00)	-100.00%
10.2210.242.03.0	Staff Development	\$942.20	\$1,953.02	\$2,000.00	\$3,000.00	\$3,000.00	\$1,000.00	50.00%
10.2210.242.04.0	Staff Development	\$4,914.25	\$2,167.21	\$4,200.00	\$4,200.00	\$4,200.00	\$0.00	0.00%
10.2210.243.04.0	Prof Development-Database Servic	\$0.00	\$3,422.83	\$5,000.00	\$5,000.00	\$5,000.00	\$0.00	0.00%
10.2210.244.03.0	Staff Reimburse-AHP	\$0.00	\$25.00	\$250.00	\$250.00	\$250.00	\$0.00	0.00%
10.2210.244.04.0	Staff Reimburse-AHP	\$968.52	\$781.00	\$3,125.00	\$800.00	\$800.00	(\$2,325.00)	-74.40%
10.2210.245.00.0	SAU Wide PD Activities	\$2,786.10	\$2,498.64	\$3,000.00	\$3,000.00	\$3,000.00	\$0.00	0.00%
10.2210.245.03.0	Prof Develop-Admin/Non-Union	\$1,071.34	\$792.02	\$2,000.00	\$2,000.00	\$2,000.00	\$0.00	0.00%
10.2210.245.04.0	Prof Develop-Admin/Non-Union	\$6,854.25	\$2,295.46	\$8,000.00	\$8,000.00	\$8,000.00	\$0.00	0.00%
10.2210.246.00.0	Professional Development-IT	\$0.00	\$299.00	\$500.00	\$500.00	\$500.00	\$0.00	0.00%
10.2210.247.00	Professional Development-FS	\$0.00	\$0.00	\$3,000.00	\$0.00	\$3,000.00	\$0.00	0.00%
10.2210.290.04.0	Stipends For Teacher Duties	\$2,591.95	\$2,861.68	\$2,800.00	\$3,400.00	\$3,400.00	\$600.00	21.43%
10.2210.612.00.0	New Hire Orientation	\$421.97	\$675.64	\$1,267.20	\$1,000.00	\$1,000.00	(\$267.20)	-21.09%
10.2210.641.03.0	Professional Books	\$259.44	\$0.00	\$295.00	\$295.00	\$295.00	\$0.00	0.00%

Account	Description	FY16 Actual	FY17 Actual	FY18 Budget	FY19 Admin Proposed	FY19 Super/ BA Review	\$ Diff	% Diff
10.2210.641.04.0	Professional Books	\$0.00	\$0.00	\$275.00	\$275.00	\$275.00	\$0.00	0.00%
10.2222.112.03.0	Salaries, Library	\$46,271.72	\$51,006.00	\$54,116.00	\$54,116.00	\$54,116.00	\$0.00	0.00%
10.2222.112.04.0	Salaries, Library	\$68,855.00	\$70,642.00	\$72,428.00	\$72,428.00	\$72,428.00	\$0.00	0.00%
10.2222.113.04.0	Salaries, Aides	\$19,014.30	\$19,417.67	\$19,941.91	\$19,942.88	\$19,942.88	\$0.97	0.00%
10.2222.329.04.0	Professional Education Services	\$50.00	\$50.00	\$100.00	\$1,275.00	\$1,275.00	\$1,175.00	1175.00%
10.2222.430.03.0	Repair	\$0.00	\$100.00	\$189.18	\$200.00	\$200.00	\$10.82	5.72%
10.2222.430.04.0	Repair	\$79.61	\$359.00	\$550.00	\$1,600.00	\$1,600.00	\$1,050.00	190.91%
10.2222.436.04.0	Library Reconfiguration	\$17,976.64	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.2222.531.04.0	Telecommunications	\$185.15	\$0.00	\$225.00	\$300.00	\$300.00	\$75.00	33.33%
10.2222.614.03.0	Expendable Supplies	\$722.08	\$540.87	\$562.00	\$700.00	\$700.00	\$138.00	24.56%
10.2222.614.04.0	Expendable Supplies	\$1,600.71	\$778.79	\$941.63	\$1,000.00	\$1,000.00	\$58.37	6.20%
10.2222.615.04.0	Teaching Mat, Lib(instr Med)	\$0.00	\$61.00	\$248.00	\$550.00	\$550.00	\$302.00	121.77%
10.2222.641.03.0	Books and Media	\$3,465.75	\$3,971.35	\$4,403.52	\$4,500.00	\$4,500.00	\$96.48	2.19%
10.2222.641.04.0	Books and Media	\$11,036.47	\$9,191.71	\$9,000.00	\$12,100.00	\$12,100.00	\$3,100.00	34.44%
10.2222.642.03.0	Instruct Media Software	\$2,292.33	\$1,803.85	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.2222.643.03.0	Online Resources	\$0.00	\$0.00	\$2,787.54	\$3,300.00	\$3,300.00	\$512.46	18.38%
10.2222.643.04.0	Online Resources	\$1,806.24	\$2,096.00	\$2,100.00	\$12,399.98	\$12,399.98	\$10,299.98	490.48%
10.2222.649.03.0	Publications	\$807.32	\$997.64	\$1,051.98	\$1,452.00	\$1,452.00	\$400.02	38.03%
10.2222.649.04.0	Publications	\$9,792.44	\$11,016.05	\$11,458.57	\$1,425.00	\$1,425.00	(\$10,033.57)	-87.56%
10.2222.733.03.0	Addl Equipment	\$671.99	\$507.53	\$243.84	\$1,450.00	\$1,450.00	\$1,206.16	494.65%
10.2222.733.04.0	Addl Equipment	\$0.00	\$1,038.18	\$356.75	\$885.00	\$885.00	\$528.25	148.07%
10.2222.737.03.0	Replacement Equipment	\$0.00	\$246.50	\$384.32	\$245.00	\$245.00	(\$139.32)	-36.25%
10.2222.737.04.0	Replacement Equip.	\$1,410.58	\$193.89	\$251.37	\$170.00	\$170.00	(\$81.37)	-32.37%
10.2222.738.04.0	Replacement Equipment, Electroni	\$0.00	\$529.00	\$364.00	\$364.00	\$364.00	\$0.00	0.00%
10.2222.810.04.0	Dues	\$0.00	\$75.00	\$255.00	\$245.00	\$245.00	(\$10.00)	-3.92%
10.2225.112.03.0	Salaries, Info Tech Svcs	\$0.00	\$62,304.47	\$49,317.00	\$47,391.30	\$47,391.30	(\$1,925.70)	-3.90%
10.2225.112.04.0	Salaries, Info Tech Svcs	\$28,891.50	\$36,495.16	\$49,317.00	\$47,391.30	\$47,391.30	(\$1,925.70)	-3.90%
10.2225.434.03.0	Computer Repairs	\$529.68	\$459.31	\$2,000.00	\$2,000.00	\$2,000.00	\$0.00	0.00%
10.2225.434.04.0	Computer Repairs	\$545.75	\$231.58	\$2,000.00	\$2,000.00	\$2,000.00	\$0.00	0.00%
10.2225.614.03.0	Techonogy Supplies	\$1,695.40	\$1,874.87	\$2,000.00	\$2,000.00	\$2,000.00	\$0.00	0.00%
10.2225.614.04.0	Technology Supplies	\$503.36	\$1,782.42	\$1,800.00	\$3,000.00	\$3,000.00	\$1,200.00	66.67%
10.2225.734.03.0	Additional Computer Equipment	\$4,848.40	\$23,706.19	\$20,610.63	\$22,000.00	\$28,550.00	\$7,939.37	38.52%
10.2225.734.04.0	Additional Computer Equipment	\$300.99	\$2,954.38	\$31,010.63	\$47,000.00	\$52,000.00	\$20,989.37	67.68%
10.2225.738.03.0	Replacement Computer Equipmen	\$9,634.48	\$16,715.80	\$3,527.37	\$41,500.00	\$13,450.00	\$9,922.63	281.30%
10.2225.738.04.0	Replacement Computer Equipmen	\$18,000.17	\$47,982.28	\$3,527.37	\$26,060.00	\$32,560.00	\$29,032.63	823.07%
		\$423,540.21	\$538,450.61	\$646,691.81	\$685,110.46	\$719,446.46	\$72,754.65	11.25%
10.2310.301.00.0	School Board Stipends	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$0.00	0.00%
10.2310.320.00.0	School Board Training	\$255.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!

Account	Description	FY16 Actual	FY17 Actual	FY18 Budget	FY19 Admin Proposed	FY19 Super/ BA Review	\$ Diff	% Diff
10.2310.330.00.0	Consulting	\$1,906.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.2310.540.00.0	Advertising	\$380.41	\$1,085.10	\$2,000.00	\$1,500.00	\$1,500.00	(\$500.00)	-25.00%
10.2310.614.00.0	School Board Expenses	\$5,851.12	\$3,777.82	\$1,044.88	\$6,000.00	\$6,000.00	\$4,955.12	474.23%
10.2310.810.00.0	Dues	\$0.00	\$5,312.12	\$4,612.12	\$0.00	\$0.00	(\$4,612.12)	-100.00%
10.2310.840.00.0	Contingency	\$0.00	\$0.00	\$100,000.00	\$100,000.00	\$100,000.00	\$0.00	0.00%
10.2311.301.00.0	Public Hear/district Mtg Exp	\$5,453.06	\$2,245.44	\$6,000.00	\$6,000.00	\$6,000.00	\$0.00	0.00%
10.2312.301.00.0	Sal Sch Bd Sec	\$2,509.02	\$2,360.00	\$2,500.00	\$2,600.00	\$2,600.00	\$100.00	4.00%
10.2313.301.00.0	Treasurer Stipend	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$0.00	0.00%
10.2317.301.00.0	Audit	\$12,750.00	\$10,250.00	\$15,000.00	\$15,000.00	\$15,000.00	\$0.00	0.00%
10.2318.301.00.0	Legal Services	\$26,725.63	\$25,561.19	\$35,000.00	\$28,000.00	\$28,000.00	(\$7,000.00)	-20.00%
10.2320.310.00.0	Sau Assessment	\$723,438.96	\$747,370.92	\$754,648.00	\$808,355.00	\$808,355.00	\$53,707.00	7.12%
		\$783,569.85	\$802,262.59	\$925,105.00	\$971,755.00	\$971,755.00	\$46,650.00	5.04%
10.2400.110.00.0	Wage Increase - Admin. & Non-uni	\$0.00	\$1,001.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.2400.110.03.0	Salaries, Administrators	\$199,641.81	\$197,703.00	\$202,193.00	\$202,193.00	\$202,193.00	\$0.00	0.00%
10.2400.110.04.0	Salaries, Administrators	\$305,218.76	\$289,660.00	\$299,981.00	\$299,981.00	\$299,981.00	\$0.00	0.00%
10.2400.113.00.0	Non-union & Admin. merit increas	\$0.00	\$0.00	\$0.00	\$45,134.62	\$45,134.62	\$45,134.62	#DIV/0!
10.2400.115.03.0	Salaries, Secretaries	\$91,573.77	\$82,287.92	\$83,901.62	\$80,921.84	\$80,921.84	(\$2,979.78)	-3.55%
10.2400.115.04.0	Salaries, Secretaries	\$106,986.26	\$108,072.22	\$112,453.44	\$80,268.00	\$112,453.00	(\$0.44)	0.00%
10.2400.300.00.0	Prof Services-Strategic Planning	\$13,000.00	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00	\$0.00	0.00%
10.2400.340.03.0	Print Management	\$0.00	\$1,898.45	\$2,000.00	\$2,100.00	\$2,100.00	\$100.00	5.00%
10.2400.340.04.0	Print Management	\$0.00	\$3,702.55	\$5,800.00	\$5,800.00	\$5,800.00	\$0.00	0.00%
10.2400.442.03.0	Copier Lease	\$0.00	\$5,588.18	\$8,508.00	\$6,500.00	\$6,500.00	(\$2,008.00)	-23.60%
10.2400.442.04.0	Copier Lease	\$0.00	\$20,480.06	\$8,458.00	\$8,458.00	\$12,958.00	\$4,500.00	53.20%
10.2400.490.03.0	Service Agreements	\$13,865.68	\$1,179.87	\$7,600.00	\$9,200.00	\$9,200.00	\$1,600.00	21.05%
10.2400.490.04.0	Service Agreements	\$21,362.97	\$4,450.70	\$19,155.00	\$19,000.00	\$19,000.00	(\$155.00)	-0.81%
10.2400.531.03.0	Telephone	\$12,809.58	\$18,498.44	\$18,000.00	\$19,300.00	\$19,300.00	\$1,300.00	7.22%
10.2400.531.04.0	Telephone	\$11,489.79	\$12,365.65	\$11,600.00	\$13,300.00	\$13,300.00	\$1,700.00	14.66%
10.2400.532.00.0	Network Services	\$23,199.50	\$14,430.50	\$20,000.00	\$38,000.00	\$38,000.00	\$18,000.00	90.00%
10.2400.534.03.0	Postage	\$605.08	\$703.27	\$962.00	\$1,550.00	\$1,550.00	\$588.00	61.12%
10.2400.534.04.0	Postage	\$4,560.57	\$4,699.10	\$5,000.00	\$6,050.00	\$6,050.00	\$1,050.00	21.00%
10.2400.550.03.0	Printing	\$168.26	\$172.25	\$421.50	\$450.00	\$450.00	\$28.50	6.76%
10.2400.550.04.0	Printing	\$2,008.63	\$2,115.05	\$3,022.00	\$3,000.00	\$3,000.00	(\$22.00)	-0.73%
10.2400.580.03.0	Travel-Admin/Non-Union	\$0.00	\$0.00	\$500.00	\$250.00	\$250.00	(\$250.00)	-50.00%
10.2400.580.04.0	Travel-Admin/Non-Union	\$0.00	\$0.00	\$500.00	\$1,000.00	\$1,000.00	\$500.00	100.00%
10.2400.581.03.0	Travel-Union Staff Mileage	\$219.72	\$26.41	\$400.00	\$275.00	\$275.00	(\$125.00)	-31.25%
10.2400.581.04.0	Travel-Union Staff Mileage	\$0.00	\$14.34	\$200.00	\$200.00	\$200.00	\$0.00	0.00%
10.2400.600.03.0	Hospitality	\$870.58	\$661.41	\$1,000.00	\$1,000.00	\$1,000.00	\$0.00	0.00%
10.2400.600.04.0	Hospitality	\$1,313.50	\$1,150.19	\$1,500.00	\$2,000.00	\$2,000.00	\$500.00	33.33%

Account	Description	FY16 Actual	FY17 Actual	FY18 Budget	FY19 Admin Proposed	FY19 Super/ BA Review	\$ Diff	% Diff
10.2400.614.03.0	Expendable Supplies	\$237.55	\$0.00	\$311.00	\$250.00	\$250.00	(\$61.00)	-19.61%
10.2400.650.00.0	Support Contracts/Hosting Service	\$68,181.57	\$77,507.28	\$92,000.00	\$125,900.00	\$96,570.00	\$4,570.00	4.97%
10.2400.650.03.0	Computer Software, Non-instructic	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.2400.650.04.0	Computer Software-Non-Instructio	\$10,370.93	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.2400.653.00.0	Consulting Services	\$4,364.63	\$1,306.22	\$5,000.00	\$0.00	\$2,500.00	(\$2,500.00)	-50.00%
10.2400.658.00.0	Site Licensing	\$7,067.03	\$7,067.04	\$7,067.00	\$7,067.00	\$7,067.00	\$0.00	0.00%
10.2400.733.04.0	Addl Equipment	\$0.00	\$269.00	\$188.00	\$0.00	\$0.00	(\$188.00)	-100.00%
10.2400.801.04.0	Graduation Expenses	\$9,116.55	\$7,702.31	\$10,000.00	\$10,000.00	\$10,000.00	\$0.00	0.00%
10.2400.810.03.0	Dues	\$1,802.99	\$1,208.99	\$1,850.00	\$1,930.00	\$1,930.00	\$80.00	4.32%
10.2400.810.04.0	Dues	\$6,120.00	\$5,365.00	\$4,840.00	\$4,840.00	\$4,840.00	\$0.00	0.00%
10.2400.899.03.0	HBMS-FY13 Proposed Budget Char	\$0.00	\$0.00	\$0.00	\$133,636.00	\$117,047.00	\$117,047.00	#DIV/0!
10.2400.899.04.0	HBHS-FY13 Proposed Budget Chan	\$0.00	\$0.00	\$0.00	\$274,306.00	\$302,745.00	\$302,745.00	#DIV/0!
10.2515.892.00.0	Food Service Bad Debt Expense	\$562.19	\$804.43	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
		\$916,717.90	\$884,090.83	\$946,411.56	\$1,415,860.46	\$1,437,565.46	\$491,153.90	51.90%
10.2600.110.03.0	District Maintenance Supervisor	\$19,258.50	\$9,347.76	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.2600.110.04.0	District Maintenance Supervisor	\$44,936.50	\$56,414.24	\$64,262.00	\$64,262.00	\$64,262.00	\$0.00	0.00%
10.2600.116.03.0	Salaries, Maintenance	\$151,054.83	\$161,388.13	\$178,221.58	\$178,100.78	\$178,100.78	(\$120.80)	-0.07%
10.2600.116.04.0	Salaries, Maintenance	\$231,666.29	\$223,154.55	\$233,654.20	\$233,360.80	\$233,360.80	(\$293.40)	-0.13%
10.2600.130.03.0	Maintenance Overtime	\$7,857.23	\$7,747.62	\$8,500.00	\$9,000.00	\$9,000.00	\$500.00	5.88%
10.2600.130.04.0	Maintenance Overtime	\$8,951.88	\$7,842.51	\$9,000.00	\$9,000.00	\$9,000.00	\$0.00	0.00%
				\$160.00				
10.2600.391.03.0	Inspections	\$0.00	\$6,028.57	\$4,812.16	\$6,775.00	\$6,775.00	\$1,962.84	40.79%
10.2600.391.04.0	Inspections	\$0.00	\$7,498.42	\$9,793.36	\$9,700.00	\$9,700.00	(\$93.36)	-0.95%
10.2600.402.03.0	Pest Control	\$1,723.00	\$1,398.00	\$2,900.00	\$1,000.00	\$1,000.00	(\$1,900.00)	-65.52%
10.2600.402.04.0	Pest Control	\$900.00	\$900.00	\$500.00	\$1,000.00	\$1,000.00	\$500.00	100.00%
10.2600.411.03.0	Water System Maintenance	\$0.00	\$1,926.22	\$2,757.84	\$8,000.00	\$8,000.00	\$5,242.16	190.08%
10.2600.411.04.0	Water System Maintenance	\$8,190.50	\$8,760.50	\$13,806.50	\$10,000.00	\$10,000.00	(\$3,806.50)	-27.57%
10.2600.421.03.0	Trash Removal	\$8,953.85	\$9,692.58	\$10,000.00	\$11,500.00	\$11,500.00	\$1,500.00	15.00%
10.2600.421.04.0	Trash Removal	\$17,205.52	\$18,317.74	\$19,000.00	\$21,000.00	\$21,000.00	\$2,000.00	10.53%
10.2600.422.03.0	Snow Removal	\$11,754.70	\$24,362.99	\$28,000.00	\$28,000.00	\$28,000.00	\$0.00	0.00%
10.2600.422.04.0	Snow Removal	\$29,190.17	\$56,489.99	\$57,000.00	\$60,000.00	\$60,000.00	\$3,000.00	5.26%
10.2600.424.03.0	Mowing	\$15,881.11	\$16,394.71	\$13,500.00	\$13,500.00	\$13,500.00	\$0.00	0.00%
10.2600.424.04.0	Mowing	\$15,881.15	\$18,384.57	\$21,500.00	\$25,000.00	\$25,000.00	\$3,500.00	16.28%
10.2600.425.04.0	Athletic Field	\$5,194.69	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.2600.426.03.0	Communications Maintenance	\$0.00	\$0.00	\$500.00	\$750.00	\$750.00	\$250.00	50.00%
10.2600.430.03.0	Repair Maintenance Equipment	\$3,027.00	\$1,413.93	\$1,500.00	\$1,500.00	\$1,500.00	\$0.00	0.00%
10.2600.430.04.0	Repair Maint Equip	\$436.50	\$882.02	\$2,000.00	\$3,000.00	\$3,000.00	\$1,000.00	50.00%
10.2600.431.03.0	Heating/ventilating Svcs	\$10,646.07	\$34,534.88	\$10,500.00	\$12,500.00	\$12,500.00	\$2,000.00	19.05%

Account	Description	FY16 Actual	FY17 Actual	FY18 Budget	FY19 Admin Proposed	FY19 Super/ BA Review	\$ Diff	% Diff
10.2600.431.04.0	Heating/ventilation Svcs	\$17,505.13	\$15,043.55	\$9,252.00	\$20,000.00	\$20,000.00	\$10,748.00	116.17%
10.2600.432.03.0	Fire/alarm Svcs	\$5,631.81	\$4,214.00	\$6,500.00	\$6,500.00	\$6,500.00	\$0.00	0.00%
10.2600.432.04.0	Fire/alarm Svcs	\$13,193.37	\$9,519.78	\$4,000.00	\$4,519.00	\$4,519.00	\$519.00	12.98%
10.2600.433.03.0	Plumbing Maintenance	\$0.00	\$1,740.00	\$3,300.00	\$2,100.00	\$2,100.00	(\$1,200.00)	-36.36%
10.2600.433.04.0	Plumbing Maintenance	\$1,171.31	\$1,967.77	\$1,700.00	\$4,000.00	\$2,500.00	\$800.00	47.06%
10.2600.434.03.0	Electrical Maintenance	\$2,285.00	\$1,442.00	\$3,000.00	\$3,000.00	\$3,000.00	\$0.00	0.00%
10.2600.434.04.0	Electrical Maintenance	\$1,274.75	\$3,991.20	\$3,500.00	\$5,000.00	\$5,000.00	\$1,500.00	42.86%
10.2600.436.03.0	Septic System Svcs	\$2,625.00	\$2,625.00	\$2,625.00	\$2,600.00	\$2,600.00	(\$25.00)	-0.95%
10.2600.436.04.0	Septic System Svcs	\$3,600.00	\$3,600.00	\$3,600.00	\$4,000.00	\$4,000.00	\$400.00	11.11%
10.2600.437.03.0	Painting	\$972.46	\$622.86	\$1,600.00	\$1,600.00	\$1,600.00	\$0.00	0.00%
10.2600.437.04.0	Painting	\$1,585.73	\$1,222.23	\$1,600.00	\$2,000.00	\$2,000.00	\$400.00	25.00%
10.2600.438.03.0	Building Repairs	\$5,186.75	\$12,751.78	\$5,500.00	\$12,750.00	\$5,500.00	\$0.00	0.00%
10.2600.438.04.0	Building Repairs	\$5,281.02	\$1,854.75	\$5,500.00	\$39,037.00	\$5,500.00	\$0.00	0.00%
10.2600.439.03.0	General Maintenance	\$10,539.29	\$11,451.77	\$15,305.00	\$15,000.00	\$14,000.00	(\$1,305.00)	-8.53%
10.2600.439.04.0	General Maintenance	\$19,932.93	\$13,134.54	\$18,000.00	\$20,000.00	\$18,500.00	\$500.00	2.78%
10.2600.490.03.0	Service Contracts	\$0.00	\$600.00	\$5,800.00	\$6,600.00	\$6,600.00	\$800.00	13.79%
10.2600.490.04.0	Service Contracts	\$0.00	\$1,435.39	\$10,648.00	\$7,300.00	\$7,300.00	(\$3,348.00)	-31.44%
10.2600.520.00.0	Insurance Liability	\$58,839.80	\$59,256.00	\$61,269.00	\$64,300.00	\$64,300.00	\$3,031.00	4.95%
10.2600.531.00.0	Telephone	\$538.01	\$661.93	\$660.00	\$750.00	\$750.00	\$90.00	13.64%
10.2600.580.00.0	Travel	\$86.25	\$140.40	\$200.00	\$200.00	\$200.00	\$0.00	0.00%
10.2600.580.04.0	Travel	\$0.00	\$97.20	\$400.00	\$250.00	\$250.00	(\$150.00)	-37.50%
10.2600.614.00.0	Expendable Supplies	\$379.64	\$410.80	\$424.00	\$450.00	\$450.00	\$26.00	6.13%
10.2600.614.03.0	Expendable Supplies	\$13,656.26	\$15,223.25	\$16,000.00	\$15,500.00	\$15,500.00	(\$500.00)	-3.13%
10.2600.614.04.0	Expendable Supplies	\$30,942.95	\$28,357.32	\$25,000.00	\$30,000.00	\$30,000.00	\$5,000.00	20.00%
10.2600.621.04.0	Utility Svcs Gas	\$0.00	\$769.81	\$1,000.00	\$1,000.00	\$1,000.00	\$0.00	0.00%
10.2600.622.03.0	Utility Svcs Lighting	\$54,411.64	\$68,740.16	\$61,400.00	\$72,000.00	\$72,000.00	\$10,600.00	17.26%
10.2600.622.04.0	Utility Svcs Lighting	\$117,282.20	\$112,935.31	\$112,600.00	\$120,000.00	\$120,000.00	\$7,400.00	6.57%
10.2600.624.03.0	Utility Svcs Oil	\$35,642.79	\$30,618.13	\$38,000.00	\$38,000.00	\$38,000.00	\$0.00	0.00%
10.2600.624.04.0	Utility Svcs Oil	\$50,490.27	\$52,996.13	\$55,000.00	\$55,000.00	\$55,000.00	\$0.00	0.00%
10.2600.731.03.0	Additional Equipment	\$0.00	\$0.00	\$2,500.00	\$8,000.00	\$2,500.00	\$0.00	0.00%
10.2600.731.04.0	Addl Equipment	\$527.00	\$4,833.48	\$2,500.00	\$6,000.00	\$2,500.00	\$0.00	0.00%
10.2600.735.03.0	Replacement Equipment	\$2,960.00	\$0.00	\$1,000.00	\$1,000.00	\$1,000.00	\$0.00	0.00%
10.2600.735.04.0	Replacement Equipment	\$8,085.00	\$0.00	\$1,000.00	\$1,000.00	\$1,000.00	\$0.00	0.00%
10.2600.890.00.0	FY17 Board Approved Purchases	\$0.00	\$55,094.31	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
		\$1,057,335.85	\$1,190,230.78	\$1,172,250.64	\$1,276,404.58	\$1,222,617.58	\$50,526.94	4.31%
10.2700.510.03.0	Transportation-Contract	\$2,511.20	\$200,934.95	\$218,742.50	\$207,200.00	\$240,000.00	\$21,257.50	9.72%
10.2700.510.04.0	Transportation-Contract	\$5,445.94	\$200,934.95	\$218,742.60	\$207,200.00	\$240,000.00	\$21,257.40	9.72%
10.2700.626.03.0	Gasoline/diesel Fuel	\$27,072.70	\$24,348.04	\$36,000.00	\$32,500.00	\$32,500.00	(\$3,500.00)	-9.72%

Account	Description	FY16 Actual	FY17 Actual	FY18 Budget	FY19 Admin Proposed	FY19 Super/ BA Review	\$ Diff	% Diff
10.2700.626.04.0	Gasoline/diesel Fuel	\$29,664.42	\$26,400.66	\$39,000.00	\$33,500.00	\$33,500.00	(\$5,500.00)	-14.10%
10.2721.510.03.0	Reg Ed Transportation-BH & Other	\$182,017.58	\$12,574.09	\$15,000.00	\$15,000.00	\$15,000.00	\$0.00	0.00%
10.2721.510.04.0	Reg Ed Transportation-BH & Other	\$184,738.77	\$18,338.35	\$19,000.00	\$20,000.00	\$20,000.00	\$1,000.00	5.26%
10.2722.510.03.0	Transportation, SPED	\$120,285.37	\$78,952.65	\$72,525.00	\$152,112.00	\$152,112.00	\$79,587.00	109.74%
10.2722.510.04.0	Transportation, SPED	\$266,259.10	\$347,296.51	\$471,206.00	\$326,764.00	\$326,764.00	(\$144,442.00)	-30.65%
10.2723.510.04.0	Vocational Ed Transportation	\$85,788.43	\$159,734.75	\$118,000.00	\$185,000.00	\$185,000.00	\$67,000.00	56.78%
		\$903,783.51	\$1,069,514.95	\$1,208,216.10	\$1,179,276.00	\$1,244,876.00	\$36,659.90	3.03%
10.2900.207.00.0	Longevity Bonus - Support Staff	\$0.00	\$5,000.00	\$5,000.00	\$0.00	\$5,000.00	\$0.00	0.00%
10.2900.210.00.0	Attendance Bonus	\$11,185.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.2900.211.00.0	Health Insurance	\$1,532,437.57	\$1,547,307.81	\$1,805,807.97	\$1,930,897.41	\$1,805,807.97	\$0.00	0.00%
10.2900.212.00.0	Dental Insurance	\$138,261.97	\$140,792.90	\$150,499.46	\$148,430.04	\$148,430.04	(\$2,069.42)	-1.38%
10.2900.213.00.0	Life, Ltd, Ad&d	\$48,735.14	\$48,699.54	\$66,079.46	\$63,450.15	\$63,450.15	(\$2,629.31)	-3.98%
10.2900.214.00.0	Health Insurance Opt-Out	\$79,787.50	\$87,245.86	\$82,600.00	\$92,100.00	\$92,100.00	\$9,500.00	11.50%
10.2900.215.00.0	Flex Benefit	(\$163.40)	(\$185.84)	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.2900.216.00.0	MTBSOS Expenses Professional Sta	\$0.00	\$758.07	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.2900.217.03.0	Merit Increases - HBMS	\$12,500.00	\$12,800.00	\$13,102.00	\$12,550.67	\$12,550.67	(\$551.33)	-4.21%
10.2900.217.04.0	Merit Increases - HBHS	\$21,250.00	\$21,501.00	\$22,851.00	\$23,091.41	\$23,091.41	\$240.41	1.05%
10.2900.218.00.0	403(b) Matching	\$0.00	\$6,000.11	\$6,000.00	\$6,000.00	\$6,000.00	\$0.00	0.00%
10.2900.220.00.0	Fica	\$747,405.31	\$764,180.59	\$777,047.55	\$796,521.90	\$796,521.90	\$19,474.35	2.51%
10.2900.231.00.0	Employee Retirement	\$99,930.96	\$102,256.97	\$109,483.70	\$92,159.73	\$92,159.73	(\$17,323.97)	-15.82%
10.2900.232.00.0	Teacher Retirement	\$1,212,309.03	\$1,240,758.93	\$1,431,385.91	\$1,462,314.45	\$1,462,314.45	\$30,928.54	2.16%
10.2900.239.00.0	Retirement Benefit	\$79,506.30	\$36,253.46	\$43,148.38	\$0.00	\$25,000.00	(\$18,148.38)	-42.06%
10.2900.250.00.0	Unemployment Compensation	\$21,997.15	\$29,387.00	\$20,500.00	\$21,339.00	\$20,500.00	\$0.00	0.00%
10.2900.260.00.0	Workmans Compensation	\$58,649.54	\$35,359.00	\$36,176.00	\$39,904.31	\$39,904.31	\$3,728.31	10.31%
10.2900.292.00.0	Shoe Allowance-Support Staff	\$0.00	\$808.84	\$2,000.00	\$2,000.00	\$2,000.00	\$0.00	0.00%
10.2900.330.00.0	Contracted Services	\$450.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
		\$4,064,242.27	\$4,078,924.24	\$4,571,681.43	\$4,690,759.07	\$4,594,830.63	\$23,149.20	0.51%
10.4200.713.00.0	Site Improvements-Parking Lot	\$0.00	\$43,180.54	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.4200.725.04.0	Building-Science Lab	\$0.00	\$60,073.91	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
		\$0.00	\$103,254.45	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!
10.5100.830.00.0	Bond Interest	\$842,383.60	\$659,640.35	\$177,367.00	\$155,867.00	\$155,867.00	(\$21,500.00)	-12.12%
10.5100.910.00.0	Bond Principal	\$960,324.15	\$836,443.65	\$420,000.00	\$440,000.00	\$440,000.00	\$20,000.00	4.76%
		\$1,802,707.75	\$1,496,084.00	\$597,367.00	\$595,867.00	\$595,867.00	(\$1,500.00)	-0.25%
10.5221.930.00.0	Transfer To Food Service	\$0.00	\$0.00	\$416,000.00	\$416,000.00	\$416,000.00	\$0.00	0.00%
10.5222.930.00.0	Trnsfr To Special Revenue Fund	\$0.00	\$0.00	\$245,000.00	\$245,000.00	\$245,000.00	\$0.00	0.00%

Account	Description	FY16 Actual	FY17 Actual	FY18 Budget	FY19 Admin Proposed	FY19 Super/ BA Review	\$ Diff	% Diff
10.5252.930.00.0	Transfer to Expendable Trust (Athl	\$56,479.00	\$59,874.97	\$67,000.00	\$70,000.00	\$70,000.00	\$3,000.00	4.48%
10.5253.930.00.0	Transfer to Maintenance Expendat	\$20,000.00	\$20,000.00	\$20,000.00	\$40,000.00	\$40,000.00	\$20,000.00	100.00%
10.5254.930.00.0	Transfer to Spec Ed Expendable Tr	\$0.00	\$0.00	\$100,000.00	\$25,000.00	\$25,000.00	(\$75,000.00)	-75.00%
		\$76,479.00	\$79,874.97	\$848,000.00	\$796,000.00	\$796,000.00	(\$52,000.00)	-6.13%

Total	\$20,375,674.67	\$20,675,296.88	\$22,336,186.00	\$22,930,713.62	\$22,611,034.82	\$285,858.82	1.28%
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Warrant Articles/Transfers

	<u>FY18 Budget</u>	<u>FY19 Super/BA</u>		
Operating Budget	\$21,294,538.00	\$21,567,679.82	\$273,141.82	1.28%
HEA Contract	\$0.00	\$0.00		
HESSA Contract	\$0.00	\$0.00		
SAU Assessment	\$754,648.00	\$808,355.00		
Contingency	\$100,000.00	\$100,000.00		
Athletic Trust	\$67,000.00	\$70,000.00		
Maintenance Trust	\$20,000.00	\$40,000.00		
Special Ed Trust	\$100,000.00	\$25,000.00		
Robotics/Field	\$0.00	\$0.00		
	\$22,336,186.00	\$22,611,034.82	\$274,848.82	1.23%

Coop FY19 Budget Detail for New Items

As of: 9/30/17

Round 1.0 Personnel	
Cost	Descrip
HBHS	
\$43,475	Staff Adjustments-Math (.25)
\$0	Campus Monitor-from Cat 4
\$10,000	Guidance Director
-\$27,136	PT to HBMS-Math
\$0	Reduce PE Position to PT
\$0	RIF .5 Guidance move to Transition Specialist
\$26,339	
HBMS	
\$600	Game Club Advisor
\$27,136	PT to HBMS-Math Provide Intervention/personalized learning
\$27,736	
\$54,075	Total

As of: 10/4/17

Round 2.0 Personnel	
Cost	Descrip
HBHS	
\$42,000	Math-split btw HS-60%/MS-40%
\$0	Campus Monitor-from Cat 4
\$5,000	Guidance Director
\$0	PT to HBMS-Math
\$0	Reduce PE Position to PT
\$0	RIF .5 Guidance move to Transition Specialist
\$47,000	
HBMS	
\$600	Game Club Advisor
\$0	PT to HBMS-Math
\$28,000	Provide Intervention/personalized learning Math-split btw HS-60%/MS-40%
\$28,600	
\$75,600	Total

As of:

Round 3.0 Personnel	
Cost	Descrip
HBHS	
\$0	
HBMS	
\$0	
\$0	Total

As of:

Round 4.0 Personnel	
Cost	Descrip
HBHS	
\$0	
HBMS	
\$0	
\$0	Total

Round 1.0 Academics	
Cost	Descrip
HBHS	
\$15,750	Textbooks-English
\$3,342	Textbooks-Science
\$19,075	Textbooks-Social Studies
\$4,050	Textbooks-Math

Round 2.0 Academics	
Cost	Descrip
HBHS	
\$0	Textbooks-English-nothing new
\$3,432	Textbooks-Science Anatomy/Physiology I/II
\$20,125	Textbooks-Social Studies* Government in America Essentials of Sociology The Unfinished Nation Media Literacy
\$16,840	Textbooks-Math PreCalculus Math w/Business Applications Geometry
\$5,780	Textbooks-World Language AP Spanish Latin I and II Latin English Dictionary
\$4,028	TI-84 Graphing Calculators

Round 3.0 Academics	
Cost	Descrip
HBHS	

Round 4.0 Academics	
Cost	Descrip
HBHS	

\$42,217		\$50,205		\$0		\$0	
HBMS		HBMS		HBMS		HBMS	
\$8,000	Vernier Equipment	\$9,199	Vernier Equipment				
	8th Grade Science		8th Grade Science				
\$1,000	Intervention Software	\$1,000	Intervention Software				
	Research Based-for Math students		Research Based-for Math students				
		\$0	Rplc TI 84 Graphic Calculators (60)*				
			Purchasing Chromebooks instead				
		\$0	Heart Rate Monitors				
\$9,000		\$10,199		\$0		\$0	
\$51,217	Total	\$60,404	Total	\$0	Total	\$0	Total

*Rick checking on SS textbooks as compared to FY18 budget

New Computer Equip New Computer Equip		Round 2.0 New Computer Equip		Round 3.0 New Computer Equip		Round 4.0 New Computer Equip	
Cost	Descrip	Cost	Descrip	Cost	Descrip	Cost	Descrip
HBHS		HBHS		HBHS		HBHS	
\$47,000	Expand wireless network	\$47,000	Expand wireless network				
		\$5,000	Smartboards (2)@\$2500				
			World Language				
\$47,000		\$52,000		\$0		\$0	
HBMS		HBMS		HBMS		HBMS	
\$5,000	Chromebooks (25) @ \$250	\$5,000	Chromebooks (25) @ \$250				
\$550	Cart	\$550	Cart				
	World Language		World Language				
\$5,000	Chromebooks (25) @ \$250	\$10,000	Chromebooks (40) @ \$250				
\$550	Cart	\$1,100	Cart (2)@\$550				
	Math		Math-includes graphing calc. use				
\$2,700	Projectors MH&E (3) @ \$900	\$2,700	Projectors MH&E (3) @ \$900				
	Rms: 212, 214 & 215		Rms: 212, 214 & 215				
\$2,400	Projector on a Cart-Gym/MPR	\$2,400	Projector on a Cart-Gym/MPR				
\$0	Bulb Cost	\$0	Bulb Cost				
\$1,800	Access Points	\$1,800	Access Points-Gym				
\$0	Cable & Mounting	\$0	Cable & Mounting				
	Gym-100 Device Coverage		100 Device Coverage				
\$4,000	Smartboards (2) @ \$2,000	\$5,000	Smartboards (2) @ \$2,500				
	7th Grade Math		7th Grade Math				
\$22,000		\$28,550		\$0		\$0	
\$69,000	Total	\$80,550	Total	\$0	Total	\$0	Total

Round 1.0 Rplcmt Computer Equip-Current		Round 2.0 Rplcmt Computer Equip		Round 3.0 Rplcmt Computer Equip		Round 4.0 Rplcmt Computer Equip	
Cost	Descrip	Cost	Descrip	Cost	Descrip	Cost	Descrip

HBHS	
\$7,800	Staff Laptops (12) @ \$650 Based on Rplcmnt Schedule
\$1,600	Projectors-(4) @ \$400
\$5,000	Copier-Yr 1 of 4 yr lease Main Office
\$3,250	Food Service Devices (5) @ \$650
\$2,410	Main/Guidance Office Devices (3) @ \$650 + monitors @ \$460: W,W,P
\$6,000	Smartboards (3) @ \$2,000 English
\$26,060	
HBMS	
\$7,150	Staff Laptops (11) @ \$650 Based on Rplcmnt Schedule
\$2,000	Projectors (5) @ \$400
\$4,300	Copier-Yr 1 of 4 yr lease Main Office
\$6,250	Chromebooks (25) @ \$250 Classroom Desktop Rplcmnts
\$6,250	Chromebooks (25) @ \$250
\$550	Cart Laptop Cart B Rplcmnt
\$15,000	Intercom System
\$41,500	
\$67,560	Total

HBHS	
\$7,800	Staff Laptops (12) @ \$650 Based on Rplcmnt Schedule
\$1,600	Projectors-(4) @ \$400
\$5,000	Copier-Yr 1 of 4 yr lease Main Office
\$3,250	Food Service Devices (5) @ \$650
\$2,410	Secretary Devices (3) @ \$650 + monitors @ \$460: W,W,P
\$6,000	Smartboards (3) @ \$2,000 English
\$6,500	Auditorium Projector
\$32,560	
HBMS	
\$7,150	Staff Laptops (11) @ \$650 Based on Rplcmnt Schedule
\$2,000	Projectors (5) @ \$400
\$4,300	Copier-Yr 1 of 4 yr lease Main Office
\$0	Chromebooks (25) @ \$250 Classroom Desktop Rplcmnts
\$0	Chromebooks (25) @ \$250
\$0	Cart Laptop Cart B Rplcmnt
\$0	Intercom System
\$13,450	
\$46,010	Total

<u>HBHS</u>	
\$0	
<u>HBMS</u>	
\$0	
\$0	Total

<u>HBHS</u>	
\$0	
<u>HBMS</u>	
\$0	
\$0 Total	

Round 1.0	
Software/Hosted Services	
Cost	Descrip
<u>HBHS</u>	
\$0	
<u>HBMS</u>	

Round 2.0	
Software/Hosted Services	
Cost	Descrip
<u>HBHS</u>	
\$4,950	Network Filter-every 3 yrs
\$11,340	Infinite Visions-from SAU
\$7,500	Code HS
\$23,790	
<u>HBMS</u>	
\$2,603	Network Filter-every 3 yrs
\$7,560	Infinite Visions-from SAU
\$0	Newsela Pro Subscription-3
\$3,155	Turnitin Subscription-2
\$3,030	Naviance Subscription-1

Round 3.0	
Software/Hosted Services	
Cost	Descrip
<u>HBHS</u>	
\$0	
<u>HBMS</u>	

Round 4.0	
e/Hosted Services	
Cost	Descrip
<u>HBHS</u>	
\$0	
<u>HBMS</u>	

\$0	
\$0	Total
Round 1.0 Safety Issues	
Cost	Descrip
HBHS	
\$8,000	Hallway Security Cameras
\$35,000	Phone System
\$20,000	Main Office Security Access Upgrade
\$63,000	
HBMS	
\$2,000	Protective Window Covering
\$600	Door Jams-(20) @ \$30
\$1,000	Door Buzzer
\$1,000	Emergency Backpack Upgrades 20 @ \$30
\$4,600	
\$67,600	Total

\$16,348	
\$40,138	Total
Round 2.0 Safety Issues	
Cost	Descrip
HBHS	
\$5,000	Hallway Security Cameras
\$35,000	Phone System
\$0	Main Office Security Access Upgrade
\$40,000	
HBMS	
\$0	Protective Window Covering
\$600	Door Jams-(20) @ \$30
\$0	Door Buzzer
\$0	Emergency Backpack Upgrades 20 @ \$30
\$600	
\$40,600	Total

\$0	
\$0	Total
Round 3.0 Safety Issues	
Cost	Descrip
HBHS	
\$0	
HBMS	
\$0	
\$0	Total

\$0	
\$0	Total
Round 1.0 Safety Issues	
Cost	Descrip
HBHS	
\$0	
HBMS	
\$0	
\$0	Total

Round 1.0 Athletics	
Cost	Descrip
HBHS	
\$0	
HBMS	
\$0	
\$0	Total

Round 2.0 Athletics	
Cost	Descrip
HBHS	
\$6,000	Football Scoreboard
\$10,000	Volleball Pole System
\$16,000	
HBMS	
\$0	
\$16,000	Total

Round 3.0 Athletics	
Cost	Descrip
HBHS	
\$0	
HBMS	
\$0	
\$0	Total

Round 1.0 Athletics	
Cost	Descrip
HBHS	
\$0	
HBMS	
\$0	
\$0	Total

Round 1.0 Facilities/Maintenance	
Cost	Descrip
HBHS	
\$4,000	Window Ballasts
\$9,250	Scrubber

Round 2.0 Facilities/Maintenance	
Cost	Descrip
HBHS	
\$3,000	Window Ballasts
\$9,250	Scrubber

Round 3.0 Facilities/Maintenance	
Cost	Descrip
HBHS	

Round 4.0 Facilities/Maintenance	
Cost	Descrip
HBHS	

\$1,500	Window Blinds	\$1,500	Window Blinds				
\$3,000	Window Screens	\$2,000	Window Screens				
\$10,000	Painting	\$10,000	Painting-3 yr plan				
\$10,000	Tile Flooring	\$10,000	Tile Flooring-3 yr plan				
\$10,000	Student Restroom Partitions	\$0	Student Restroom Partitions				
\$5,000	Ceiling Radiator Rplment Consult	\$0	Ceiling Radiator Rplment Consult				
\$4,000	HVAC Upgrades	\$4,000	HVAC Upgrades				
\$5,000	Plumbing Fixtures	\$5,000	Plumbing Fixtures-(staff/student bthrms)				
\$25,000	Student Restroom Counters/Sinks	\$15,000	Student Restroom Counters/Sinks				
\$26,000	Roof Sections 1-5	\$26,000	Roof Sections 1-5				
\$30,000	Reline Water Tank	\$40,000	Reline Water Tank				
\$142,750		\$125,750		\$0		\$0	
HBMS		HBMS		HBMS		HBMS	
\$4,500	Library Carpet	\$4,500	Library Carpet				
\$8,000	Gym Bathrooms-Repairs	\$5,000	Gym Bathrooms-Repairs				
\$18,000	Paving Issue	\$0	Paving Issue				
\$10,000	Tile Flooring-Main Hallway	\$10,000	Tile Flooring-Main Hallway				
\$1,100	Faucet Rplcmnt Plan	\$1,100	Faucet Rplcmnt Plan				
\$3,500	Elevator Svc	\$3,500	Elevator Svc				
\$10,000	Life Skills Remodel	\$0	Life Skills Remodel				
\$900	Washer/Dryer-Energy Efficient	\$900	Washer/Dryer-Energy Efficient				
\$1,500	Snowblower	\$1,500	Snowblower				
\$3,000	MPR Tables/Chairs	\$3,000	MPR Tables/Chairs				
\$1,800	Water Bubbler	\$1,800	Water Bubbler				
\$30,000	Elevator Rplcmnt	\$30,000	Elevator Rplcmnt				
\$92,300		\$61,300		\$0		\$0	
\$235,050	Total	\$187,050	Total	\$0	Total	\$0	Total
\$544,502	Grand Total	\$546,352	Grand Total	\$0	Grand Total	\$0	Grand Total

Round 1.0 Warrant Articles		Round 2.0 Warrant Articles		Round 3.0 Warrant Articles		Round 4.0 Warrant Articles	
Cost	Descrip	Cost	Descrip	Cost	Descrip	Cost	Descrip
\$21,841,259	Operating Budget	\$21,567,680	Operating Budget		Operating Budget		Operating Budget
	HEA Contract		HEA Contract		HEA Contract		HEA Contract
	HESSA Contract		HESSA Contract		HESSA Contract		HESSA Contract
\$100,000	Contingency	\$100,000	Contingency	\$100,000	Contingency	\$100,000	Contingency
\$808,355	SAU Assessment	\$808,355	SAU Assessment		SAU Assessment		SAU Assessment
\$70,000	Athletic Trust	\$70,000	Athletic Trust	\$70,000	Athletic Trust	\$70,000	Athletic Trust
\$40,000	Maintenance Trust	\$40,000	Maintenance Trust	\$40,000	Maintenance Trust	\$40,000	Maintenance Trust
\$25,000	Special Ed Trust	\$25,000	Special Ed Trust	\$25,000	Special Ed Trust	\$25,000	Special Ed Trust
	Robotics/Field		Robotics/Field		Robotics/Field		Robotics/Field

\$22,884,614	Warrant Total	\$22,611,035	Warrant Total	\$235,000	Warrant Total	\$235,000	Warrant Total
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EXTRA-CURRICULAR AND CO-CURRICULAR ADVISORS AND ATHLETIC COACHES

The conditions outlined in this policy cover all co-curricular advisor, extra-curricular advisor, and athletic coaching positions offered by the Hollis Brookline Cooperative School District.

It will be the responsibility of the building administrator(s) and/or athletic director to maintain a job description for each position, a copy of which is to be kept on file in the appropriate school building for reference. The building administrator(s) will have the authority to review these job descriptions annually, with input from each stipend position holder, and propose to the Board any changes, including new positions for Board approval.

Selection Process

~~Any open~~All co-curricular advisor, extra-curricular advisor and athletic coaching positions will be posted within the Hollis Brookline Cooperative School District before they are posted publicly. Notices of vacancies will be advertised as necessary, to be determined by the Superintendent.

The athletic director and/or principal will screen applications for appropriate qualifications, competencies, and experience and will conduct interviews where appropriate. The principal, or his or her designee, will check references. The Superintendent will make the recommendation for hire to the School Board for approval.

All persons approved by the School Board for coaching positions will be subject to criminal background checks, consistent with School Board Policies GBCD and IJOC. Persons who have been selected for coaching positions may be hired on a conditional basis, pending a successful completion of the criminal records check.

~~Coaches~~ Eligibility

Persons selected for coaching positions must meet the “Coaches Eligibility” criteria established by the New Hampshire Interscholastic Athletic Association (NHIAA). Coaches must also receive ongoing and continuing education and training as required or recommended by NHIAA.

~~Additionally, persons selected for coaching positions must be at least 21 years of age, have a valid driver's license and have at least a high school diploma. Extra-Curricular and Co-Curricular Advisors must have at least 3 years of college or work experience.~~

Compensation

The table found on the SAU 41 website is to be applied in determining the stipends for all co-curricular advisor, extra-curricular advisor and athletic coaching positions of the Hollis Brookline Cooperative School District.

It is the responsibility of the building administrator to file the necessary paperwork with the Superintendent's office for the timely payment of each stipend.

Each stipend recipient will receive a written contract for their advising or coaching position prior to commencement of the related activity or at the time of hire, whichever occurs later.

The stipend table will be reviewed at least annually by the School Board by no later than the May School Board meeting.

Continuation and Dismissal

All positions will be for one school year or season only. The athletic director and/or principal will make re-appointment proposals for the following school year or season. The recommendation for re-appointment will be made by the Superintendent and forwarded to the School Board for approval. Recommendations for reappointments of advisors will be made at the May School Board meeting. Recommendations for reappointments of coaches may be made at the conclusion of the sport's season and no later than the School Board meeting prior to the start of the sport's season.

An advisor or coach may be dismissed from his/her duties at any time for unprofessional conduct, violation of School Board policies, violation of expectations and responsibilities, and/or any unethical behavior that places students in danger or places the District in an unprofessional light.

Code of Ethical Conduct

Advisors and coaches are required to adhere to all school board policies relative to codes of conduct, behavior, and expectations. Additionally, coaches are required to adhere to all standards of sportsmanship established in School Board policies and/or by NHIAA.

Violation of any code of conduct may result in immediate termination and/or dismissal.

Legal References:

RSA 189:13-a, School Employee and Volunteer Criminal History Records Check
NHIAA By-Law Article I: Policy, Section 32: Coaches Eligibility

1st Reading: September 19, 2017

2nd Reading: October 18, 2017

3rd Reading: November 15, 2017

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BEDB – AGENDA PREPARATION AND DISSEMINATION

Category: Recommended

See Also BEDA, BEDH

The Board Chairperson in consultation with the Superintendent (or designee) shall prepare all agendas and Board packets for meetings of the Board.

Items to be placed on the agenda should be received by the Board Chair and/or the Superintendent at least ten days prior to the meeting. Every Board member has the right to place items on the agenda. Matters not included in the agenda may be presented during the meeting provided the Board agrees to discuss the matter. The Board may choose not to deal with every agenda item. Inclusion of items in the Board Packet will be at the discretion of the Board Chairperson in consultation with the Superintendent.

Consistent with RSA 91-A:3 and the laws pertaining to student and family privacy rights, the Board will not place any matter on the public meeting agenda that is to be properly discussed in a non-public session. This shall not preclude the Board from giving notice of its intent to hold or enter into a non-public session and the statutory reason for doing such.

Any Board member, staff member, student, or citizen of the District may suggest items of business. The inclusion of items suggested by staff members, students, or citizens shall be at the discretion of the Board Chairperson.

The Board shall follow the order of business set up by the agenda unless the order is altered by a majority vote of the members present. Items of business not on the agenda may be discussed and acted upon if a majority of the Board agrees to consider them. The Board, however, may not revise Board policies, or adopt new ones, unless such action has been scheduled, or unless there is an emergency.

The agenda and supporting materials (Board Packets) should be distributed if possible to Board members at least seven days prior to the Board meeting. Board Members shall be expected to read the information provided them and to contact the Board Chair to request additional information that may be deemed necessary to assist them in their decision-making responsibilities. Board Packets shall not include materials presented to the Board by any Board member, staff member, student, or any other person unless approved by the Board Chairperson. Board Packets shall not be supplemented during or after the Board meeting except by vote of the majority of Board members present.

When the final agenda has been established, it will be made available to the public, upon request. Members of the public who wish to speak at Board meetings

regarding an agenda item are encouraged to contact the Board Chair prior to the Board meeting. Additionally, the Board reserves the right to limit public discussion at Board meetings to agenda items only. Supporting materials sent with the agenda are subject to disclosure by the Right-to-Know law. Therefore, both the agenda and the supporting materials may be reviewed by the public prior to the meeting. Any supporting materials that contain confidential information, which is exempt from disclosure and where the Board has a legal duty to maintain the confidentiality of the information, shall be clearly marked as confidential. Board members shall not disclose any materials marked as confidential or otherwise exempt from disclosure under the Right-to-Know law.

Notices of meeting shall be consistently posted on the District's web site in a reasonably accessible location.

Legal Reference:

RSA 91-A:5, IX.

Revised: September 2017

Revised: May 2007

Revised: July 1998, November 1999, February 2004

1st Reading: October 18, 2017

| 2nd Reading: November 15, 2017

BEDG - MINUTES

Category: Recommended

The Board will maintain a record of the actions taken at Board meetings. The Board may provide a paid transcribing secretary to record minutes of meetings. The minutes of the Board shall be kept in an official minute book and shall include the names of members participating, persons appearing before the School Board, a brief description of each subject matter discussed, and a record of all final decisions. When a recorded roll call vote on a motion is required by law or called for by the Chair, the minutes will record how each board member voted on the motion.

Copies of the draft minutes of a meeting will be sent to the members of the Board before the meeting at which they are to be approved. Corrections to the minutes may be made at the meeting at which they are to be approved.

All minutes will be kept in accordance with RSA 91-A:2 and RSA 91-A:3 and will be in the custody of the Superintendent. Draft Minutes of all public meetings, clearly marked as drafts, will be made available for public inspection no later than five (5) business days after each public session. Minutes for non-public sessions shall be kept as a separate document. Draft minutes for all non-public sessions, unless sealed by a recorded roll call vote taken in public session with 2/3 of the board members present supporting the motion, will be made available for public inspection within seventy-two (72) hours after the non-public session.

Approved minutes, except those non-public session minutes which are sealed, shall be consistently posted on the District's web site in a reasonably accessible location or the web site shall contain a notice describing where the minutes may be reviewed and copies requested. Draft minutes will be available for inspection at the District's administrative office.

Sealed minutes shall be reviewed periodically and unsealed by majority vote of the Board if the circumstances justifying sealing the minutes no longer apply. The Superintendent shall identify and bring to the Board's attention minutes which have been sealed because disclosure would render the proposed action ineffective where the action has been completed and the minutes no longer need to be sealed. The Superintendent will also identify any other sealed minutes where the justification for sealing no longer applies due to the passage of time. Generally, non-public session minutes sealed because divulgence of the information would likely affect adversely the reputation of a person other than a member of the School Board, will remain sealed.

Legal References:

RSA 91-A:2 II, Public Records and Meetings: Meetings Open to Public
RSA 91-A:2, II-a,
RSA 91-A:3 III, Public Records and Meetings: Non-Public Sessions
RSA 91-A: 4 I, Public Records and Meetings: Minutes and Records available
for Public Inspection

Adoption: December 15, 2004

Amended:

1st Reading: October 18, 2017

2nd Reading: November 15, 2017

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ACCESS TO MINUTES AND PUBLIC RECORDS

1. These procedures will apply to all requests to inspect or obtain copies of governmental records, including minutes of School Board meetings, received by the administrative offices of the school district.
2. Individuals making Right-to-Know requests are encouraged to discuss their requests with the school administration to insure the request is stated in a manner that will focus on the records desired and avoid being unnecessarily overbroad. Carefully tailored requests often can be fulfilled more promptly and help avoid resources being expended to retrieve and prepare material which exceeds what is actually being sought. The Board encourages members of the public to make their requests in writing and to include a specific description of the desired record(s). Requests for records will not be denied if such request is not in writing. If the person making the request refuses to put the request in writing, the staff member receiving the request shall put the request in writing and shall provide the person with a copy.
3. All requests for public records must be made through the SAU/Superintendent's office.

If a board member receives a Right-to-Know request, the board member will forward the request to the Superintendent as soon as possible.

If a Principal or other school administrator receives a Right-to-Know request, he or she will forward the request to the Superintendent as soon as possible.

4. Public documents requested under the Right-to-Know law will be made available immediately if such records are properly disclosed and immediately available for inspection or copying. If such records are not immediately available, if a determination needs to be made if such records exist, or if a determination needs to be made whether such records are exempt from public disclosure, the Superintendent will, within five (5) business days of the request, respond to the requestor, in writing, acknowledging receipt of the request and providing a statement of the time reasonably necessary to determine whether the request shall be granted or denied. The Superintendent or designee may contact the person making the request if the request is unclear or will be time consuming or onerous to fulfill to determine if the person will clarify the request or agree to narrow the request. Any clarification or narrowing of the request shall be documented in writing and a copy provided to the person making the request.
5. The School District will charge a fee of \$0.15 per page for copying/photocopies of records when the person requests a paper copy. No fee will be charged for the inspection of records.

6. Records will be reviewed in their entirety by either the Superintendent or his/her designee before they are released in order to ensure that no confidential or exempted information is disclosed. District legal counsel may be consulted as necessary.
7. Records exempted from disclosure by RSA 91-A:5 or other law will not be disclosed. If a member of the public requests records that are determined to be exempt from disclosure under RSA 91-A:5 or other law, the Superintendent will respond to the requestor, in writing, indicating that such records are exempt from disclosure.
8. Electronic records may be provided via e-mail or on a portable storage device (thumb drive), if the requestor so requests and if such records can practically be delivered electronically. To protect the integrity of the District's computer system, a thumb drive for this purpose must either be provided by the requestor in unopened manufacturer's packaging or purchased at cost from the District.
9. The Superintendent is authorized to contact the school district's attorney for any matter related to requests for public records.

1st Reading: October 18, 2017

IGE – PARENTAL OBJECTIONS TO SPECIFIC COURSE MATERIAL

Category: Priority/Required By Law

The Board recognizes that there may be specific course materials which some parents/guardians find objectionable.

~~Parents and legal guardians shall be notified by e-mail, other written means, website/social media posting, or phone call not less than two (2) weeks in advance of use of the curriculum course material to be used for instruction of human sexuality or human sexual education, that the material is available for inspection at the school. The notice will identify and provide contact information for the member of staff or faculty a parent or guardian should contact to arrange an opportunity to inspect the curriculum course material.~~

In the event a parent/guardian finds specific course material objectionable, the parent/guardian may notify the building principal of the specific material to which they object and request that the student receive alternative instruction, sufficient to enable the child to meet state requirements for education in the particular subject area. This notification and request shall be in writing.

The building Principal and the parent must mutually agree to the alternative instruction. The alternative instruction agreed upon must meet state minimum standards.

School District staff will make reasonable efforts, within the scope of existing time, schedules, resources and other duties, to accommodate alternative instruction for the student. Alternative instruction may be provided by the school, through approved independent study, or through other method agreed to by the parent/guardian and the building principal. Any cost associated with the alternative instruction shall be borne by the parent.

Nothing in this policy shall be construed as giving parents/guardians the right to appeal to the School Board.

Parents who wish for particular instructional material be reviewed for appropriateness may submit a request for review in accordance with Board Policy KEC or IHAM.

In accordance with the federal Protection of Pupil Rights statute, as a School District that receives federal Department of Education funds, the Superintendent shall develop procedures to allow parent/guardian of a student to inspect any instructional material used as part of the educational curriculum for the student. The procedures will provide reasonable access to instructional material within a reasonable period of time after the request is received.

Legal References:

RSA 186:11, IX-c & IX-e State Board of Education; Duties.
20 U.S.C §1232h, (c)(1)(C), Protection of pupil rights

Adopted: February 15, 2012

1st Reading: October 18, 2017

2nd Reading: November 15, 2017.

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JICFA - HAZING

~~Category: Priority/Required by Law~~

It is the policy of the Hollis Brookline Cooperative School District that no student or employee of the District shall participate in or be a member of any secret fraternity or secret organization that is in any degree related to the school or to a school activity. No student organization or any person associated with any organization sanctioned by the ~~Board of Education~~District shall engage or participate in hazing. This District does not permit or condone student hazing.

For the purposes of this policy, hazing is defined as any act directed toward a student, or any coercion or intimidation of a student to act or to participate in or submit to any act, when: (1) Such act is likely or would be perceived by a reasonable person as likely to cause physical or psychological injury to any person; and (2) Such act is a condition of initiation into, admission into, continued membership in or association with any organization. Hazing includes but is not limited to an activity which recklessly or intentionally endangers the mental or physical health or safety of a student for the purpose of initiation or admission into or affiliation with any organization sanctioned or authorized by the ~~Board of Education~~District.

"Endanger the physical health" shall include, but is not limited to, any brutality of a physical nature, such as whipping; beating; branding; forced calisthenics; exposure to the elements; forced consumption of any food, alcoholic beverage, drug or controlled dangerous substance; or any forced physical activity which could adversely affect the physical health or safety of the individual.

"Endanger the mental health" shall include any activity, except those activities authorized by law, which would subject the individual to extreme mental stress, such as prolonged sleep deprivation, forced prolonged exclusion from social contact which could result in extreme embarrassment, or any other forced activity which could adversely affect the mental health or dignity of the individual.

Any hazing activity upon which the initiation or admission into or affiliation with an organization sanctioned or authorized by the ~~Board of Education~~District is conditioned, directly or indirectly, shall be presumed to be a forced activity, even if the student willingly participates in such activity.

This policy is not intended to deprive School District authorities from taking necessary and appropriate disciplinary action toward any student or employee. Students or employees who violate this policy will be subject to disciplinary action which may include expulsion for students and employment termination for employees.

The Superintendent shall take reasonable measures within the scope of the District's authority to prevent student hazing. All hazing reported to the District or which any District staff member has knowledge of shall be promptly reported to law enforcement, as required by RSA 631:7, Student Hazing.

A copy of this policy will be furnished to each student and teacher in the School District, including being printed in the student handbook.

Legal Reference:

RSA 631:7, Student Hazing

New Hampshire Code of Administrative Rules, Section Ed 306.04(a)(7), Student Hazing

1st Reading: October 17, 2007

Adopted: May 21, 2008

Policy Amended:

1st Reading: October 18, 2017

2nd Reading: November 15, 2017

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HEALTH EDUCATION AND EXEMPTION FROM INSTRUCTION

Consistent with Department of Education requirements, health and physical education, including instruction about parts of the body, reproduction, and related topics, will be included in the instructional program.

Instruction must be appropriate to grade level, course of study, and development of students and must occur in a systematic manner. The Superintendent will require that faculty members who present this instruction receive continuing in-service training, which includes appropriate teaching strategies and techniques.

Parents and legal guardians shall be notified by e-mail, other written means, website/social media posting, or phone call not less than two (2) weeks in advance of use of the curriculum course material to be used for instruction of human sexuality or human sexual education, that the material is available for inspection at the school. The notice will identify and provide contact information for the member of staff or faculty a parent or guardian should contact to arrange an opportunity to inspect the curriculum course material. The

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~~Parents/guardians will have the right to inspect and review~~ health and physical instruction materials ~~which~~ will be made reasonably accessible to parents/guardians and others to the extent practicable.

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Parents/guardians who wish to review or inspect health and physical education materials may arrange a meeting with the Principal to review the materials.

Parents/guardians, or students over eighteen years of age, who do not want their child to participate in a particular unit of health or sex education instruction for religious reasons or religious objections, are allowed to have their child opt-out of such instruction.

Parents/guardians who wish to have their child opt-out of such instruction are required to complete the district opt-out form and state the particular unit of curriculum in which the student is not to participate. Any student who is exempted by request of the parent/guardian under this policy may be given an alternative assignment sufficient to meet state requirements for health education. The alternative assignment will be provided by the health or physical education teacher in conjunction with Principal.

Parents/guardians who do not want their child to participate in a particular unit of health or physical education for religious reasons must complete a Health or Physical Education Opt-Out Form. Opt-Out Forms are available from either the health education teacher or the Principal.

Opt-out requests must be submitted annually and are valid only for the school year in which they are submitted.

Legal References:

NH Code of Administrative Rules, Section Ed 306.40, Health Education Program

NH Code of Administrative Rules, Section Ed 306.41, Physical Education Program

RSA [186](#):11, IX-b, Health and Sex Education

Adopted: February 18, 2009