Monday, November 2, 2026, 6:30 PM

Board Room in the NL Elementary Building
346 School Drive
Fredericksburg, PA 17026

1. **MEETING OPENING**
(This meeting may be recorded and/or live-streamed in accordance with District Policy)
Call the meeting to order.

2. **PRESENTATIONS**

3. **PUBLIC COMMENT**
All individuals who wished to participate in public comment to address the board were asked to register their intent to offer public comment with the board secretary by 3:00 PM today. The board policy requires that public participants be residents or taxpayers to the district. Participants will be recognized by the presiding officer and must preface their comments with an announcement of their name. Each statement by a participant shall be limited to four minutes in duration. All statements shall be directed to the presiding officer. No participant may address or question school directors or employees individually. The presiding officer may interrupt or terminate a participant's statement when the statement is too lengthy, personally directed, abusive, obscene, or irrelevant. The presiding officer may request an individual to leave the meeting when that person does not observe reasonable decorum.

4. **ITEMS FOR DISCUSSION NOTIFICATION**
It should be noted that public notice was given for this meeting in accordance with Act 84 of 1986. By notice of the President, the following action requires a voice vote. All votes in favor shall be stated with an "aye" or "yes"; all votes opposed shall be stated with a "nay" or "no". All members abstaining shall state "I abstain" when prompted. The votes will be recorded in the minutes as a unanimous roll call vote unless there are any votes in opposition or abstention. If necessary, the presiding officer may subsequently call for a roll call vote to be recorded in the minutes.

5. **ITEMS FOR DISCUSSION - CONSENT CALENDAR**

6. **BUDGET & FINANCE**

6.1. **Student Activity Account**
Motion to approve the Student Activity Account Statement for the month of October 2026, statements will be provided prior to the regular meeting.

6.2. **Cash Disbursements**
Motion to approve the payment of vouchers in the Statement of Cash Transactions in the General Fund, Construction Fund, Capital Reserve Fund and the Cafeteria Fund in the amount of $TBD for date ending October 2026. (Disbursements for the date ending

October 2026 were reviewed by the Board of Treasurer.) Statements of Cash Transactions will be included for review prior to the regular meeting.

7. **INSTRUCTIONAL**

7.1. Motion to approve the Secondary School Career Planner for the 2027-2028 School year.
Career Planner 27-28 Final *4*

8. **EXTRA-CURRICULAR**

8.1. Motion to approve the attached Band Festivals for the Secondary School. Please note that the District 7 Band, District 7 Jazz Band, District 7 Orchestra, Region V Band, All-State Jazz Band, All-State Concert Band and All-Eastern Band Festivals are overnight trips.
Band Festivals List *44*

8.2. Motion to approve Northern Lebanon Wrestling team to participate in the Mid Winter Mayhem Tournament at Indiana University of Pennsylvania (IUP). The team will travel in two school vans, departing on Thursday, January 7, 2026 and returning Sunday, January 10, 2026.
Wrestling - Mid Winter Mayhem Approval - November *50*

8.3. Motion to approve Northern Lebanon Girls' Wrestling team to participate in the Lady Mid Winter Mayhem Tournament at Indiana University of Pennsylvania (IUP). The team will take one van and will depart on Friday, January 8, 2026 and returning Sunday, January 10, 2026.
Wrestling - Mid Winter Mayhem Approval - November *52*

9. **HUMAN RELATIONS**

Start dates for all new hires will be determined upon the successful completion of pre-employment requirements.

9.1. **Resignations**
Motion to approve the following resignations:

- Susan Dow - Building Substitute - Effective December 31, 2026 - Retirement
- Michelle Schmidt - Elementary ISS - Effective July 19, 2027 - Retirement
- Judy Gardyasz - Secondary Nurse - Effective December 31, 2026 - Retirement

9.2. **Employment**

- Cora Lerch (NL Graduate) - Building Substitute, Secondary, Effective December 3, 2026.

9.3. **Co-Curricular Advisors**
Motion to approve the co-curricular advisors for the Secondary School.
Secondary Co-curricular (26-27) (26-10-22) (3) *54*

9.4. **2026-2027 Substitutes**
Motion to approve the attached list of substitutes:
Substitutes - 2026-2027- November Board *59*

9.5. **2026-2027 Coaches**
Motion to approve the attached list of Coaches:
Coaches November 2026-2027 - Committee 1 *60*

9.6. **2026 - 2027 Game Help**
Motion to approve the attached list of Game Help:
26-27 Game Help November Committee *63*

9.7. **2026-2027 Bus Drivers**

26-27 School Board Krise Driver_Aides - September 26 (5) (1) 65

10. **POLICY**

Motion to approve the attached policies:

- Policy 109 - Resource Materials
- Policy 249 - Bullying/Cyberbullying

Policy-109-Resource-Materials 66

Policy-249-BullyingCyberbullying - November 68

11. **INFORMATION**

- Middle School Fall Dance - 11/6/26 - 6:00PM - 8:00 PM

12. **ADJOURNMENT**

There being no further business to come before the Board, the meeting is adjourned.

NORTHERN LEBANON
SCHOOL DISTRICT
Where we inspire today and equip for tomorrow
Fredericksburg, PA 17026 ◆ 717-865-2117 ◆ www.norleb.org

Dear Parent/Guardian,

The following pages contain important information that your student, in collaboration with parents/guardians, will use to help select courses for the next school year. The Northern Lebanon faculty has prepared this booklet to assist everyone with a brief overview of our course offerings for the next school year.

Please reach out to the school counselor and classroom teachers if you have any questions. We have worked hard to deliver rigorous course offerings, as well as courses that meet with the varying demands of our students. Courses selected now have a great impact on our children's future. Please take time to review the information with your child to help prepare them for their next school year and future.

With Viking Pride,

Dr. Peter Ebert

Dr. Peter Ebert
Principal of NL Secondary

We are an equal opportunity employer and will not discriminate based on age, race, color, sex, religion, national origin, gender identity, or any other protected class.

Course offerings will be dependent on student interest.

PLANNING A PROGRAM OF STUDY

A student's program of study is most important. Selection of courses should be made only after careful deliberation has been given to the student's abilities, interests, past academic achievement, and post-secondary academic plans. A program of study that is consistent with a student's goals and objectives should be developed. To do this, it is necessary that the student confer with teachers, their school counselor, and parents.

Student requests are completed yearly using the ClassChoice program; however, **a student request does not guarantee placement in the class**. Scheduling requirements and minimum class size will be factors involved in final determination of course offerings. The student should be cognizant of the following information:

- Students must select courses required for graduation as described in this booklet.
- Students are required to select a sufficient number of courses necessary to meet a yearly minimum requirement of 7.0 units of credit.
- In all sequential disciplines, such as foreign languages, mathematics, business education, etc., a student must complete the earlier course with a satisfactory grade before continuing the sequence.
- Courses are offered on a semester or yearly basis. Credit is awarded upon completion of the course.
- **Schedule Changes:**
    - Since scheduling of students and classes is a cumbersome, time-consuming task, student schedules may not be changed following the deadline (5 school days) set by the High School each academic year. Once schedules are finalized, core courses will not be adjusted to accommodate elective changes.
    - The student should discuss the change with the school counselor and complete the necessary form. After the ***school counselor, parent/guardian*** have approved the change, the student will be notified as to when the change is to take effect.
    - After the 5-day period: **In order for a student schedule change to be honored, it must meet one of the following criteria:**
        a. **Academic misplacement**
        b. **Addition of a course to meet graduation requirements**
        c. **Addition of a missing prerequisite**
        d. **And must be approved by administration**

PARENTAL RESPONSIBILITIES

Northern Lebanon believes that parents have a unique opportunity to help their children develop and move into adulthood as easily as possible. This can be accomplished in a variety of ways. Parents attending school information sessions will be provided with information to help them understand the choices their children will have to make. Establishing contacts within the school community will provide parents with the information needed to help their children make decisions.

STUDENT RESPONSIBILITIES

Students need to understand the relationship between their education and their future goals. Regardless of the pathway chosen, it is essential that today's student realizes the necessity of establishing career directions and working toward those goals. Students need to become aware of their potential and how to use that potential to establish career direction. Students are expected to take advantage of the opportunities available to them.
In selecting pathways and courses, students should ask themselves:

- Have I developed goals (short-term, intermediate, and long-term)?
- What high school courses should I take to prepare for these goals?
- What skill level do I need in math and science?
- Will my extra-curricular activities impact on my future goals?
- Who will help me reach my future goals?

NCAA ELIGIBILITY

If a student has aspirations of competing at the Division I or Division II level, they should have a conversation with their counselor immediately. Interested students must take approved courses during their High School career to ensure proper NCAA course criteria is being met. A list of approved Northern Lebanon, NCAA courses can be found under the School Counseling tab on the High School web page. Each approved course is also indicated in the Career Planner at the end of each course description. For more information on the NCAA or to register as an NCAA athlete, please visit NCAA on the web at https://web3.ncaa.org/ecwr3/.

NORTHERN LEBANON VIRTUAL ACADEMY

The Northern Lebanon Virtual Academy (NLVA) is our virtual program for online, asynchronous learning opportunities. NLVA has a rigorous curriculum requiring self-motivation and determination. Students must be able to have self-control to focus on assignment completion. To be successful, students must be organized and motivated. Depending on these factors, a student may need to eliminate at-home and social distractions and create a home/school office area.

Parents are vital to the success of a student in a virtual learning environment. Although students are young adults, they still need to be guided and nurtured. While NLVA has many electronic ways to monitor a student, the parent is the human eyes and ears. Parents have first-hand knowledge of the student's strengths and weaknesses.

Virtual courses follow the same criteria for student enrollment and drop/add as defined in the career planner. Once enrolled in an online course, students have two weeks from the date of enrollment to drop the course. After two weeks, students will be required to complete the online course and the grades will be recorded on the transcript. Students need counselor approval to reenroll in a course that was dropped in the past. In addition to the above guidelines, all online courses follow eligibility guidelines and will count towards grade point average and class rank.

The decision to enroll a student into the Northern Lebanon Virtual Academy requires the input of many parties including students, parents, teachers, counselors, administrators, and the district's virtual coordinator. All involved parties will have the opportunity to voice their input regarding the placement of a student into NLVA. Our policy maintains that students must first be placed into courses that are offered in the classroom before substituting an online course. The school district has the final decision on whether placement into the Northern Lebanon Virtual Academy is in the best interest of the student. Enrollment into NLVA may only occur at the start of the year or the change of the semester.

CLASS RANK

Class rank is calculated annually and is based upon a weighted grade point average, cumulative to include all graded subjects for which credit is awarded. The student with the highest GPA in his/her graduating class at the conclusion of each academic year will be ranked #1. See the GPA Conversion table on Page 5 or in the Student Handbook.

REQUIREMENTS FOR GRADUATION
(Class of 2027 and beyond)

Language Arts	4.0 credits
Social Science	3.0 credits
Mathematics	3.0 credits
Natural Science	3.0 credits
Financial Literacy	0.5 credits
Physical Education	1.5 credits
Health	0.5 credits
Other Electives	8.5 credits
Total	**24.0 credits**

*** STATE GRADUATION REQUIREMENTS State law, specifically Title 22, states: Each school district shall specify requirements for graduation in the strategic plan. Requirements shall include course completion and passing grades, completion of a Career Portfolio, and acceptable results of local assessments aligned with the academic standards.

*** PIAA Standards: All students must carry a minimum of 4 High School credits to be eligible for participation in school athletics.

ADEQUATE GRADUATION PROGRESS

Students will be promoted to the next grade level if they meet the minimum yearly credit requirements as listed below. It is the responsibility of each student, with the assistance of their counselor, to maintain adequate yearly progress toward graduation.

Minimum credits needed to progress:

* Grade 9 to 10:	5.5 credits earned
* Grade 10 to 11:	10.5 credits earned
* Grade 11 to 12:	17 credits earned
* Graduation:	24 credits earned

Course offerings will be dependent on student interest.

GPA CONVERSION TABLE

The NL GPA Conversion Table lists all of the possible added GPA values for unweighted and weighted courses. Unweighted applies a 4.0 GPA scale and is commonly used for college admission and scholarship consideration. Comparing GPA's using a 4.0 scale eliminates the variance in advanced, weighted, courses and only compares exact percentages/GPA values on the 4.0 scale. The weighted scale applies the added value or "weight" that Northern Lebanon adds to each course based on level or difficulty. Advanced courses have the highest possible weighted GPA while academic have the lowest. In order to use the table accurately, first identify the course using the correct column. Weighted values are also listed next to each course description in the planner on the following pages.

GPA Conversion Table

			Weighted GPA Scale		
Letter	Numeric	Unweighted	Standard	Honors	AP/College
A+	98-100	4.00	4.00	4.50	5.00
A	93-97	4.00	3.75	4.25	4.75
A-	90-92	3.50	3.50	4.00	4.50
B+	87-89	3.25	3.25	3.75	4.25
B	83-86	3.00	3.00	3.50	4.00
B-	80-82	2.75	2.75	3.25	3.75
C+	77-79	2.50	2.50	3.00	3.50
C	73-76	2.25	2.25	2.75	3.25
C-	70-72	2.00	2.00	2.50	3.00
D+	67-69	1.75	1.75	2.25	2.75
D	63-66	1.50	1.50	2.00	2.50
D-	60-62	1.25	1.25	1.75	2.25
F	0-59	0.00	0.00	0.00	0.00

For dual enrollment courses

-If a college/university does not have a +/- in their reporting scale, then the GPA that is reported will be at the top end of that letter scale.

-If a college/university does have +/- in their reporting scale, then we will use the GPA that matches in our scale

Course offerings will be dependent on student interest.

Course Descriptions

LANGUAGE ARTS CORE COURSES

010902 Literature Survey 9 **Grade 9** **1.0 Cr.** **Unweighted Course**
This course takes a literature-based approach to English. A process approach to writing is used, and a core of classic and contemporary selections of novels supplements the literature textbook. This course integrates grammar, composition, vocabulary, research, and oral communications with literature. ***NCAA Approved Course***

010903 Honors English 9 **Grade 9** **1.0 Cr.** **0.5 Weighted Value**
Prerequisite: 90% or higher average in English 8 and Foundations (if applicable)
Intensive study of literature-based English instruction will be the basis for this class. Students will be required to complete several written compositions comparing and contrasting authors, styles, and pieces of literature. Students will be required to read novels independently throughout the school year. The class is designed for those students planning to pursue the advanced pathway leading to Honors English 10, College in the High School, or Advanced Placement courses. ***NCAA Approved Course***

011001 English 10 **Grade 10** **1.0 Cr.** **Unweighted Course**
Effective communication of standard English is the ultimate goal of this course. Key strategies for reading comprehension and text-based analysis will be reviewed and expanded upon throughout the year. Students will be taught effective written and oral communication approaches that will apply to real-world situations. They will also focus on Keystone standards as a prerequisite for graduation. Students in this course may plan on attending vocational school or entering the workforce upon graduation.

011002 World Literature 10 **Grade 10** **1.0 Cr.** **Unweighted Course**
This course is an intensive study of literature, vocabulary and composition. Students will focus on literary concepts within the context of classic and modern world literature. Students will be introduced to academic literary analysis and will be asked to apply those skills to formal writing. The class is a comprehensive program offered to students who plan to pursue formal education after graduation. ***NCAA Approved Course***

011003 Honors English 10 **Grade 10** **1.0 Cr.** **0.5 Weighted Value**
Prerequisite: 90% average in Honors English 9 or by teacher recommendation with 95% average in Literature Survey 9
This course is an intensive study of world literature. Students will focus on advanced literary concepts and will be asked to integrate those skills into formal academic writing. Students enrolled in this course will be required to read and analyze pieces of literature independently as well as collaboratively. Active class participation in literary discussions will be expected. This course is designed for students planning to pursue the advanced pathway of Honors English 11, College in the High School, or Advanced Placement courses in grades eleven and twelve. ***NCAA Approved Course***

011101 English 11 **Grade 11** **1.0 Cr.** **Unweighted Course**
Effective communication of standard English is the ultimate goal of this course. Students' personal lives and education are enhanced through the reading of classic and modern American literature. Students are taught effective written communication through the three primary modes of writing. Students in this course may plan on attending vocational school or entering the workforce upon graduation.

011102 American Literature 11 **Grade 11** **1.0 Cr.** **Unweighted Course**
This course is an intensive study of American literature, vocabulary and composition. Students will focus on literary concepts within the context of classic and modern American literature. Students will be introduced to academic literary analysis and will be asked to apply those skills to formal writing. Students will also actively prepare for the SAT exam. The class is a comprehensive program offered to students who plan to pursue formal education after graduation. ***NCAA Approved Course***

011103 Honors English 11 **Grade 11** **1.0 Cr.** **0.5 Weighted Value**
Prerequisite: 90% average in Honors English 10 or by teacher recommendation with 95% average in World Lit 10
This course is an intensive study of American literature. Students will focus on advanced literary concepts and will be asked to integrate those skills into formal academic writing. Students enrolled in this course will be required to read and analyze pieces of literature independently as well as collaboratively. Active class participation in literary discussions will be expected. Students will also actively prepare for the SAT exam. This course is designed for students planning to pursue the advanced pathway of Honors English 12, College in the High School, or Advanced Placement courses in grade twelve. ***NCAA Approved Course***

Course Descriptions

011110 College Readiness 101 **Grades 11 & 12** **1.0 Cr.** **Unweighted Course**
This course is designed to prepare students for the rigors they will face in future post-secondary education and is highly recommended for those students planning to further their education past high school. Students will focus on skills such as reading complex texts, annotating texts, developing discussion skills, note taking, and implementing strategic study habits. Additionally, students will engage with the research process, producing both digital and written products. *Students may take this course in place of either American Literature or British Literature. If this course is taken in addition to American Literature and British Literature, it will serve as an elective.* ***NCAA Approved Course***

011210 AP English Literature and Composition **Grade 11 & 12** **1.0 Cr.** **1.0 Weighted Value**
Will be offered in 2027-2028, will not be offered in 2028-2029
Prerequisite: 90% or higher in Honors English 10 or 11 or by teacher recommendation.
It is expected that a student taking this course will take the Advanced Placement exam offered in the spring for a fee, as this course is designed to prepare students for that exam.
This course is designed for juniors or seniors in the honors track. Students will be exposed to some of the world's greatest literature. We will study the background of these pieces and how they portray the human condition. Students will actively participate in their own learning by reading and responding to works of literature**.** ***NCAA Approved Course***

011208 AP English Language and Composition **Grade 11 & 12** **1.0 Cr.** **1.0 Weighted Value**
Will be offered in 2028-2029, will not be offered in 2027-2028
Prerequisite: 90% or higher in Honors English 11 or by teacher recommendation
It is expected that a student taking this course will take the Advanced Placement exam offered in the spring for a fee, as this course is designed to prepare students for that exam.
This course is designed for seniors in the honors track. Students will read and analyze examples of rhetorical nonfiction for rhetorical strategies and structure of argument. Students will also be exposed to the comprehensive analysis of grammar, mechanics and syntax with specific focus on the development of mature writing. ***NCAA Approved Course***

011201 English 12 **Grade 12** **1.0 Cr.** **Unweighted Course**
This course will allow students the opportunity to focus the content of readings and writings to their individual work-related and/or post-secondary goals and careers. The course also exposes students to crucial interpersonal skills such as providing and receiving feedback, working in groups, and synergizing. Students will have the opportunity to explore various areas of interest catered to their individual wants and needs. The course prepares students for the professional world through career exploration and development, job-related letters, and interview skills. This course will present reading, writing, speaking, and listening opportunities designed to benefit those who desire to enter the workforce, the military, or a vocational education.

011202 British Literature 12 **Grade 12** **1.0 Cr.** **Unweighted Course**
This course is an intensive study of British literature, vocabulary and composition. Students will focus on literary concepts within the context of classic and modern British literature. Students will be introduced to academic literary analysis and will be asked to apply those skills to formal writing. The class is a comprehensive program offered to students who plan to pursue formal education after graduation. ***NCAA Approved Course***

011209 Honors English 12 **Grade 12** **1.0 Cr.** **0.5 Weighted Value**
Prerequisite: 90% in Honors English 11 or by teacher recommendation with a 95% average in American Literature 11
This course is an intensive study of British literature. Students will focus on advanced literary concepts and will be asked to integrate those skills into formal academic writing. Students enrolled in this course will be required to read and analyze pieces of literature independently as well as collaboratively. Active class participation in literary discussions will be expected. The class is a comprehensive program offered to students who plan to pursue formal education after graduation. ***NCAA Approved Course***

LANGUAGE ARTS ELECTIVE COURSES

010904 Creative Writing **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**
Prerequisite: 80% or higher average in previous year's English course
This one-semester course is designed for students to enhance their creative writing abilities and stimulate their imaginations. Students will actively involve themselves in the process of inventing, creating, and fictionalizing in various aspects of creativity such as poetry and short story writing. In addition, students will have the opportunity to publish their works and participate in writing competitions. ***NCAA Approved Course***

Course Descriptions

011104 Applied Journalism - School Yearbook **Grade 9, 10, 11 & 12** **1.0 Cr.** **Unweighted Course**
**Prerequisite - Digital Photography I, Graphic Design I, or Teacher Permission*
*****Students will need to get the entrance assignment May 1st and complete it before the last day of school***
Students may re-enroll in this course in subsequent semesters to accumulate additional credit hours.
Students will be a part of designing and developing the high school yearbook through the application of Photography, page layout, graphic design, and desktop publishing. Students will be required to participate in journalist activities including gathering information, researching, interviewing, and writing. Students will need to be available both during school and after school as events require coverage. Students will be required to complete an entrance assignment to be considered for the course and is limited to 14 applicants (teacher's discretion) prioritized for available spaces as follows: seniors, returning students, students who satisfied prerequisites, juniors, sophomores, and freshmen to fill available spaces first. A half year experience will be considered if circumstances warrant.
This is an elective course and will not be counted toward the English requirement for graduation.

010905 Journalism I **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**
Explores the fundamentals and principles of journalism. Students will study the role of news media in our society and the elements of writing for these media. This is a basic theory course for students planning to continue along the communications pathway. ***NCAA Approved Course***

011105 Journalism II **Grade 10, 11 & 12** **1.0 Cr.** **Unweighted Course**
Prerequisite: 80% or higher average in Journalism I. Juniors and Seniors may be permitted to enroll in Journalism II with a recommendation from the instructor.
Journalism II is a year-long course designed to be an in-depth application of the skill mastered in the Introduction to Journalism course. Students generate, write, and edit stories, interviews, and podcasts to be published on NLHS social media outlets. In addition to writing articles and creating podcasts, students will create recorded news features as well as meet all predetermined production and editorial deadlines. Motivation, responsibility, independence, and self-direction are essential characteristics for a student who enrolls in this course.

011006 Public Speaking/Debate **Grade 10, 11 & 12** **.5 Cr** **Unweighted Course**
Speech and Debate is an introductory course that covers a variety of styles of public speaking and formal debate. Students will become familiar with these styles through instruction, research, and practice. ***NCAA Approved Course***

011009 Great Books and Best Sellers **Grade 10, 11, & 12** **.5 Cr** **Unweighted Course**
New Course
What makes a book a Best Seller? Why do some stories capture the attention of so many? In "Great Books and Best Sellers," you'll read and discuss popular, thought-provoking novels that have appeared on bestsellers lists and sparked conversation throughout the United States, and even sometimes globally. This course takes a book club style approach, where student voice and choice drive the discussion. You'll dive into compelling characters, major themes, and real-world connections, all while developing your own opinions and insights. If you love getting lost in a good book and sharing your thoughts with others, come join in the conversation!

011010 Heroes and Villains **Grade 10, 11, & 12** **.5 Cr** **Unweighted Course**
New Course
What makes someone a hero? What turns someone into a villain? And what about the characters who fall somewhere in between? In "Heroes and Villains," you'll dive into epic battles, twisted minds, and unforgettable journeys as we explore characters who save the day (and those who try to destroy it!). From thrilling texts to powerful films, we'll look at heroes, villains, and those who fall somewhere in the complicated space between the two. You'll meet bold leaders, clever tricksters, dark villains, and flawed antiheroes who challenge everything you thought you knew about good and evil. If you love stories with action, mystery, tough choices, and deep questions about what it means to be human, then this is the class for you!

011111 Mythology: Greek and Roman **Grade 11 & 12** **.5 Cr.** **Unweighted Course**
This course will introduce students to the structure and purpose of myths in society. As students become familiar with patterns and motifs found in mythology, they will gain a great appreciation for traditions of literary heritage and reflect upon the experiences of humanity. In modern society, scientific explanations and natural phenomena are tested, but myths of the past are still relevant for many cultures who still believe in them. Classical stories from Ancient Greece and Rome continue to provide models for individuals and society. Core values, attributes, attitudes, and interactions of classical gods display universal and specific cultural concerns. Through Ancient Greek and Roman mythology, social and ethical issues are reflected and continue to be shown.

Course offerings will be dependent on student interest.

Course Descriptions

SOCIAL SCIENCES CORE COURSES

020903 American History 9 **Grade 9** **1.0 Cr.** **Unweighted Course**
Covers the time period from 1850 to the present day. In this course, American history is presented chronologically. The course starts with the study of the pre-Civil War causes and major Civil War concepts and proceeds onto other concepts which include; the settlement of the American West, Industrialization, Immigration, the Progressive movement, World War I, the decades of the 1920's and 1930's and World War II. The course concludes with the study of political and cultural trends, events throughout the Cold War and Vietnam, Watergate, and various other topics that bring us to the present day. Students will also be taught important events, movements, and influential policies (Domestic and Foreign) of the United States. ***NCAA Approved Course***

020905 World History **Grade 10** **1.0 Cr.** **Unweighted Course**
This course is designed to introduce students to the different cultures and histories of the world. Students will cover the five themes of geography (location, place, interaction, region, and movement) and map skills. They will also cover the meaning of culture and how culture changes. The following cultural regions and their histories will be covered during the course: Middle East, Europe, South Asia (India, Pakistan, and Bangladesh), Africa, East Asia (China, Japan, and Korea), South East Asia, and Latin America. ***NCAA Approved Course***

021003 AP World History : Modern **Grade 10, 11, & 12** **1.0 Cr.** **1.0 Weighted Value**
Prerequisite: 90% or higher in American History and World History; if taking in Grade 10 or in place of World History, a teacher or counselor recommendation is needed
It is expected that a student taking this course will take the Advanced Placement exam offered in the spring for a fee, as this course is designed to prepare students for that exam.
In AP World History students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. The course provides five themes that students explore throughout the course in order to make connections among historical developments in different times and places: (1) interaction between humans and the environment; (2) development and interaction of cultures; (3) state building, expansion, and conflict; (4) creation, expansion, and interaction of economic systems; and (4) development and transformation of social structures. ***NCAA Approved Course***

020904 Civics and Government **Grade 11** **1.0 Cr.** **Unweighted Course**
The Civics and Government course will cover the following content: the purpose and function of government, the different forms of government and economic systems, the three branches of government at the federal and state levels, elections and campaigns, citizens' rights and responsibilities, and public policy. ***NCAA Approved Course***

021105 AP US Government & Politics **Grade 11 & 12** **1.0 Cr.** **1.0 Weighted Value**
Prerequisite: Civics & Government OR 90% minimum average for senior high social studies courses; Grade 10 or in place of Civics and Government, a teacher or counselor recommendation is needed
It is expected that a student taking this course will take the Advanced Placement exam offered in the spring for a fee, as this course is designed to prepare students for that exam.
AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behaviors. Underpinning the required content of the course are several big ideas that allow students to create meaningful connections among concepts throughout the course. Students will also engage in skill development that requires them to read and interpret data, make comparisons and applications, and develop evidence-based arguments.
NCAA Approved Course

SOCIAL SCIENCES ELECTIVE COURSES

021104 The Bible in Western Culture **Grade 11 & 12** **.5 Cr.** **Unweighted Course**
This semester course examines the wide variety of ways in which the Bible has shaped western culture. Students will read, listen to music, analyze literature and speeches, examine artwork, and view excerpts from film and television. The purpose of this academic pursuit is to help understand the many ways, big and small, in which the Bible has helped to influence our society.

Course Descriptions

021209 Sport in Society **Grade 11 & 12** **.5 Cr.** **Unweighted Course**
Sports and Society will focus on the enormous impact sports has played--and continues to play--in society, with an emphasis on U.S. society. This one semester course is broken down into thematic units, including: A History of Sports; Ethics in Sports; Discrimination in Sports; and, The Business of Sports. Students will explore issues of history, race, gender, economics & politics in relation to sports. Current topics in the news such as violence, safety, performance enhancing drug use, and whether college athletes should be paid, will be discussed and analyzed within the classroom discussion. Students will be expected to participate in a variety of activities including: weekly discussions, research projects, and group activities. ***NCAA Approved Course***

021207 Comparative Religions **Grade 11 & 12** **.5 Cr.** **Unweighted Course**
This semester course provides a survey of the basic elements and historical development of major world religions. Students will explore the religions' foundations, sacred texts, beliefs, and practices to discover the culture and traditions of its people. ***NCAA Approved Course***

021106 American Popular Culture **Grade 11 & 12** **.5 Cr.** **Unweighted Course**
This course examines popular culture from various sociological perspectives. Popular culture appears in many forms in our daily life such as the Internet, the media, film, music, video games, clothing, fashions, and even the food we eat. We will explore the roles and influence popular culture has upon daily life by defining and analyzing the phenomenon with the aid of various sociological approaches that have been used to explain popular culture. Who has the power to classify what is 'popular', what is 'highbrow' culture, and what is 'low brow' entertainment? Does popular culture manifest 'from the bottom up' - is popular culture created for and by the people? Or is popular culture dictated 'from the top down' - by elites and commercial interests in positions of power that shape the cultural tastes of the masses? Who are the producers and consumers of popular culture? With the global accessibility offered by the Internet and social media, have the boundaries between producer and consumer blurred? And where does the concept of intellectual property and ownership fit into the digital age of popular culture? ***NCAA Approved Course***

021107 History of Genocide **Grade 11 & 12** **.5 Cr.** **Unweighted Course**
The Social Justice and Genocide Studies course provides students with an overview of some historical and 20th-century world events focused on the paradigm of good vs. evil of individuals, groups, and nations. It will establish a psycho-social, historical, and cultural framework that enables students to examine case studies of social justice, genocide, and mass violence on six continents. The Holocaust in Europe, as well as the genocides in Turkey, Cambodia, the Americas, Rwanda, Armenia, Russia, China, and North Korea, are some of the case studies that illuminate the mass violence, torture, killing of humans, and destruction of their ways of life. Students will examine why and how some people perpetrate evil (genocide, mass violence), are apathetic bystanders, or take a stand for social justice. Students will learn an overview of the social justice theory, and its practices, and then examine case studies of historic and 20th Century genocide and mass violence. They will also learn about risk, prevention, intervention, and accountability towards the subject of social justice.

021204 Psychology and Sociology **Grade 11 & 12** **1.0 Cr.** **Unweighted Course**
This two-part course is designed for the college-bound student who is interested in facets of human behavior. Emphasis will be placed on student engagement through debating, role-playing and conducting experiments about individual behaviors, thoughts, and emotions (psychology) and about group dynamics, norms and trends in cultures throughout America and the world (sociology). The course includes a moderate amount of reading outside of class time and participation during class time, so regular attendance is greatly beneficial for success. ***NCAA Approved Course***

021210 AP Psychology **Grade 11 & 12** **1.0 Cr** **1.0 Weighted Value**
New Course: Pending Board Approval
Prerequisite: Psychology and Sociology OR 90% minimum average for senior high social studies courses
It is expected that a student taking this course will take the Advanced Placement exam offered in the spring for a fee, as this course is designed to prepare students for that exam.
The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with major units of study, including biological bases of behavior, cognition, development, learning, social psychology, personality, and mental and physical health. Throughout the course, students apply psychological concepts and employ psychological research methods and data interpretation to evaluate claims, consider evidence, and effectively communicate ideas.

021103 AP United States History **Grade 11 & 12** **1.0 Cr.** **1.0 Weighted Value**
Prerequisite: 90% or higher in American History and World History
It is expected that a student taking this course will take the Advanced Placement exam offered in the spring for a fee, as this course is designed to prepare students for that exam.
Designed to be the equivalent of the history survey courses usually offered during the first year of college. It covers American history from the colonies through recent times and moves at an accelerated pace. There is heavy emphasis on reading (including summer assignments) and in-depth historical analysis, including extensive writing assignments. ***NCAA Approved Course***

Course Descriptions

021206 Principles of Economics **Grade 12** **.5 Cr.** **Unweighted Course**
This semester course will prepare students to master fundamental concepts of economics, including the basic economic principles of micro and macroeconomics, comparative economics systems, measurement and methods. Emphasis will be placed on applying concepts to current events and real-life situations. ***NCAA Approved Course***

CE01 Cooperative Education **Grade 12** **3.0 – 4.0 Cr.** **Unweighted Course**
Cooperative Education (Co-Op) is an educational program that combines classroom instruction with on-the-job training in a career area of the student's choice. This program is designed to integrate classroom study in employability and life skills with planned, supervised, practical work experience. Students must secure a service placement, internship, or a work position at a site with a supervisor and maintain a minimum of 15 hours per school week. The co-op coordinator must approve all placements. Students interested in co-op must complete an application in the spring of their junior year and have an approved worksite prior to the start of their senior year.

MATHEMATICS CORE COURSES

030902 Algebra I **Grade 9** **1.0 Cr.** **Unweighted Course**
This course will provide students with a basic background in the topics traditionally included in a first-year algebra course. It is a foundational course, meaning it is necessary to have a thorough understanding of the concepts in this course before attempting higher level mathematics. Students learn to apply the use of variables to solve problems and work to understand the concepts of linear functions.

030914 Algebra IA **Grade 9** **1.0 Cr.** **Unweighted Course**
To better prepare students for the Keystone Algebra Exam, algebra content will be taught over two years. In the first year, students will learn foundational concepts, including solving equations and inequalities, as well as writing and graphing linear functions. Grades from Math 7 and Math 8, along with results from the Grade 7 and/or Grade 8 Math PSSA assessments, will be used as criteria for this course. Students who successfully complete the Algebra IA course will proceed to Algebra IB in the following year, then they will take the Keystone Exam at the end of the course.

031006 Algebra IB **Grade 10** **1.0 Cr** **Unweighted Course**
Prerequisite: Algebra IA
This course is the second in a two-year sequence for Algebra I. The course material is designed to meet the PA standards for the Keystone Exam. Data analysis, probability, polynomial expressions, functions, laws of exponents, and systems of linear equations and inequalities will be taught in Algebra IB. Placement in this course is based on successful completion of Algebra IA. The Keystone Algebra Exam will be taken at the end of the course.

030903 Geometry **Grade 9 & 10** **1.0 Cr.** **Unweighted Course**
Prerequisite: Algebra I
This course will cover plane geometry concepts, such as parallel lines, angles, congruent triangles, right triangles, quadrilaterals, and circles. Students will also study trigonometry, areas of plane figures, volumes of solid figures, and formal geometric proofs in order to develop logical thinking and reasoning skills.

030904 Honors Geometry **Grade 9 & 10** **1.0 Cr.** **0.5 Weighted Value**
Prerequisite: 80% in Algebra I and 1492 or above on Keystone Algebra exam.
This course is designed for accelerated ninth grade students who wish to have the opportunity to earn college credit for calculus or statistics while still in high school. The students will develop deductive reasoning skills by studying the properties of parallel lines, angles, congruent triangles, right triangles, circles, transformations, and developing conclusions from these properties. In their study of right triangles, students will develop basic trigonometric ratios. Areas of plane figures will be investigated, and formulas developed. Students will be required to complete formal proofs as part of this process.

031002 Algebra II **Grade 10 & 11** **1.0 Cr.** **Unweighted Course**
Prerequisite: Algebra I (It is also highly recommended that students wait to take this course until after they have scored proficient or advanced on their Algebra I Keystone exam)
This course is designed to prepare students for advanced mathematical studies in either high school or college. The concepts learned in this course include linear equations, systems of linear equations, inequalities, powers and radicals, polynomials, quadratic equations, exponential functions, and logarithms.

Course offerings will be dependent on student interest.

Course Descriptions

031003 Honors Algebra II **Grade 10 & 11** **1.0 Cr.** **0.5 Weighted Value**

Prerequisite: 80% Honors Geometry or 90% in Geometry and Proficient or Advanced on Keystone Algebra I exam.

This course is designed for the accelerated tenth grade students who wish to have the opportunity to earn college credit for calculus while still in high school. It includes an extensive study of polynomials, solving equations and systems of equations, solving inequalities and systems of inequalities, and graphing. Students will also solve higher-order equations and inequalities as well as study functions and application problems.

031109 Consumer Math **Grade 11 & 12** **1.0 Cr.** **Unweighted Course**

In Consumer Math, students study and review arithmetic skills they can apply in their personal lives and future careers. The course begins with a focus on occupational topics; it includes details on jobs, wages, deductions, taxes, insurance, recreation and spending, and transportation. Following that, students learn about personal finances, checking and savings accounts, loans and buying on credit, automobile expenses, and housing expenses.

031103 AP Pre-Calculus **Grade 11 & 12** **1.0 Cr.** **1.0 Weighted Value**

Prerequisite: 80% in Honors Algebra II or 90% in Algebra II and Proficient or Advanced on Keystone Algebra I exam.

It is expected that a student taking this course will take the Advanced Placement exam offered in the spring for a fee, as this course is designed to prepare students for that exam.

This course is designed for the accelerated eleventh grade students. Topics covered include power functions, polynomial functions, rational functions, exponential and logarithmic functions, logistic functions, conic sections, linear and non-linear systems of equations, matrices, mathematical modeling, and trigonometry. Note: Students should <u>not</u> take both Trigonometry and Pre-Calculus concurrently.

031102 Trigonometry **Grade 11 & 12** **1.0 Cr.** **Unweighted Course**

Prerequisite: Algebra II

This course begins with a review of functions and other concepts from Algebra II and then makes a transition into the trigonometric functions through the use of triangles. Trigonometric functions for all angles are presented, and applications for these problems are covered. From there, the functions are related to circular motion using radian measure and solving velocity. In addition, students will learn how to graph trigonometric functions and prove identities. Other topics include complex numbers, logarithms, polar coordinates, and graphing polar coordinates. Note: Students should <u>not</u> take both Trigonometry and Pre-Calculus

031202 Probability & Statistics **Grade 11 & 12** **1.0 Cr.** **Unweighted Course**

Prerequisite: Algebra II

This course may be taken concurrently with another mathematics course. This course is designed for those students who are planning to go to college, but in a field that does not require calculus. Students will learn to collect data, make predictions, read about studies, analyze data, discuss findings, and write explanations. Students will be engaged in activities and will use graphing calculators and/or statistical software programs. These activities will enable students to explore concepts such as variability, distribution, outlines, tendency, randomness, sampling, sampling distribution, confidence, significance, and experimental design. Students will be asked to interpret and explain data in addition to performing calculations.

031113 AP Statistics **Grade 11 & 12** **1.0 Cr.** **1.0 Weighted Value**

Prerequisite: 80% in Honors Algebra II or 90% in Algebra II

It is expected that a student taking this course will take the Advanced Placement exam offered in the spring for a fee, as this course is designed to prepare students for that exam.

The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. This course draws connections between all aspects of the statistical process, including design, analysis, and conclusions. Additionally, using the vocabulary of statistics this course will teach students how to communicate statistical methods, results and interpretations. Students will learn how to use graphing calculators and read computer output in an effort to enhance the development of statistical understanding.

Performance Standards: During this course, the student will be exposed to four broad conceptual themes and will be expected to demonstrate proficiency in:

- Exploring Data: Describing patterns and departures from patterns
- Sampling and Experimentation: Planning and conducting a study
- Anticipating Patterns: Exploring random phenomena using probability and simulation
- Statistical Inference: Estimating population parameters and testing hypotheses.

031204 AP Calculus AB **Grade 12** **1.0 Cr.** **1.0 Weighted Value**

Prerequisite: 80% in Pre-Calculus

It is expected that a student taking this course will take the Advanced Placement exam offered in the spring for a fee, as this course is designed to prepare students for that exam.

The topics covered in this course include plane analytic geometry; functions, limits and continuity; differentiation and integration of algebraic and trigonometric functions with applications.

Course offerings will be dependent on student interest.

Course Descriptions

MATHEMATICS ELECTIVE COURSES

031112 Discrete Math **Grade 10, 11 & 12** **.5 Cr.** **Unweighted Course**

Prerequisite: Algebra II

In this semester course, students will be exposed to different mathematical structures and their properties. This course will cover many topics that are related to algebra and geometry. Topics in this course include the Fibonacci Sequence, fractals, graph theory, tessellations, truth tables, set theory, and famous mathematicians. Other topics will include how math relates to art, music, and nature.

NATURAL SCIENCE CORE COURSES

040904 Survey of Scientific Principles 9 **Grade 9** **1.0 Cr.** **Unweighted Course**

This course will act as a stepping stone for the full year biology and chemistry high school science courses by giving students an opportunity to understand basic scientific principles and how they are interconnected. More importantly, students will develop scientific processing skills to gain a deeper understanding of scientific principles and foster independent learning.

040903 Biology **Grade 9 & 10** **1.0 Cr.** **Unweighted Course**

Prerequisite: Survey of Scientific Principles 9

Biology is a survey course designed to allow students to become familiar with the great variety of studies within the Biological sciences. Since it is impossible for students to become biological specialists in one year, the course presents the great themes of biology: organization, reproduction, continuity, energy, and adaptation. Special emphasis will be given to lab skills and ability to work cooperatively to solve biological problems. Model building, simulations and a wide variety of AV materials are used. Quality note taking will be emphasized. Biology is a required course for all 10th grade students.

041009 Honors Biology **Grade 9 & 10** **1.0 Cr** **0.5 Weighted Course**

New Course: Pending Board Approval

Prerequisite: 90% or higher in 9th grade science or by teacher recommendation.

Ignite your scientific curiosity and build a powerful foundation for your future STEM degree with Honors Biology. Designed specifically for students aspiring to pursue science, medicine, or engineering. Through laboratory investigations, data analysis, and fast-paced collaborative problem-solving, you will master the critical thinking and inquiry skills essential for future university-level science courses. Take the first confident step toward a career in science—enroll in Honors Biology and challenge yourself to explore the living world at a higher level!

041002 Chemistry **Grade 10 & 11** **1.0 Cr.** **Unweighted Course**

Prerequisite: Algebra I and Biology.

This course is a detailed study of the structure, composition, classification and changes of matter. Students will also learn skills in mathematical problem solving as well as information gathering and interpretation. Student evaluation will be based on tests, quizzes, written assignments, independent assignments, and lab reports. This class will count as a second lab science, with biology, for colleges or programs that require a certain number of lab sciences.

041206 Science Applications **Grade 11** **1.0 Cr.** **Unweighted Course**

Prerequisite: Biology

This course covers a range of topics involving science, design, and engineering. It is intended to be an in-depth, practical examination of hands-on concepts such as water quality, energy sources, microorganisms, and electrical circuits. Most of the grade will be made up of a series of research and design projects.

041103 Essential Science **Grade 12** **1.0 Cr.** **Unweighted Course**

Uses fundamental concepts of chemistry, physics, and environmental science. The course objectives will be taught through lectures, demonstrations, research, and hands on activities.

Course offerings will be dependent on student interest.

Course Descriptions

NATURAL SCIENCE ELECTIVE COURSES

041102 Physics **Grade 11 & 12** **1.0 Cr.** **Unweighted Course**

Prerequisite: 75% or higher in Chemistry and Geometry

This course covers the study of objects in motion, from the microscopic to the macroscopic, using mathematical models and inquiry-based lab activities. This includes predicting mini cannon ball flight paths, crashing battery cars into each other and making hair stand up with static electricity. If you are planning a career in the sciences, such as engineering or physical therapy, physics should be on your "must take" course list for high school. Check your future college course requirements in your major to see if you need physics. The course is meaningful to those students who plan a college career in science as well as those students who, while going to college, will concentrate on the humanities or social sciences. Physics is required for AP Biology and AP Chemistry.

041005 Advanced Astronomy (H) **Grade 10, 11 & 12** **.5 Cr.** **0.5 Weighted Value**

Prerequisite: 80% or higher in Survey of Scientific Principles 9

This is a project-based course that covers the following objectives: (1) teach students modern concepts in the observation of the universe, (2) teach students the methods of scientific thought by tracing the evolution of our modern concepts, and (3) trace the progress of astronomical events to current times.

041006 Meteorology (H) **Grade 10, 11 & 12** **.5 Cr.** **0.5 Weighted Value**

Prerequisite: 80% or higher in Survey of Scientific Principles 9

This course is intended for those students who have an interest in the weather, how it changes, why it changes, properties of the atmosphere and how it affects our lives. The course includes lectures, problem solving, physical science study of the atmosphere and an analysis of present weather conditions and forecasts. It is hoped that by the end of this course the student will have a much better understanding of the forces, properties and structure of our atmosphere, and therefore, a much better understanding of how much the weather and climate affect our lives.

041007 Oceanography (H) **Grade 10, 11 & 12** **.5 Cr.** **0.5 Weighted Value**

Prerequisite: 80% or better in Survey of Scientific Principles 9

The Basic Oceanography course is designed to introduce students to a wide variety of study areas dealing with the ocean environment. Several of the topics of discussion to be presented are the chemistry of sea water, ocean currents, sea floor sediments and features, sea floor spreading, the economic significance of the ocean and oceanographic careers.

041104 Physical Geology (H) **Grade 10, 11 & 12** **.5 Cr.** **0.5 Weighted Value**

Prerequisite: 80% or better in Survey of Scientific Principles 9

This course is a study of the composition of the earth and the physical processes which tend to alter and shape the surface of the earth. Laboratory includes field trips, the identification of common rocks and minerals, and the study and interpretation of topographic and geologic maps, and study of the geologic history of PA.

041203 Environmental Science (H) **Grade 11 & 12** **1.0 Cr.** **0.5 Weighted Value**

Prerequisite: 75% or better in Biology or teacher permission.

Environmental Science takes a hand-on and outdoor educational approach to discussing the core topics of forestry, soils, aquatics, and contemporary issues in the environment. Students will participate in outdoor learning experiences both on and off campus.

041202 AP Biology **Grade 11 & 12** **1.0 Cr.** **1.0 Weighted Value**

Prerequisite: Students must have an 85% or better in the following courses: Biology, Chemistry, and Algebra II. Students should be taking or have taken Statistics.

It is expected that a student taking this course will take the Advanced Placement exam offered in the spring for a fee, as this course is designed to prepare students for that exam.

AP Biology is equivalent to a two-semester introductory college Biology course taken by students majoring in a biological science. Students who are genuinely interested in pursuing a career in biological sciences or medical fields are especially advised to take AP Biology in high school. AP Biology provides students a significant advantage in college by allowing them to acquire a foundation in concepts and skills prerequisite to many college biological science courses. The ability to succeed in AP Biology gives students confidence and a knowledge base to be successful in future science classes.

041105 Forensic Science **Grade 11 & 12** **1.0 Cr.** **Unweighted Course**

Prerequisite: 80% or better in Biology or completion of Chemistry

Forensic Science is the application of basic biological, chemical and physical science principles and technological practices to the purpose of understanding the science used in crime investigation. Major themes of study in this course are observations, crime scenes, chromatography, forgery, counterfeiting, codes /ciphers, hair, fibers, fingerprinting, synthetic blood, DNA, anthropology, and time of death. We use case studies, crime scenes, discussions and laboratory work. This is a good course for anyone that enjoys crime mystery shows, likes science application or plans on a police/FBI/forensic career.

Course offerings will be dependent on student interest.

Course Descriptions

041204 AP Chemistry **Grade 12** **1.0 Cr.** **1.0 Weighted Value**

Prerequisite: 90% in Chemistry, 85% in 11th grade math and 85% in Physics ***or*** *with Chemistry teacher recommendation. Chemistry and Physics are required prior to taking the AP Chemistry course.*

It is expected that a student taking this course will take the Advanced Placement exam offered in the spring for a fee, as this course is designed to prepare students for that exam.

This course covers the material that a student would encounter in a college freshman chemistry course. There is a very strong emphasis on mathematical problem solving and chemical systems. This is a challenging course with a large volume of material to cover. Student evaluation will be based on tests, quizzes, written assignments, and individual lab notebooks.

041106 Anatomy and Physiology **Grade 12** **1.0 Cr.** **Unweighted Course**

Prerequisite: Students must have an 85% or better in in Biology.

Anatomy and Physiology is a study of the structure and function of the human body. This course is preparation for advanced biological studies, biomedical nursing, and other science-based careers. The course includes laboratory experiences and text-based activities provide student learning in the following topics: the major body systems; body functions in the healthy and disease status; muscle motion; cranial nerve function; and bioethics.

WORLD LANGUAGE

050901 German I **Grade 9, 10, 11 & 12** **1.0 Cr.** **Unweighted Course**

Prerequisite: 70 % or better average in English

This course introduces students to the German language, developing basic communicative skills in listening, speaking, reading, and writing. Additionally, students will engage in cultural explorations of German-speaking countries.

050902 Spanish I **Grade 9, 10, 11 & 12** **1.0 Cr.** **Unweighted Course**

Prerequisite: 70 % or better average in English

This course introduces students to the Spanish language, developing basic communicative skills in listening, speaking, reading, and writing. Additionally, students will engage in cultural explorations of Spain, Latin American countries and Spanish-speakers in the US.

051001 German II **Grade 9, 10, 11 & 12** **1.0 Cr.** **Unweighted Course**

Prerequisite: 70 % or better average in German I

This course continues the development of communication skills, as well as the exploration of cultural practices, products, and perspectives of German speakers. Thematic units include an emphasis on travel, leisure activities, and social situations.

051002 Spanish II **Grade 9, 10, 11 & 12** **1.0 Cr.** **Unweighted Course**

Prerequisite: 70% or better average in Spanish I

This course continues the development of communication skills, as well as the exploration of cultural practices, products, and perspectives of the Spanish-speaking world. Thematic units include an emphasis on travel, leisure activities, and entertainment.

051003 Spanish for Healthcare **Grade 10, 11 & 12** **.5 Cr.** **Unweighted Course**

Prerequisite: 80% or better average in Spanish II; Must be taken concurrently with Spanish III, IV, or upon completion of Spanish IV

This highly interactive course will include study of Spanish grammar and advanced vocabulary as it pertains to interpersonal interactions within the field of healthcare. Students will learn about perspectives and practices common in Spanish-speaking cultures, medical news and innovations, and employment trends occurring in the United States and other Spanish-speaking countries. Topics covered may include basic anatomy, emergency room and clinic interactions, and other situations common in the medical field. *This class will be offered on an every other year rotation*.

051101 German III **Grade 11 & 12** **1.0 Cr.** **Unweighted Course**

Prerequisite: 80% or better average in German II

This third level course encourages students to integrate the language skills already acquired while becoming interactive communicators. Students will focus on integrating more advanced grammatical structures and will further develop their awareness of German culture and society.

051102 Spanish III **Grade 10, 11 & 12** **1.0 Cr.** **Unweighted Course**

Prerequisite: 80% or better average in Spanish II

This third level course encourages students to integrate the language skills already acquired while becoming interactive communicators. Students further develop their awareness of cultural diversities in today's ever-changing society.

Course offerings will be dependent on student interest.

Course Descriptions

051201 German IV **Grade 12** **1.0 Cr.** **Unweighted Course**
Prerequisite: 80% or better average in German III
Students will focus on increasing proficiency in the four domains of language learning: listening, speaking, reading, and writing. Emphasis is placed on oral proficiency and advanced grammatical constructs.

051202 Spanish IV **Grade 11 & 12** **1.0 Cr.** **Unweighted Course**
Prerequisite: 80% or better average in Spanish III
Students will focus on increasing proficiency in the four domains of language learning: listening, speaking, reading, and writing, while increasing their understanding of Spanish-speaking cultures. Emphasis is placed on oral proficiency and advanced grammatical constructs.

051302 AP Spanish Language and Culture **Grade 12** **1.0 Cr.** **1.0 Weighted Value**
Prerequisite: 85% or better average in Spanish IV
It is expected that a student taking this course will take the Advanced Placement exam offered in the spring for a fee, as this course is designed to prepare students for that exam.
This challenging course is designed for motivated students who wish to continue their study of Spanish on an advanced level. Students will review a number of grammar points in order to learn to avoid common errors and pitfalls. Students will use more sophisticated language for oral and written communication and the interpretation of the spoken and written word.

BUSINESS EDUCATION & COMPUTER SCIENCE CORE COURSES

060909 Financial Literacy **Grade 11** **.5 Cr.** **Unweighted Course**
The semester-long Financial Literacy course covers all the essential personal finance topics necessary to become a financially capable student. By the end of this course, students will have a thorough understanding of personal finance topics and be prepared to handle the financial responsibilities that exist after graduation.

BUSINESS EDUCATION & COMPUTER SCIENCE ELECTIVE COURSES

060901 Computer Technology Applications **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**
In this class, students will learn how to apply the devices they use every day to solve problems and complete tasks. Skills learned throughout the course will prepare students, not only for their future core classes, but also for life after high school.

060903 Business Basics **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**
This class will acquaint students with the world of business. Throughout the course they will learn skills necessary to succeed in the business world. Topics introduced in this course include management, marketing, business law, international business, banking and finance, accounting, entrepreneurship and economics.

060907 Career Readiness **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**
Career Readiness is a course designed to prepare students to perform various job seeking functions. Students will explore their own interest and abilities, explore career choices, and develop an individualized career plan. Students will learn necessary job skill and the process used to acquire a job. Understanding how to be successful and maintain a job or career will be explored, as well as balancing your personal and professional life. Students will have the opportunity to explore specifics about different career clusters, as well as the option of being an entrepreneur.

060905 Accounting I **Grade 9, 10, 11 & 12** **1.0 Cr.** **Unweighted Course**
This course prepares students to develop the ability to analyze and record transactions and interpret the results of business operations from a financial standpoint. The student gains a wide background in business organization and procedures along with the related business terminology. It is designed as a beginning vocational course and provides a basic background for students preparing for an accounting field or for business careers. An excellent background course for all students, accounting can be taken for keeping personal records, for understanding the language of business, or for orientation to advanced study in business administration. The student will learn to understand business transactions, maintain journals and ledgers, make trial balances, and adjusting and closing entries, and prepare financial reports of the condition of the business.

Course offerings will be dependent on student interest.

Course Descriptions

061005 Accounting II **Grade 10, 11 & 12** **1.0 Cr.** **Unweighted Course**

Prerequisite: 70% or better in Accounting I

This course deals with corporate and partnership accounting and the many systems used. Departmental, payroll, adjustments, and control accounting are studied. Also, an effort is made to provide the student with a better understanding of the accounting cycle of a corporation. Students will also learn the accounting applications required for the structuring of corporations and how to create and evaluate financial statements, as well as financial management.

061009 Accounting III **Grade 11 & 12** **1.0 Cr.** **Unweighted Course**

Prerequisite: 80% or better in Accounting II

This course deals with corporate accounting and the many systems used. Students will start with departmentalized accounting and then learn about corporation and management accounting, before concluding with internal control and other organizational structures.

060908 Intro. to Financial Accounting **Grade 12** **1.0 Cr.** **Unweighted Course**

Formerly Accounting IV

Prerequisite: 90% or better in Accounting I, II, III or Financial Literacy

This course is a dual enrollment course earning you 3 college credits. Students can earn both high school credit and college credit (from the University of Pittsburgh) at the same time. The course covers all the essential concepts and techniques needed for college credit and content mastery. Topics covered will be introduction to accounting and financial statements, analyzing and recording transactions, fraud, internal controls, accounting for receivables inventory, long-term assets and statement of cash flows.

060906 Video Editing **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**

This course provides a comprehensive introduction to the fundamental principles and practices of videography. Students will learn the essential skills needed to plan, shoot, and edit compelling video content. Topics covered include camera operation, shot composition, lighting techniques, audio recording, and the basics of video editing software. Through hands-on exercises, students will gain practical experience and develop a foundational understanding of the creative and technical aspects of visual storytelling.

061103 Advanced Video/Broadcast Journalism **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**

Prerequisite: 80% or better in Video Editing

Students may re-enroll in this course in subsequent semesters to accumulate additional credit hours.

Students will master the operation of a professional studio—including cameras, video switchers, audio mixers, and non-linear editing software—to produce the NLHS TV morning announcements. Throughout the semester, students will rotate through essential production roles such as director, technical director, camera operator, and talent.

Beyond the studio, students develop field production skills by recording school events, athletic games, and dramatic performances using mobile gear. The curriculum emphasizes effective communication, the history of media, and the ethical responsibilities of modern journalism.

060904 Marketing **Grade 10, 11 & 12** **.5 Cr.** **Unweighted Course**

Prerequisite: 70% or better in Business Basics

Students will explore the basics and the process of planning, pricing, promoting, selling, and distributing ideas, goods, or services to create exchanges that satisfy customers. The significance of technology in marketing and the crucial role ethics plays in any business endeavor will be studied. Students will focus on the most current topics in marketing. Students in a simulation will run their own franchise and grow their business. Students that are motivated by current trends in the marketplace are urged to take this course.

061003 Web Design **Grade 10, 11 & 12** **.5 Cr.** **Unweighted Course**

Prerequisite: 70% or better in Computer Technology Applications

Web Design is an innovative course that focuses on teaching the basics of Web Page Design through an online interface. Proper Organization of a website, creating, coding, and publishing will be explored. This course is designed as a survey of elementary design principles found on most business, sports, school, and personal web pages and sites. Popular websites will be examined throughout the course. Various objects such as tables, images, forms, links, and text will be used to create websites. Students will use XHTML, and CSS to create websites. Students will also gain an insight into career options associated with graphic design and website creation. This course will make students more computer-savvy and better prepare them for future coding, programming, or design courses, as well as advanced Web Design courses.

061107 Business Law **Grade 10, 11 & 12** **.5 Cr.** **Unweighted Course**

Prerequisite: 70% or better in Business Basics

This course is designed to familiarize the student with the law as it affects business personnel and social activities. A study of basic legal principles and procedures in addition to such topics as the origin and kinds of law, the law of contracts and their ratifications, sales, commercial paper, and of agency and employment will provide the student with an understanding of the rights and duties of individuals and businesses. Introduction to law and legal reasoning while learning the legal and social environment of business, will be targeted as a main focal point. Students will learn about federal, state and local laws, the court system and the legal process, negotiable instruments, and banking procedures, securities laws and much more.

Course offerings will be dependent on student interest.

Course Descriptions

101028 Entrepreneurship **Grade 11 & 12** **1.0 Cr.** **Unweighted Course**

Prerequisite: 70% or better in Marketing, Accounting I, or Industrial Materials & Processes.

This course is designed to introduce students to the concept of entrepreneurship. The course will take learners step-by-step through the entire process of owning their own business. Students will take learners step-by-step through the entire process of owning their own business. Students will select a product or service to sell, determine who potential customers are, learn how to market the business, obtain financing, manage employees, and develop a working business plan. This class will allow learners to demonstrate mastery of entrepreneurial concepts while they create a business plan for an enterprise of their choice.

061007 Computer Programming **Grade 10, 11 & 12** **.5 Cr.** **Unweighted Course**

This course will cover various languages of computer programming through practical applications. Students will be introduced to the industry standard methods of programming through fun and innovative projects that will cover the basics of Grapher User Interface and Python.

FINE ARTS

070909 Concert Choir **Grade 9, 10, 11 & 12** **.5-1.0 Cr.** **Unweighted Course**

This course is for students who enjoy singing in a group setting. The choir will be studying and performing a wide variety of music and develop an understanding of the conventions of choral singing. Students selecting this course do NOT have to audition for the instructor. Students are expected to participate in the Christmas Concert and Spring Concert as well as other community events. Students will also be allowed to participate in other ensemble groups such as district, regional, and state choirs. The teacher may call for additional evening practices, provided such rehearsals are announced at least five school days in advance.

070904 Music Theory **Grade 9, 10, 11 & 12** **1.0 Cr.** **Unweighted Course**

Any serious music student must study music theory. This course is designed to present the fundamental concepts of music in a manner that will prepare graduates to succeed in college level music courses. It is highly recommended for both vocal and instrumental music students who are interested in pursuing a career in music education or performance. The course requires knowledge of the basic musical elements such as key signatures, note identification and note value. A background in music is preferable. Students should be prepared to write music every day.

070905 Band (Instrumental Music) **Grade 9, 10, 11 & 12** **1.5 Cr.** **Unweighted Course**

Band members may have sectional rehearsals on a rotating basis, subject to acceptable grades (2.0 or above) and the concurrence of the subject area teacher. An ability to perform is necessary. Those enrolled in Band are expected to perform as part of the marching band. Students will perform at the Christmas Concert, Spring Concert and community parades. Students participating in Instrumental Music will be allowed to participate in ensemble groups, jazz band, district, regional and state events. The teacher may call for additional evening practices, provided such rehearsals are announced at least five school days in advance.

070907 Piano - Beginner **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**

Students who already have a background in piano, who are currently taking piano lessons and understand basic note reading and music theory skills ***should not take the Beginner Piano course****. This course is designed for students with little or no knowledge of the piano.*

This is a beginning keyboard class designed to teach students the fundamentals of playing the piano. This will be an independent workshop class geared toward training the beginning piano student. Students will start with an introduction of the basics of piano technique and continue throughout the year working independently to increase piano skills. Each student will work at his/her own pace.

070908 Piano - Intermediate/Advanced **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**

Prerequisite: 75% or better in Piano – Beginner or playing test with instructor. Students who have taken lessons and have a basic knowledge of the piano or students who are currently taking piano lessons may also take this class.

This is an intermediate to advanced keyboard class. Students enrolled in this class must have experience at the piano beyond beginner skills. They must demonstrate knowledge of scales, chords, correct fingerings, and be able to play music at an intermediate level. Students will work independently to increase sight-reading ability, score reading, choral accompaniment and also be required to prepare pieces for performance in classroom recitals. Students will study a wide repertoire of music from each historical period and genres specific to the periods, including popular music.

070910 History of Popular Music **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**

This course traces the history of popular music from its beginning roots in Tin Pan Alley to the present. Students will study a wide repertoire of music from each decade and genres specific to these years. There will be detailed discussions, presentations, tests, and papers required for each chapter.

Course offerings will be dependent on student interest.

Course Descriptions

070911 Jazz Studies **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**
This course traces the history of jazz music from its roots in New Orleans to the present. Students will study a wide repertoire of music from each decade and genres specific to these years. This course also includes lessons in music theory as pertaining to jazz music, as well as the application of the lessons to the students' instruments.

070901 Fundamentals of Art **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**
This elective art course serves as an introduction to the senior high fine arts program and is a prerequisite for all subsequent art courses. It encompasses the study of art appreciation, art history, drawing, sculpture, painting, and aesthetics. Students will engage with a variety of media and techniques throughout their projects. Successful completion of this course will prepare students for upper-level art classes. In class, students are expected to be innovative and productive, with problem-solving and creativity being essential components for success in both production and evaluation. Motivation is key to achieving their goals. The course format includes lectures, discussions, demonstrations, participation, research, and hands-on production. Additionally, students are required to maintain a sketchbook outside of class.

071001 Drawing & Design I **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**
Prerequisite: 70 % or better in Fundamentals of Art
071103 Drawing & Design II **Grade 10, 11 & 12** **.5 Cr.** **Unweighted Course**
071104 Drawing & Design III **Grade 10, 11 & 12** **.5 Cr.** **Unweighted Course**
Prerequisite: 80% or better in the previous level Drawing & Design course for II or III
Students will engage with diverse media and techniques to create a minimum of eight projects each semester. These projects will provide insights into various career paths and their educational prerequisites. A motivated student will experience a deeper appreciation for the visual arts upon completing the course. Aesthetics are crucial for success in this field. In class, students are expected to be innovative and productive, with problem-solving and creativity being essential for both production and evaluation. Motivation is key to achieving success. Additionally, maintaining a sketchbook outside of class is a requirement.

071002 Painting I **Grade 10, 11 & 12** **.5 Cr.** **Unweighted Course**
Prerequisite: 80% or better in Fundamentals of Art
071003 Painting II **Grade 10, 11 & 12** **.5 Cr.** **Unweighted Course**
071004 Painting III **Grade 11 & 12** **.5 Cr.** **Unweighted Course**
Prerequisite: 80% or better in the previous level Painting course for II or III
The Painting course builds on the foundational skills acquired in prerequisite classes. Students will encounter a variety of new painting processes and techniques, with an emphasis on creative expression and aesthetic appreciation at a more advanced level than in Fundamentals of Art. This course is structured to present the fundamental concepts of painting, equipping students for success in college-level art programs. It is highly recommended for those interested in pursuing painting in college or as a career. Studio work is a vital aspect of this elective painting program. Students will explore various paints, techniques, and surfaces, completing 6-8 paintings each semester. This course is designed to ignite students' passion for painting and foster a deep appreciation for the art form.

071101 Sculpture I **Grade 10, 11 & 12** **1.0 Cr.** **Unweighted Course**
Prerequisite: 80% or better in Fundamentals of Art
071109 Sculpture II **Grade 11 & 12** **1.0 Cr.** **Unweighted Course**
Prerequisite: 80% or better in Sculpture I
The Sculpture course is designed to enhance students' understanding and skills in manipulating a diverse array of sculptural materials. Throughout the year, you will explore mediums such as plaster, celluclay, and clay, empowering you to transform your artistic visions into tangible creations. A significant emphasis will be placed on clay, where you will engage in both hand-building techniques and wheel throwing. Additionally, we will journey through the captivating history of sculpture by examining the works of celebrated sculptors and their masterpieces. This exploration will enrich your appreciation for the art form and its evolution over time. Your learning experience will be further enhanced through thought-provoking essays and assessments, fostering a deeper connection to the material. Active participation is essential! Each class will incorporate a vibrant mix of lectures, discussions, demonstrations, research, and hands-on production. Whether you are crafting your own masterpiece or exchanging insights with classmates, every session promises to be both engaging and enriching. Sculpture class offers a unique opportunity to express yourself and cultivate your artistic voice!

Course offerings will be dependent on student interest.

071102 Illustration I **Grade 10, 11 & 12** **.5 Cr.** **Unweighted Course**
Prerequisite: 80% or better in Fundamentals of Art
071106 Illustration II **Grade 10, 11 & 12** **.5 Cr.** **Unweighted Course**
071107 Illustration III **Grade 11 & 12** **.5 Cr.** **Unweighted Course**
Prerequisite: 80% or better in the previous level Illustration course for II or III
This course builds upon the foundation laid in prerequisite classes, allowing students to explore a wide array of innovative processes and techniques. This class emphasizes advanced creative expression and aesthetic appreciation, pushing students to elevate their artistic skills. In this dynamic environment, you'll cultivate your innovation and productivity—qualities that are not only essential in the art world but also highly valued in the corporate sector. Success in illustration requires both skill and motivation, and any serious art student will benefit from a solid grounding in art theory. Designed to equip you for college-level art courses, this class is highly recommended for anyone looking to pursue a career in illustration or graphic design. The art industry is diverse and competitive, and this elective offers a unique opportunity to apply your artistic knowledge in a production-focused setting. Throughout the semester, you'll complete 6-8 engaging projects, including designing and producing posters, corporate logos, packaging, and book illustrations. These hands-on experiences will provide you with valuable insights into the various career paths in illustration and their educational requirements. Join us in this exciting journey to unleash your creativity and prepare for a successful future in the world of art!

FAMILY & CONSUMER SCIENCE

080901 Intro. to Family Studies **Grade 9** **.5 Cr.** **Unweighted Course**
This course focuses on skills needed for life in the areas of relationships and family dynamics. Students will emphasize quality personal, child and family relationship skills and will develop skills and activities that can be used when working with children.

080902 Intro. to Food & Nutrition **Grade 9** **.5 Cr.** **Unweighted Course**
This course will focus on all aspects of nutrition and digestion and food preparation. Students will also discuss beginning meal planning principles and have the opportunity to prepare basic meals.

080903 Intro. to Design **Grade 9** **.5 Cr.** **Unweighted Course**
This course will focus on the selection of clothing and housing. In the area of fabric and textiles, the selection of clothing and techniques involved in the construction of a garment are examined. Housing choices and floor plans will be evaluated. Students will design a bedroom. All clothing project materials are the responsibility of the students.

081001 Basic Design **Grade 10, 11 & 12** **.5 Cr.** **Unweighted Course**
This introductory course examines basic design principles in the areas of fabrics and textiles along with housing. In the area of fashion, the selection of clothing and basic techniques involved in the construction of a garment are examined. The housing area will include housing choices, principles and elements of design and the designing of an apartment, in addition to rooms for special needs. All clothing project materials are the responsibility of the student.

081002 Intermediate Design **Grade 10, 11 & 12** **.5 Cr.** **Unweighted Course**
Prerequisite: Basic Design
This class will include activities that stress design fundamentals, color theory, visual merchandising and career portfolio development within the fashion and interior design areas. Students will use computer-aided design (CAD) in both the fashion and housing areas. All fashion materials and costs are the responsibility of the student.

081101 Advanced Design I **Grade 11 & 12** **.5 Cr.** **Unweighted Course**
Prerequisite: Intermediate Design
This course builds on its prerequisite Intermediate Design. Students will explore the history and psychology of fashion. The history of architecture and furniture styles are the areas of focus in housing. Students will use computer-aided design (CAD) in both the fashion and housing areas. Students are responsible for the cost of clothing project materials.

081009 Advanced Design II **Grade 11 & 12** **.5 Cr.** **Unweighted Course**
Prerequisite: Advanced Design I
Advanced Design II builds on its prerequisite Advanced Design I. This course will focus on the principles of design and skills of construction. Students will design their own patterns as well as a mock website for their product line. Advanced construction skills will be highlighted. All clothing project materials are the responsibility of the student.

081003 Basic Culinary Skills **Grade 10, 11 & 12** **.5 Cr.** **Unweighted Course**
This semester course will explore in detail food safety, kitchen math and measuring, culinary trends, and food preparation as well as consumer choices when dealing with food. Basic food preparation for breakfast, lunch and dinner are included in this hands-on course. A variety of careers in the culinary arts are explored.

Course offerings will be dependent on student interest.

Course Descriptions

081004 Culinary Expressions **Grade 10, 11 & 12** **.5 Cr.** **Unweighted Course**
Prerequisite: Basic Culinary Skills
Students will explore the science of baking and sugar cookery. Skills will be developed in the hospitality and specialty areas of the culinary arts with hands-on experiences.

081102 Food and Culture **Grade 10, 11 & 12** **.5 Cr.** **Unweighted Course**
Prerequisite: Basic Culinary Skills
Students will learn meal planning for individuals and families, budgeting techniques, and food preparation skills. Students will explore food and cultures around the United States and the world. *ServSafe instruction may be included in course content.*

081006 Child Development and Parenting **Grade 10, 11 & 12** **.5 Cr.** **Unweighted Course**
Child Development is a semester course dealing with parenthood, pregnancy, infancy and toddlerhood. This course provides many hands-on experiences and simulations in decision-making and childcare techniques.

081007 Preschool Possibilities **Grade 10, 11 & 12** **.5 Cr.** **Unweighted Course**
In this area of study, students concentrate on the preschool age child and the many areas of his/her emotional, social, mental, and physical development.

081103 Early Childhood Experience **Grade 10, 11 & 12** **.5 Cr.** **Unweighted Course**
Prerequisite: Child Development & Parenting or Preschool Possibilities
Introduction to the practical knowledge and skills needed to organize, set up, and manage an early childhood classroom designed to establish responsible, productive, and cooperative behavior in young children. Divided into four main areas: the study of the child's environment, the schedule, appropriate communication and positive child guidance.

081201 FCS Field Experience **Grade 12** **.5 – 3.0 Cr.** **Unweighted Course**
Prerequisite: Successful completion of 3 pathway courses
This course is designed to allow students the opportunity to work with professionals in the areas of Family Studies, Food & Nutrition and Design.

AGRICULTURAL EDUCATION

9th Grade:
- Students **must** select Elements of Agri-Science

10th, 11th, 12th Grade:
- To select Ag classes in 10th – 12th, students must have passed the Elements of Agri-Science course with a 70% or higher
- One half credit of Supervised Agriculture Experience (SAE) must be selected each year throughout Grades 9-12
- Each school year students can select a maximum of two courses other than SAE.
- Depending on class space and teacher approval, other courses may be added
- For more information, contact Mrs. Balmer or Ms. Boltz.

090901 Elements of Agri-Science **Grade 9 & 10** **1.0 Cr.** **Unweighted Course**
This course is a prerequisite for all Agriculture courses and must be passed with a 70% to take additional classes
This course is designed to give students a basic overview of agri-science along with the many career and study options available. Students will participate in animal, plant, soil, and food science activities as well as agriculture mechanics, aquaculture, and wildlife management. Supervised Agricultural Experience Project (SAEP), FFA, and leadership activities will also be incorporated into this course.

091008 Supervised Agriculture Experience **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**
Students will have the opportunity to receive .5 credit per year for work done outside of school in one of the six Pennsylvania approved record books. A minimum of 120 hours must be logged to meet the basic time requirements. Record books will be evaluated regularly. (This course must be elected each year along with any AG course.)

090904 Aquaculture, Wildlife & Forestry Management **Grade 10, 11 & 12** **1.0 Cr.** **Unweighted Course**
Prerequisite: Elements of Agri-Science
This course combines the study of fish production with wildlife and forestry management. Students learn the techniques and process involved in the successful production and marketing of fish and fish products. Students will gain practical experience in raising freshwater fish from early growth stages to harvest size. This course will also cover identification, population control, and habitat production of Pennsylvania's wildlife. In forestry management, students will cover tree identification and biology, woodland management, and forest products.

Course offerings will be dependent on student interest.

Course Descriptions

091001 Small Animal Science and Care **Grades 10, 11 & 12** **1.0 Cr.** **Unweighted Course**

Prerequisite: 70% or better in Elements of Agri-Science

This course is designed to give students a working knowledge of poultry, the laboratory animal, a veterinary assistant, and pet industries. This course will include the care and management of cats, dogs, and laboratory animals. Areas of study include nutrition, feeding, reproduction, selection, and animal health.

091002 Large Animal Science and Production **Grade 10, 11 & 12** **1.0 Cr.** **Unweighted Course**

Prerequisite: 70% or higher in Elements of Agri-Science

Students will explore the science and industry of dairy, beef, sheep, and swine. Areas of study will be nutrition, feeding, reproduction, selection, animal health, consumer trends and markets. This course includes the care and management of certain species utilizing our pole barn. This course satisfies requirements as a Large Animal Science Electives or 3 credits within restricted electives to students planning to attend Delaware Valley University.

091003 Greenhouse/Landscape Design/Plants and Soil **Grade 10, 11 & 12** **1.0 Cr.** **Unweighted Course**

Prerequisite: 70% or higher in Elements of Agri-Science

This course will teach students how to produce plants in a greenhouse then design and maintain them in a landscape. Students will care for poinsettias, mums, lilies, vegetables and other spring flowers while learning the principles and practices of commercial plant and flower production. Students will be introduced to plant growing structures and their management, growing media, plant propagation, environmental factors, water, nutrients, floral design, and pest management. Students will identify trees and shrubs, use landscaping tools, and learn the proper techniques of selecting and installing plant materials while discussing landscape design, installation, maintenance, and the use of plants in a landscape. This course will also include the basics of soil science and crop production. Students will study soil formation, pH, fertility, fertilizers, soil conservation, and land use. Selection, environmental concerns, processing, storage, marketing, and selling of crops along with pest management will also be included in this course.

091005 Floriculture **Grade 10, 11 & 12** **1.0 Cr.** **Unweighted Course**

Prerequisite: 70% or higher in Elements of Agri-Science

This course is designed to prepare students for the floriculture and commercial plant sales business. In this course students will be learning the basics of floral design, care and handling of flowers and foliage and the use of equipment, supplies and tools needed in the industry. The course will cover interior and exterior design concepts utilized in small and large scale floriculture displays, along with information regarding the floriculture industry.

091007 Ag Leadership and Career Development **Grade 10, 11 & 12** **1.0 Cr.** **Unweighted Course**

Prerequisite: 70% or higher in Elements of Agri-Science

This course will focus on the fundamentals of group and individual leadership along with workforce skills. Student will exhibit these skills as they participate in teambuilding activities, research a debate, prepare a public speech, plan and organize FFA fundraisers and events, and establish a mock small business. Enrollment is recommended for all FFA officers and any member interested in having a leadership role in FFA or a future career.

091102 Food Science and Biotechnology **Grade 11 & 12** **1.0 Cr.** **Unweighted Course**

Prerequisite: 70% or higher in Elements of Agri-Science

This course begins with an exploration of Pennsylvania's food industry and advances into topics relating science to the production and processing of food. Several hands-on experience will demonstrate the science behind food processing and preservation methods for home use. This course will also include techniques and practices used in biotechnology that will enhance or improve agriculture. Through hands on activities, students will demonstrate genetic engineering, recombinant DNA technology, embryo transfer, and tissue culture.

091009 Veterinary Science **Grade 11 & 12** **1.0 Cr.** **Unweighted Course**

Prerequisite: Large Animal Science and Production.

Will be offered in 2028-2029, will not be offered in 2027-2028

This course is designed to build on the material that is covered in Large Animal Science and Production. Areas of study include anatomy, physiology, nutrition, reproduction, disease and animal health. This course will go into basic knowledge of Veterinary Science. *This class will be offered on an every other year rotation.*

Course offerings will be dependent on student interest.

Course Descriptions

APPLIED TECHNOLOGY and ENGINEERING

101011 Digital Photography I **Grade 9, 10, 11 & 12** **1.0 Cr.** **Unweighted Course**

12th grade students may take this course with teacher permission

Designed to provide students an opportunity to explore photography using digital equipment and accessories. Students will develop an understanding of the setup and use of digital cameras as well as an in-depth exploration in camera settings, controls, and operation. Activities may include using focus correctly, adjusting exposure, correcting color, adjusting ISO speeds, and others to help better understand how to control light. A large portion of time will be spent performing hands-on activities and exercises to help students develop first-hand knowledge as to the inner working of the photography process. Students will be required to capture images both during class as well as outside of school hours to properly satisfy the requirements of the course with attendance and participation a necessity. Functions related to photography will also be learned, which may include in transferring, storing, organizing, and manipulating digital files. Part of the experience will entail learning and using editing software such as Photoshop. *Priority for admittance to this course will begin with freshmen and sophomores. Seniors may be admitted with teacher permission.*

101013 Digital Photography II **Grade 10, 11 & 12** **1.0 Cr.** **Unweighted Course**

Prerequisite: 80% or higher in Digital Photography I

This course is designed to develop skills related to the application of digital photography across a wide assortment of environments and activities. Students must possess a reasonable understanding of camera operation and settings prior to taking this course. This course will be hands-on and require projects and assignments to be conducted outside of school. Participation will be critical to the successful completion of the course with the expectation students will be taking pictures on a weekly basis and be able to make time as needed. Students will develop knowledge of high-level techniques and skills including but not limited to: full manual shooting mode, creative custom projects, photo journalism, studio lighting and controls, using an SLR, and applications of photographs. Students will continue gaining skills related to Photoshop and advanced digital editing techniques. It is highly recommended that students have access to an SLR type camera outside of school.

101015 Graphic Design I **Grade 9, 10, 11 & 12** **1.0 Cr.** **Unweighted Course**

12th grade students may take this course with teacher permission

This course is designed to explore the fundamentals of design and how to develop effective communications. Students will develop an understanding of the principles that help guide the creation of effective design work and how to enhance through the use of elements and creativity. Student will explore various types of image files and develop an understanding of the difference between raster versus vector image file types. Students will explore various programs including but not limited to: Adobe Photoshop, Adobe InDesign, Adobe Illustrator, Microsoft Office, and several others. Students will gain a diverse knowledge base of design applications as a result of a wide assortment of hands-on projects and assignments. Example experiences in this course may include: image collage, text poster, magazine cover, custom illustration, yearbook page, CD cover, notepad, screen print, logo design, business letter, product label, etc. A prerequisite for Applied Journalism- School Yearbook. *Priority for admittance to this course will begin with freshmen and sophomores. Seniors may be admitted with teacher permission.*

101021 Graphic Design II **Grade 10, 11 & 12** **1.0 Cr.** **Unweighted Course**

Prerequisite: 80% or higher in Graphic Design I

Designed for students who have successfully completed the Graphic Design 1 course and wish to continue exploring additional areas incorporated in design. Students will explore several main areas that are more geared to the application and production side of graphic design including desktop publishing, web design, screen printing, vinyl applications, etc. Students will become familiar with various types of output and finishing application and gain additional experience using a wide variety of software.

101038 Graphic Design III **Grade 11 & 12** **1.0 Cr.** **Unweighted Course**

Prerequisite: 80% or higher in Graphic Design II

Must complete resume and participate in interview process prior to completion of current school year.

This course will be new for 2015-16 school year as an opportunity for students to develop and operate a printing and graphics business enterprise. Students will be involved in screen printing, vinyl applications, graphic development, pricing, thermal transfers, clean-up, and production. Students will need to be available before and after school based on the available work and deadlines of jobs. Students will need to complete a resume and interview process to be considered for one of the available 6 positions where the instructor (panel) has final selection over the applicants. This class will be set-up as a double period and will meet concurrently with other graphics classes. Students will also participate as instructional and lab assistants for the level 1 and level 2 graphics courses. Students must possess a positive attitude, good work ethic, and high degree of dedication to be considered for the positions. A large portion of the work that will be conducted throughout the school year and course will have monetary ($$$) implications and must be taken seriously where failure is not an option.

Course offerings will be dependent on student interest.

Course Descriptions

011104 Applied Journalism - School Yearbook **Grade 9, 10, 11 & 12** **1.0 Cr.** **Unweighted Course**

**Prerequisite - Digital Photography I, Graphic Design I, or Teacher Permission*

*****Students will need to get the entrance assignment May 1st and complete it before the last day of school***

Students may re-enroll in this course in subsequent semesters to accumulate additional credit hours.

Students will be a part of designing and developing the high school yearbook through the application of photography, page layout, graphic design, and desktop publishing. Students will be required to participate in journalist activities including gathering information, researching, interviewing, and writing. Students will need to be available both during school and after school as events require coverage. Students will be required to complete an entrance assignment to be considered for the course and is limited to 14 applicants (teacher's discretion) prioritized for available spaces as follows: seniors, returning students, students who satisfied prerequisites, juniors, sophomores, and freshmen to fill available spaces first. A half year experience will be considered if circumstances warrant.

100901 Applied Technology **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**

This semester-long course is designed to introduce students to the world of technology through hands-on exploration of current technologies. Students will explore various units of study that may include, but are not limited to, race car prototype design and testing, residential electricity control, transportation technology, 3D computer modeling and printing, computer aided drawing and engineering design.

101008 Introduction to Technological Design **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**

This course is designed as an introduction to drafting and three-dimensional modeling. The course stresses the importance of drafting and modeling to industry. Traditional topics will include: use and care of drafting equipment, lettering, measurement, geometric construction, dimensioning, and other drafting techniques used to make technical drawings. Computer Assisted Design & Drafting (CADD) will be introduced and used for most of the student work in the class. Industry recognized SolidWorks as well as Chief Architect software will be utilized for two-dimensional mechanical design and 3- dimensional solid modeling activities. Students will also be introduced to a variety of design output techniques using the departments Epilog Helix Laser engraver and 3D printers.

101018 Introduction to Architectural Design **Grade 10, 11 & 12** **.5 Cr.** **Unweighted Course**

This course is designed as an introduction to architectural drafting, design and solid modeling of a residential home. The class will focus on the principles, concepts, and use of complex graphic and visualization tools as applied to architectural drawing and design. The broad intent of the course is to help students become technologically literate, working within the context of science, technology, engineering, and mathematics (STEM). Traditional topics will include: basics of architectural design and drawing, use of manual drafting instruments, freehand sketching techniques, use of contemporary computer aided drafting and design (CADD) software, and application of originality and innovative thoughts in design. Industry recognized architectural design CADD software will be introduced and used for many of the design problems completed in the course.

101019 Engineering Drafting & 3D Modeling **Grade 10, 11 & 12** **1.0 Cr.** **Unweighted Course**

Formerly: Computer Aided Drafting Design (CADD)

Prerequisite: 70% or higher in Introduction to Technological Design or Applied Technology

An intermediate level course designed for students who require more than a cursory experience in computer aided drafting and solid modeling design practices. Students will progress to in-depth mechanical drafting and solid modeling techniques and design considerations including the application of mechanical drawing standards. Additionally, students will explore various output methods through use of an Epilog Helix Laser, uPrint SE Plus 3D printer, and large format plotter to solve unique technological problems and projects.

101028 Entrepreneurship **Grade 11 & 12** **1.0 Cr.** **Unweighted Course**

Prerequisite: 70% or higher in Marketing, Accounting I, or Industrial Materials & Processes.

Students will explore manufacturing, product design, and entrepreneurial curriculum through the development of an imaginary small business. Within this context, students will learn principles of business management, manufacturing systems and entrepreneurship through the development of a business plan and the design, marketing, manufacture, and sale of a consumer product. This hands-on, applied course is appropriate for students pursuing a traditional or technical pathway in any of the career clusters. The course focus will be to meet both PA Standards for Career and Work, as well as Science and Technology and Engineering Education.

Course offerings will be dependent on student interest.

Course Descriptions

100902 Small Gas Engine & Car Maintenance **Grade 10, 11, & 12** **.5 Cr.** **Unweighted Course**

The Small Gas Engine & Car Maintenance course is designed to provide students an experience learning about how small gas engines work including part identification, tools and equipment, assembly, applications, troubleshooting, and general maintenance. Students will participate in a hands-on sequence of activities and class projects related to the successful operation of a small gas engine. Students will also learn about supplemental content including fine measurement, engine systems and controls, alternatives to 4-Stroke engines, and the various types of output engines are used for. The hands-on portion of the course will require the use of tools and students will actively participate in the tear down, investigation of, reassembly, and diagnostics of a real engine. There will be contact with oil, fluids, tools, and parts that may be dirty at times. The car maintenance portion of the course will have students explore various general maintenance concepts and materials for automobiles. These will be geared around things an average person with basic tools and knowledge can do in a garage or driveway. Activities including but not limited to may include changing oil, rotating tires, replacing filters, and diagnosing problems.

101029 Industrial Materials & Processes **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**

This course is a prerequisite for: Wood Materials I, and Metallic Materials

A project lab fee is required

Materials & Processes is structured to provide students with an introduction to construction and manufacturing. This course will utilize the correct use of hand tools, hand-held power tools and stationary power tools. Wood, metal, and other materials common to construction and manufacturing will be utilized to create the primary focus of this course. To accomplish this goal, students will participate in hands-on learning, problem solving, and teamwork activities of which will culminate in a major project. These activities will expose the students to skills needed in upper-level industrial materials and manufacturing courses. This course will have a final project lab fee.

101030 Wood Materials I **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**

Prerequisite: Industrial Materials & Processes

A project lab fee is required

This class will focus on a variety of industrial tools, machines, materials & processes. Students will complete a variety of projects using wood materials. Individualized instruction and classroom instruction will be utilized throughout this course. Examples include but are not limited to: hand and power tool use, measurement and layout, applied math, product design, material estimating and calculation, product marketing, material properties, product fabrication, basic wood joints and machine & tool maintenance. Students will complete a major Shaker-styled furniture project involving multiple steps and procedures. This course will have a final project lab fee.

101032 Metals and Welding I **Grade 11 & 12** **.5 Cr.** **Unweighted Course**

Formerly: Metallic Materials

Prerequisite: Industrial Materials & Processes

A project lab fee is required

This class will focus on a variety of metal working machines & welding processes. Students will complete hands-on projects using metallic materials. Individualized laboratory and classroom instruction will be utilized. Topics will include but are not limited to: hand and power tool use, mechanical fasteners, measurement and layout, applied math, product design, material estimating and calculation, material properties, product fabrication, basic welding, and machine & tool maintenance. This course will have a final project lab fee.

101031 Wood Materials II **Grade 10, 11 & 12** **.5 Cr.** **Unweighted Course**

Prerequisite: 80% or higher in Wood Materials I

A project lab fee is required

This course will focus on advanced use of hand tools, power tools and stationary wood working machines. Students will have the opportunity to complete a variety of projects using wood materials. Students in this course are expected to be self-driven and be able to work semi-independently. Students will complete a major furniture project involving case construction with multifaceted procedures. This course will have a final project lab fee.

101033 Metals and Welding II **Grade 11 & 12** **.5 Cr.** **Unweighted Course**

Prerequisite: 80% or higher in Metals and Welding I

A project lab fee is required

Welding Technologies will focus on various forms of welding currently that are currently being used in manufacturing & construction. Welding systems such as GMAW, GTAW, SMAW and gas welding will be taught as well as torch cutting, brazing, soldering, plasma cutting, and light metal fabrication. Students are responsible for sourcing their materials for their final project. This course will have a final project lab fee.

Course offerings will be dependent on student interest.

Course Descriptions

101101 Advanced Wood Technology **Grade 11 & 12** **1 Cr.** **Unweighted Course**
Prerequisite: 70% or higher within Wood Materials II or Instructors Permission
A project lab fee is required
This course is designed as an advanced Woodworking course and will provide students opportunity to work toward intermediate and advanced understanding of wood materials applications Traditional topics may include: project design, creating working drawings, common woodworking joints, tool and machine processes, assembly procedures, jigs and fixtures, and finishing techniques. As a capstone class, students are expected to be self-driven and be able to work semi-independently. There is a research and development (R&D) component to this course. This course will have a final project lab fee.

HEALTH AND PHYSICAL EDUCATION

110901 Physical Education **Grade 9, 10 & 11** **.5 Cr.** **Unweighted Course**
This Physical Education course is designed to allow each student the opportunity to develop the knowledge and the skills necessary to maintain a physically active and healthy lifestyle. The Physical Education course is one in which there is a wide variety of individual and team sports, with an emphasis on "lifetime sports" and aerobic fitness. Four indicators will be used to assess students in health-related fitness. Principles of exercise, fitness, and movement skills will also be addressed. *A goal of the physical education curriculum is to ensure that all students have satisfied the 1.5 credits of physical education by the end of their 11th grade school year. 12th grade students are placed into a phys ed. course only if they had not yet satisfied the graduation requirement of 1.5 credits.*

110902 Fitness and Weight Training **Grade 10, & 11** **.5 Cr.** **Unweighted Course**
This course will focus on the use of weight training for improvement in shape and strength combined with aerobic activity. Strength and knowledge of correct lifting and safety in lifting will be stressed. *A goal of the physical education curriculum is to ensure that all students have satisfied the 1.5 credits of physical education by the end of their 11th grade school year. 12th grade students are placed into a phys ed. course only if they had not yet satisfied the graduation requirement of 1.5 credits.*

111002 Advanced Fitness & Weight Training **Grade 11 & 12** **.5 Cr** **Unweighted Course**
Prerequisite: Student must have completed Fitness and Weight Training with a 90% or higher
This course focuses on advanced fitness and weight training movements to improve overall health and wellbeing. Topics such as Olympic weightlifting and alternate body movement activities and exercises will be a focus as well as nutritional methods that support exercise and movement.

110903 Adaptive Physical Education-(*By assignment only)* **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**
The purpose of this course is to improve the strength, flexibility, endurance and motor coordination of the physically challenged.

111001 Health **Grade 10** **.5 Cr.** **Unweighted Course**
The tenth-grade health course will assist students in developing and improving mental, social, emotional, and physical health. Students will learn about current health issues facing our society and strategies to live their best healthy life.

121001 Driver & Safety Education **Grade 10, 11 & 12** **.5 Cr.** **Unweighted Course**
The driver and safety curriculum will be a two-part course. Driver education will provide students with the information needed to receive a Pennsylvania driver's license and skills needed to drive safely on the highway transportation system. The safety and injury prevention curriculum will focus on living a safe and healthy lifestyle free from injury and harm. This part will encompass all areas of CPR and first aid training.

111102 Advanced Health **Grade 11 & 12** **1 Cr.** **Unweighted Course**
Prerequisite: 80% average in Health
This course focuses on the anatomy and physiology of skeletal and muscular systems, cells and tissues, digestive system, cardiovascular and circulatory systems, and nervous system. Students will also receive CPR/AED and First Aid certification and complete a career project. Included is an emotional health component which addresses death and dying.

111103 Elective Sports Activities **Grade 11 & 12** **.5 Cr.** **Unweighted Course**
Prerequisite: 90% or higher average in Physical Education or Fitness and Weight Training
This elective course tailors activity to individual student needs and interests with a focus on sports activity. A student may only take this course one semester during an academic calendar year. Additional accommodations will be made on an individual basis. *This course cannot be substituted for a required PE course.*

Course offerings will be dependent on student interest.

Course Descriptions

110908 Athletic Performance I **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**

Prerequisite: Participation in an interscholastic Varsity sport at NL to be verified prior to enrollment.

This course is designed for the Freshman or Sophomore HS athletes who have aspirations to excel in athletics or have aspirations of playing a sport at the collegiate level. This course will help the athlete design and implement a year-round strength and conditioning program, develop a nutrition plan to aid in their training, and develop the mental fortitude to become a more well-rounded athlete. Sports psychology will be introduced using the 9 Keys to Mental Success by Jack Lesyk. This will help build a foundation of mental toughness to aid them through sports and school. The course will also provide guidance on how to begin the recruiting process including communication skills and self-promotion. *This course cannot be substituted for a required PE course.*

111109 Athletic Performance II **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**

Prerequisite: Successful completion of Athletic Performance I and participation in an interscholastic Varsity sport at NL.

This course is designed for the Junior or Senior HS athlete who aspires to or has already committed to play a collegiate sport. This course will help the athlete design and implement an updated year-round strength and conditioning program to specifically help them in their sport. It will also aid in developing a nutrition plan to complement their training. Lastly, an increased focus on how to develop the mental fortitude to succeed as a college athlete will be studied. The course will utilize principles presented by Tim S Grover on mindset and sports psychology. Skills to excel in athletics which will prepare them for success after athletics. The course will also provide guidance on how to select a college, financial guidance, and recruiting assistance. *This course cannot be substituted for a required PE course.*

Course offerings will be dependent on student interest.

Course Descriptions

NORTHERN LEBANON VIRTUAL ACADEMY

****Virtual course names will be proceeded with either AE (course taught by Accelerate Education teacher) or VA (course taught by Northern Lebanon teacher). This may fluctuate from year to year depending on availability of staff.****

VIRTUAL ACADEMY ELECTIVE COURSES
Yearly Offerings
(these courses will be offered yearly based on student interest)

AE0409 Marine Science **Grade 11 & 12** **.5 Cr.** **Unweighted Course**
About 70% of the Earth is covered by water. Even today, much of the world's oceans remain unexplored. Marine scientists make exciting new discoveries about marine life every day. In this course, students will discover the vast network of life that exists beneath the ocean's surface and study the impact that humans have on the oceans. *This course may also be used towards the 11th grade Natural Science requirement along with Space Exploration.* ***NCAA Approved Course***

AE0412 Space Exploration **Grade 11 & 12** **.5 Cr.** **Unweighted Course**
From the history of rockets to the potential explorations of humans beyond Earth, this course introduces students to space exploration. Students will study the history of space flight from manned and unmanned flights and what it means to launch, explore, and land using spacecraft. *This course may also be used towards the 11th grade Natural Science requirement along with Marine Science.* ***NCAA Approved Course***

VA0929 Psychology & Sociology **Grade 11 & 12** **1 Cr.** **Unweighted Course**
This two-part course is designed for the college-bound student who is interested in facets of human behavior. Emphasis will be placed on student engagement through debating, role-playing and conducting experiments about individual behaviors, thoughts, and emotions (psychology) and about group dynamics, norms and trends in cultures throughout America and the world (sociology). The course includes a moderate amount of reading outside of class time and participation during class time, so regular attendance is greatly beneficial for success. ***NCAA Approved Course***

AE0507 German I A/B **Grade 9, 10, 11 & 12** **1.0 Cr.** **Unweighted Course**
The German 1A course is an introductory course teaching basic comprehension and communication in German. It coordinates the study of language with culture through the use of video, audio and mass media production. The German 1B second semester course will expand on the knowledge gained from German 1A and further develop their skills in pronunciation, grammar skills, grammar structures and vocabulary.

AE0501 Spanish I A/B **Grade 9, 10, 11 & 12** **1.0 Cr.** **Unweighted Course**
Spanish 1 is designed to develop an authentic and practical understanding of the Spanish language and culture. Students will have the ability to express their thoughts, feelings, and opinions in the target language within basic, real-life situations and learning scenarios. All new concepts, grammatical concepts, and cultural information will be introduced in context while incorporating various listening, speaking, and writing activities.

AE0508 German II A/B **Grade 9, 10, 11 & 12** **1.0 Cr.** **Unweighted Course**
Prerequisite: German I
German 2 A&B will build on grammar and language skills they acquired in German 1. While reviewing basic grammar skills, (present and past tenses), students learn and study stem-changing verb conjugation and explore cultural themes regarding current events, famous German people, music and famous festivals.

AE0502 Spanish II A/B **Grade 9, 10, 11 & 12** **1.0 Cr.** **Unweighted Course**
Prerequisite: Spanish I
Students build upon the foundation developed in Spanish 1. They continue to build vocabulary, learn new verb tenses and other grammar concepts, and they increase their ability to communicate with others. They learn new concepts, like reflexive verbs, infinitive expressions, commands, and the imperfect tense. Semester B will continue building on vocabulary, grammar concepts, and communicating effectively in the target language. Students will explore new countries where Spanish is spoken and continue to keep abreast of current events in the Spanish-speaking world.

Course offerings will be dependent on student interest.

Course Descriptions

AE0503 Spanish III A/B **Grade 9, 10, 11 & 12** **1.0 Cr.** **Unweighted Course**

Prerequisite: Spanish II

In the online Spanish 3 course, high school students continue to develop their ability in reading, writing, speaking, and understanding Spanish through a systematic review of its structure. Students focus on applying vocabulary in a wider array of situations by learning about the past progressive and subjunctive moods and the present perfect, future, and conditional tenses.

VA0998 VA Elements of Agri-Science **Grade 9, 10 & 11** **1.0 Cr.** **Unweighted Course**

This course is a prerequisite for all Agriculture courses and must be passed with a 70% to take additional classes

This course is designed to give students a basic overview of agri-science along with the many career and study options available. Students will participate in animal, plant, soil, and food science activities as well as agriculture mechanics, aquaculture, and wildlife management. Supervised Agricultural Experience Project (SAEP), FFA, and leadership activities will also be incorporated into this course.

2027-2028 Offerings
(these courses will not be offered in 2028-2029)

AE0113 Journalism **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**

This course is designed to prepare students for a career in journalism and media. The work in this course will equip students with the critical skills necessary to succeed in high school media, college media, and beyond. Students will read a variety of journalistic material and do a great deal of news writing. Students will also look at journalism from legal, ethical, and historic vantage points. Students can expect to complete numerous writing activities in a variety of styles including editorial, hard news, feature, review, and more. If students participate actively, they will gain tremendous skills that will serve them for the rest of their life. Individual and group project will also be a part of this class. This course is a project-based course and does not include traditional tests. Unit level understanding is assessed through unit projects.

AE0111 Creative Writing A/B **Grade 9, 10, 11 & 12** **1.0 Cr.** **Unweighted Course**

Creative writing is a high school English course that teaches students the importance of word-play along with techniques of plot and character so students can build a creative and compelling writing style. Students throughout the course will apply the knowledge and skills they learn by writing their own poetry, short stories, creative nonfiction, plays, and more. ***NCAA Approved Course***

AE0215 World Geography & Cultures A/B **Grade 9, 10, 11 & 12** **1.0 Cr.** **Unweighted Course**

World Geography and Cultures teaches students to use the basic skills of map reading and developments, geographic technology, and the recognition of geographic themes to make sense of the world.

AE0410 Paleontology **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**

From Godzilla to Jurassic Park, dinosaurs continue to captivate us. In this course, students will learn about the fascinating creatures both large and small that roamed the earth before modern man. Watch interesting videos from experts at The Royal Tyrrell Museum, a leading paleontology research facility, and discover how the field of paleontology continues to provide amazing insight into early life on earth. ***NCAA Approved Course***

AE0417 Aeronautics and Space Travel **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**

This course introduces students to the history and near future of space travel. Students will explore the possibilities of moon bases, Mars colonies, and visiting the outer planets in our solar system and their moons. Students will also discuss important ethical and legal issues around space exploration, such as asteroid mining and war in space. The online Aeronautics course gives an expansive view of the technologies, science, and theories that will make far-fetched dreams into realities during the student's lifetime.

AE0419 Career Exploration in Healthcare **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**

This course introduces students to the exciting and varied career opportunities in the health care industry that will be in demand in their future. The course will introduce the roles and tasks, identify education and skills needed, identify responsibilities of roles which support or supervise their role, analyze legal and ethical responsibilities, limitations, and implications for each of these professions.

Course offerings will be dependent on student interest.

Course Descriptions

AE0505 French II A/B **Grade 10, 11 & 12** **.5 Cr.** **Unweighted Course**

Prerequisite: 80% or better in French I A/B

French 2 focuses on the continuation and enhancement of language skills presented in Level 1. Vocabulary and grammar structure are revisited and expanded to provide students an opportunity to move towards an intermediate comprehension level.

AE0601 Computer Basics **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**

The online Computer Basics course you will learn how to use productivity and collaboration tools, such as G Suite by Google Cloud to create word processing documents, spreadsheets, surveys and forms such as personal budgets and invitations.

AE0602 Accounting **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**

In this semester course of our online Accounting course, students will explore accounting, including investigating accounting careers. Students will learn basic accounting skills and procedures, both with and without a computer, for general journals, general ledgers, cash payments journals, cash receipts journals, sales journals, accounts payable ledgers, and accounts receivable ledgers. Students will also learn how to reconcile a bank statement and to prepare payroll records. This course covers the basic principles of financial accounting for individuals and for companies with attention to both the mathematical formulas and to the ethical side of accounting. Each unit has practical exercises including a project at the end of the unit.

AE0614 Introduction to Artificial Intelligence **Grade 10, 11 & 12** **.5 Cr.** **Unweighted Course**

This course teaches what every student should know about Artificial Intelligence. AI is a fast-moving technology with impacts and implications for both our individual lives and society as a whole. In this course, students will get a basic introduction to the building blocks and components of artificial intelligence, learning about concepts like algorithms, machine learning, and neural networks. Students will also explore how AI is already being used, and evaluate problem areas of AI, such as bias. The course also contains a balanced look at AI's impact on existing jobs, as well as its potential to create new and exciting career fields in the future. Students will leave the course with a solid understanding of what AI is, how it works, areas of caution, and what they can do with the technology.

AE0702 Art History **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**

This Art History course integrates the four components of art study: art production, historical and cultural context, critical process, and aesthetic process. Students will be able to identify and describe art from prehistoric times to modern time. Throughout this course, students will discuss various artworks, research artists, and create documents and presentations demonstrating concepts learned.

AE0706 Theater Studies **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**

Have you ever wondered how a play goes from the playwright's mind all the way into a multi-million-dollar Broadway production? In this course, students learn the whole process. This course provides a thorough introduction to the theater by providing an overview of major topics in theater studies, with a blend of theoretical and practical lessons. In the first half of this course students will learn about the definitions of theater, theater history, and contemporary theatrical genres. The second of half of the course will guide students through all of the elements of putting on a professional theatrical production. Students will learn about the entire production process, from playwriting through opening night, including elements of technical theater, the rehearsal process, and audience response. Whether the student is an aspiring actor, technician, director, producer, or even just an avid theatergoer, this course will be of interest.

AE0801 Child Development **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**

In this course, students will learn about childcare development and the caring of children. Students who work as a babysitter, a camp counselor, or at a daycare would benefit from the material presented. Topics covered include prenatal development through pre-adolescence, and the physical, emotional, intellectual, and social development is covered. Also included is a module on health and safety issues.

AE1010 History of Gaming & Esports **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**

In this course, students will learn about the technologies and design principles that have been the foundation of the development of video game technology over the last 50 years. Students will examine and discuss the impact of video games on culture and the economy. Students will learn about the current gaming and e-sports landscape, including strategies and techniques of top teams and individuals. This course will also discuss the risks and dangers of video games and understand how to set appropriate time and content parameters. Finally, the course will identify career paths and opportunities for those who are passionate about gaming.

AE1012 Media and Communication **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**

From banner ads to billboards, newspaper articles, and Facebook feeds, people are constantly sharing ideas. This course looks at the many facets of mass media. Students will learn how the media shapes every aspect of our lives. Students examine the role of newspapers, books, magazines, radio, movies, television, and the growing influence of Facebook, YouTube, and Twitter.

Course offerings will be dependent on student interest.

Course Descriptions

AE1201 Character Education **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**
This course teaches students practical skills for understanding and managing their emotions, setting goals and getting organized, understanding and getting along with others in our diverse world, and making good decisions. Research shows that people who practice these skills have greater academic achievement as students and experience more success and satisfaction as adults.

2028-2029 Offerings
(these courses will not be offered in 2027-2028)

AE0216 Ethnic Studies **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**
Ethnic Studies is designed to help students to develop a more complex and nuanced understanding of the human experience as it relates to ethnicity, including the factors that influence individual and collective identity.

AE0411 Renewable Energy **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**
The earth's population is growing rapidly, and we need to find new, innovative ways to ensure that we are able to provide for our global energy needs. Students will look at the reasons why sustainability is important, take a balanced and evidence-based look at climate change, and learn new ways that we can harness renewable resources. ***NCAA Approved Course***

AE1110 Medicine **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**
This course provides students with an introduction to healthcare, with emphasis on modern, clinical medicine. Students review basic human anatomy and physiology, then study major health concerns affecting people in the U.S. and the world. This comprehensive, 6-unit course examines such topics as infectious diseases, cancer, traumatic injuries, and healthcare career opportunities.

AE0506 French III A/B **Grade 11 & 12** **1.0 Cr.** **Unweighted Course**
Prerequisite: French II A/B
The purpose of the French 3 course is to further students' language acquisition and to provide students with the necessary skills and intercultural understanding to enable them to communicate successfully in an environment where French is spoken.

AE0615 Career Exploration in Finance **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**
This course introduces students to the challenging and lucrative world of finance. While "Wall Street" may still get a bad rap after the 2008 financial crisis, finance careers still remain highly sought after and can be highly rewarding. The course reviews key financial terms and examines various groups, positions, and roles within financial institutions. Students will learn about resumes, interviews, and networking. Students will also discuss ethics on Wall Street and the role of finance within society.

AE0616 Cybersecurity **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**
In the online Cybersecurity course, students will learn about the practice of protecting networks, systems, and programs from digital attacks. They will better understand the aim of these attacks, such as destroying information, extorting money and resources, or disrupting business operations. They will learn about the challenges and opportunities that implementing cybersecurity measures can present. As attackers become more innovative, it is more important than ever to have effective cybersecurity channels in place to counter them. Students will learn about countermeasures and role recovery and their integral function in the cybersecurity realm. Additionally, students will learn what makes certain networks and systems more vulnerable to attacks. They will become adept at identifying potential viruses, worms, threats, and malware. The Cybersecurity course acts as a foundation on which to build extensive knowledge about threats to digital security.

AE0603 Basic Web Design **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**
In this course, students will learn how to design a beautiful and functional website. Students will learn how to take their design and translate it into a live website using Hypertext Markup Language (HTML) and Cascading Style Sheets (CSS) programing languages. HTML5 and CSS3 will be the standard versions used in the class. Students will understand design components of websites, including the use of color, layout and when to use different techniques, typography rules, and the importance of imagery. At the conclusion of the online basic web design course, students will present a website to the class.

AE0607 Intro to Business **Grade 9, 10, 11 & 12** **1.0 Cr.** **Unweighted Course**
This course introduces students to the basic business concepts that will help them understand how a business survives in today's economy and the role that consumers play in the same economy. Students will learn how to balance a checkbook, save for the future, and use credit wisely. Students will also learn how to create a resume and how to participate in a job interview.

Course offerings will be dependent on student interest.

Course Descriptions

AE0612 Social Media Business Marketing **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**
Whether it's posting pictures, videos, or interacting in the metaverse, today's students who aspire to apply their social media skills to business marketing must be prepared. This course on Social Media Business Marketing provides them with the foundational knowledge of social media technology and marketing principles. The course begins with an introduction to social media platforms and then goes in depth into the marketing and advertising strategies used to support a company's social media strategy and campaigns. Through activities and projects, students will gain firsthand knowledge of this exciting field.

AE0613 Personal Leadership **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**
Personal leadership skills are an important tool we use to build relationships and communication skills. Upon completion of this course, learners will be able to identify their own emotions, thoughts, and values and how they influence behavior. They will describe social skills needed for healthy and supportive relationships. They will also explain healthy and responsible decision making at school, work, and home. Learners will also identify and understand the perspectives of and empathize with others, including those from diverse backgrounds, cultures, and contexts.

AE0802 Teaching as a Profession **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**
Teaching can be a highly rewarding profession. Throughout the course, students will explore career opportunities within the field of education. They will learn what it means to be a professional in the classroom, whether it be working alongside co-teachers or managing an inclusive and diverse group of students.

AE1202 Study Skills & Strategies **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**
The Study Skills and Strategies course equips students with skills and understandings critical to effective learning. Using a unique approach to the traditional topic of study skills, this course weaves understanding regarding the role of the brain in learning into the instruction of discrete learning skills and strategies. Moving beyond a list of good tips and ideas, the Study Skills and Strategies course will challenge students to develop intentional approaches to learning. They will be required to make connections between the strategies and skills they learn in this course and the implementation of those strategies and skills in their other coursework. Upon completion of the course, students will have learned a variety of specific learning skills and strategies, gained greater understanding of their own learning preferences, and become prepared to develop and implement specific learning and study plans for any academic course or other learning needs.

AE1203 Career Planning **Grade 9, 10, 11 & 12** **.5 Cr.** **Unweighted Course**
The online Career Planning course guides students through the essential elements of the career planning process and the development of a defined career plan. Students will consider the many factors that impact career success and satisfaction. Using a process of investigation, research, and self-discovery, students will acquire the understandings critical to the career planning process. Upon completion of the course, students will have created a practical and comprehensive college or career transition portfolio that reflects their skills and abilities, as well as their interests, values, and goals.

Course offerings will be dependent on student interest.

LEBANON COUNTY CAREER AND TECHNOLOGY CENTER

CAREER AND TECHNOLOGY CENTER

PROGRAMS (2027-2028)

Selecting a career is one of the most important decisions a student can make. We encourage all students to consider programs offered at the Career and Technology Center (CTC).

For further information, check our website at www.lcctc.edu

Did you know . . .

- CTC students excel in a "learning by doing" environment which combines academics and lab work.
- CTC students earn college credits from colleges and technical schools by successfully completing CTC courses.
- CTC students receive scholarships from area businesses who recognize excellent craftsmanship and academic achievement.
- CTC students continue to participate in sports and extracurricular activities at their high schools.
- Cooperative Education, Clinical Experience and Job Shadowing services expand the CTC curriculum by providing students with additional skills through supervised work experience at local businesses. In addition to the cooperative education program, job placement services are available to all graduates.
- The CTC provides counseling services to assist students with personal and social issues, decisions related to career choice, and decisions related to postsecondary opportunities and college credits.
- The CTC provides support to students who are disabled or disadvantaged. The support is designed to help each student successfully complete the program and secure employment or postsecondary education.
- The CTC takes every opportunity to recognize and reward students who strive for excellence. This recognition includes: National Technical Honor Society, scholarships, student-of-the-month and year awards, outstanding achievement, perfect attendance, honor roll, certificates and extensive recognition for student organization achievements.
- Student participation in program related organizations is strongly encouraged. They provide each student with opportunities to develop leadership skills, excel in technical skills, receive recognition for state and national competitions, and travel throughout the state and nation. The organizations include:
  LCBA – Lebanon County Builders Association –Student Chapter
  HOSA – Health Occupations Students of America
  SkillsUSA – Vocational Industrial Clubs of America
  National FFA Organization

Course offerings will be dependent on student interest.

Students Occupationally and Academically Ready

www.education.pa.gov/programsofstudy

SOAR programs of study prepare today's student for tomorrow's in demand and high wage careers

SOAR is built on programs of study (POS) that incorporate secondary and postsecondary education elements and include coherent and rigorous academic and technical content aligned with Pennsylvania's challenging academic standards.

The SOAR Articulation Agreement for advanced credit transfer is made possible when eligible postsecondary institutions and Pennsylvania secondary schools offering POS agree to the terms and conditions stated in the Perkins Statewide Articulation Agreement.

Website Navigation

- **Background**
  Policy information on programs of study
- **Framework**
  Templates and crosswalks to implement programs of study
- **Articulation**
  Information relating to statewide articulation agreements

SOAR Mission

To prepare students for college and careers in a diverse, high-performing workforce.

SOAR Benefits

- Save money on college tuition
- Save time by shortening college attendance
- Continue on your chosen career path
- Be prepared to enter the job market

SOAR Articulation

SOAR credits are accepted at many higher education institutions.
Go to CollegeTransfer.net for further information.

Learn More About SOAR

- Programs of Study (POS)
- Planning your Career
- Qualifying for SOAR College Credit
- Postsecondary SOAR Partners

Earn College Credits for Secondary POS Completion

For further information visit:

Bureau of Career and Technical Education
www.education.pa.gov

03/2024

pennsylvania
DEPARTMENT OF EDUCATION

Course offerings will be dependent on student interest.

Half-day Two Year Programs

Nineteen CTC programs are offered for a half-day, for two years. These programs are open to students beginning in their junior year.

Auto Body Technology	**Landscape and Horticulture**
Automotive Technology	**Law Enforcement & Security**
Carpentry/Residential Construction	**Masonry**
Commercial Art and Design	**Media Communications Technology**
Computer Networking Technology and Cybersecurity	**Medical Assistant**
Dental Assistant	**Plumbing/Heating/Air Conditioning**
Diesel Truck Technology	**Precision Machining Technology**
Electrical Technology	**Sports Therapy Sciences**
Electromechanical Technology	**Welding Technology**
Health Careers Technology	

(HALF-DAY, 8:00 A.M. – 10:25 A.M. – YEAR ONE) **(3 CREDITS)**
(HALF-DAY, 11:30 A.M. – 2:00 P.M. – YEAR TWO) **(3 CREDITS)**

16002 Auto Body Technology **Grade 11 & 12** **3.0 Cr.** **Unweighted Course**
Auto Body Technology students learn entry level processes to repair damaged vehicles to pre-accident/damaged conditions. These repair processes are taught in units over two years. The first year consist of smaller projects involving learning knowledge and skills for Safety, Detailing, Welding and Cutting, Refinishing Equipment, Masking, Surface Prep, Automotive Finishes, Paint materials mixing and application, Vehicle Construction and Estimating. The second year consist of larger projects and vehicles involving learning the knowledge and skills for Plastic Repair, Panel Replacement and Alignment, Trim and Hardware R&I, Glass and Hardware R&I, Structural component damage Analysis (Measuring) and Repair, Restraint Systems and Advanced Technologies (ADAS). Career opportunities: Detailer, Estimator assistant, Parts manager, Refinishing/Painting/Prep apprentice (Paint Tech assistant), Damage Repair (Body Tech assistant), Insurance estimator/appraiser, Office Manager, Floor Manager, Paint and Body sales representative.
Students also may earn ICAR and OSHA Certifications before graduating high school. Students who meet the requirements may participate in our Co-op program in their second year, working at an Auto Body employer, gaining more experience, while being paid.

16003 Automotive Technology **Grade 11 & 12** **3.0 Cr.** **Unweighted Course**
Automotive Technology students diagnose, service, and repair late model vehicles following the Automotive Service Excellence (ASE) national technician standards. Motivated students may obtain the PA Auto Safety Inspection Certification, PA Emission Inspection Certification and qualify to take the ASE tests after successfully completing the program. Utilizing state-of-the-art repair equipment students learn brake systems, suspension and steering, engine performance, automotive electronics, and HVAC. The Automotive Technology program is ASE Accredited. Technical career opportunities range from maintenance mechanic to automotive technician and may begin in high school with our Co-Op program providing job experience and a salary. Students who successfully complete the program may receive 16 college credits from HACC. In addition, students may also earn credits from University of Northwestern Ohio, Automotive Training Center, and Northampton Community College.

16004 Carpentry/Residential Construction **Grade 11 & 12** **3.0 Cr.** **Unweighted Course**
Carpentry students work on construction projects within the school and community. They learn skills including: transit and blueprint reading, selection of building materials and estimating, framing (floors, stairs, walls, and roofs), selection and installation of windows and doors, roofing, interior and exterior finishing, concrete finishing, and foundations. Career opportunities range from a siding installer to a finish carpenter and may begin in high school with a Co-Op position providing job experience and a salary. The 500 employers in the Lebanon County Builders Association sponsor this program, provide student scholarships, and employ graduates. Students who successfully complete the program may receive college credits from HACC, Penn College of Technology, and Thaddeus Stevens College of Technology.

Course offerings will be dependent on student interest.

Course Descriptions

16102 Commercial Art and Design **Grade 11 & 12** **3.0 Cr.** **Unweighted Course**
Commercial Art students work with a variety of media to create logos, brochures, posters, advertisements, greeting cards and a variety of artwork for the school and the community. They participate in an end-of-the-year Art Show and Competitions to develop a portfolio emphasizing their creative talents and technical skills including becoming proficient in Adobe Design software: Photoshop, Illustrator, and InDesign. This "learning while doing" strategy brings reality to the course topics, which includes typography, media techniques, color theory, graphic design, perspective drawing, elements and principles of design and computer applications. This full day, senior year course promotes creativity and expression through fine art, graphic design and photography. Career opportunities range from a production artist to a creative director. Adobe Certifications can be achieved through BrainBuffet and the Certiport Company. Graduates have been successful at four-year colleges and a number of students have won scholarships at two-year art schools. Students who successfully complete this program will have proficient knowledge and ability to further their graphic design career path in a post-secondary setting.

16374 Computer Network Technology and Cybersecurity **Grade 11 & 12** **3.0 Cr.** **Unweighted Course**
Network Technology – In today's high-tech environment, everything is networked!!! Following the CompTIA Network + Certification model, students learn the features and functions of networking components including how to install, configure and troubleshoot basic networking hardware, protocols and services. Completion of this course will prepare students for entry-level jobs in computer networking or give them a boost as they continue their education while pursuing a career as a network administration, network support technician, network administrator or network analyst. Fundamental topics to be covered include: The Foundations of Networking, the OSI/802 Model, Network Design, Network Cabling, Wireless Communication, TCP/IP, WAN Devices, Security Issues and Disaster Recovery Training. The goal is for students to seek Network+ certification after completion of the course. Students who successfully complete the program may receive up to four college credits awarded by accredited colleges or technical schools.

16122 Dental Assistant **Grade 11 & 12** **3.0 Cr.** **Unweighted Course**
The Dental Assistant program integrates lectures, demonstrations, and hands-on experiences to teach students a variety of dental-related subjects. The major areas of study include anatomy and physiology, chair-side dental assisting, radiology, dental materials, and microbiology/sterilization. During the program, students participate in clinical rotations in private dental offices, clinics, and hospitals. Experiences gained in the Dental Assistant Program prepares students to take the Radiation Health and Safety Certification Exam, the Infection Control Exam, have a steppingstone to college, and are prepared for a job after they graduate.

16006 Diesel Truck Technology **Grade 11 & 12** **3.0 Cr.** **Unweighted Course**
Diesel Truck Technology students restore late model over-the-road diesel truck-tractors to like new condition. Each year they refurbish or repair vehicles providing "hands-on" experience in diagnosing, servicing and repairing all major heavy truck systems. Students learn the importance of teamwork and qualify for the PA State Safety Inspection program. The major course topics include: Preventive Maintenance, Engine Systems Theory & Repair, Electrical Systems, and Brakes (air & hydraulic), Power Trains, Steering, Suspension and Drivelines. Career opportunities range from maintenance mechanic to fleet manager, and may begin in high school with a Co-Op position providing job experience and a salary. Employers in the South Central Motor Truck Association sponsor this program, provide student scholarships, and employ graduates. Students who successfully complete the program may receive college credits from the University of Northwestern Ohio (UNOH) and Automotive Training Center.

16106 Electrical Technology **Grade 11 & 12** **3.0 Cr.** **Unweighted Course**
Electrical Technology students design and install the electrical systems in the school's construction projects and work on numerous projects within the community. They learn technical skills including AC/DC fundamentals, Ohm's Law, Kirchoff's Laws, residential, commercial and industrial wiring, transformers, conduit bending, troubleshooting, fire alarm systems and green technologies. Technical careers range from an electrician to a systems engineer and may begin in high school with a Co-Op position providing job experience and a salary. The 500 employers in the Lebanon County Builders Association sponsor this program, provide student scholarships and employ graduates.

16124 Electromechanical Technology **Grade 11 & 12** **3.0 Cr.** **Unweighted Course**
The Electromechanical Technology program is designed to provide students with the knowledge and skills necessary to apply current methods and technology to the development, design, operation, and management of electromechanical systems. Electromechanical covers multiple disciplines including Electrical, Electronics, Fluid Power (Hydraulics and Pneumatics), Mechanical Drives, Programmable Logic Controllers (PLC's), and Robotics. Students are trained in both the electrical and mechanical disciplines, and then exposed to a wide spectrum of instrumentation and industrial controls concepts. Students can use what they learn in Electromechanical Technology to pursue a career directly out of high school or continue their education into a degree program. The course is designed to give an introduction to engineering principles of electromechanical systems and disciplines. Some of the potential jobs include Electronics Technicians/Engineer, Electrician, Biomedical Technician/Engineer, Industrial Maintenance Technician, Mechanical Technician/Engineer, and many more!

Course offerings will be dependent on student interest.

Course Descriptions

16108 Health Careers Technology **Grade 11 & 12** **3.0 Cr.** **Unweighted Course**

Health Careers Technology is designed for students seeking a career in the healthcare field specifically as a patient care technician certification/Nurse Aide. Students will learn to care for patients in varying healthcare settings, which is a requirement to take the patient care technician certification exam offered at the end of the senior year. Students will also obtain certification in Adult/Child/Infant CPR/AED/First Aid through the American Red Cross.

Curriculum includes patient safety, professionalism of the health care provider, legal and ethical issues, communication skills, infection control practices, emergency care and disaster preparedness, human needs and development, health care provider skills, nutrition, caring for the patient at death, medical terminology, anatomy and physiology and exploring medical language.

Students have an opportunity to obtain 3 college credits through participation in the college in the high school program offered through HACC.

16376 Landscape and Horticulture **Grade 11 & 12** **3.0 Cr.** **Unweighted Course**

In the Landscape and Horticulture program, students learn how to use horticultural tools and operate landscaping equipment such as push mowers and zero turns. Students will identify ornamental, medicinal, and crop producing plants, work with plants outdoors and participate in the greenhouse plant sale. Experience many career pathways in horticulture through field trips, hands on experiences, and academics. Students will be involved with the National FFA Organization and will have a chance to compete in horticultural competitions against local FFA chapters. Qualified students in Landscape and Horticulture may also be chosen for the co-op program, an opportunity to work for area landscape contractors and earn while you learn. If you enjoy working outdoors with plants, learning about horticultural skills and maintaining landscapes, then the Landscape and Horticulture program will be a great fit and learning experience for you.

16110 Law Enforcement & Security **Grade 11 & 12** **3.0 Cr.** **Unweighted Course**

Law Enforcement and Security students develop investigation skills essential to careers in Criminal Justice (Police, Courts, and Corrections) and the ever-growing Private Security fields. They also have the opportunity to experience parts of the Criminal Justice System through job shadowing experiences in the real world. The program emphasizes curriculum that covers topics such as: criminal procedures, crime photography, criminal investigations, criminal law, Bill of Rights/US Constitution, vehicle law, private security, report writing, and first aid/CPR. Career opportunities range from private security to local, state, and federal officers and federal police officers. Students who successfully complete the Pennsylvania Department of Education approved program and the NOCTI exam (end of the year assessment) on the criminal justice system may receive college credits from HACC and other area colleges.

16119 Masonry **Grade 11 & 12** **3.0 Cr.** **Unweighted Course**

Masonry students work on construction projects that include concrete block, brick and other similar materials. Most of the training is within the school; however, community service projects add additional learning opportunities. Students develop a highly skilled craft which includes the ability to lay a multitude of contemporary concrete building products as well as traditional brick. Additional topics include: blueprint reading, site layout, estimating, building codes, and the use of hand and power tools. Career opportunities range from a mason's helper to blocklayer, bricklayer, estimator, or construction supervisor and may begin in high school with a Co-op position providing job experience and a salary. The 500 members in the Lebanon County Builders Association as well as the Pennsylvania Concrete Masonry Association sponsor this program, provide student scholarships and employ graduates. A student who successfully completes this program may earn three college credits from HACC.

16114 Media Communications Technology **Grade 11 & 12** **3.0 Cr.** **Unweighted Course**

Media Communications Technology program introduces students to the art and science of developing effective presentations using technology. Through a mix of classroom instruction and hands-on experience, students will be well prepared for success in today's rapidly growing communication fields.

Students gain a working knowledge of hardware, software, and equipment necessary for delivering effective communication for business, education, and entertainment. Rigorous instruction motivates students to develop competency in the production process, photography, graphic design, television production, streaming video, and audio production, as well as electronic computer imaging, motion graphics, and animation using computer technology.

In addition, curriculum is implemented through individual and group collaborative processes along with real-world experiences. A variety of software applications are taught. Using this advanced digital technology, students apply their knowledge and skills to create professional media for broadcast, virtual instruction, corporate communications, web-based distribution, and entertainment.

This course provides comprehensive hands-on experience through instruction in presentation development, project management, budgeting, and social networking. This program will enhance computer literacy, build communication skills, and yield work samples for an impressive portfolio in preparation for college and employment.

Course offerings will be dependent on student interest.

Course Descriptions

16121 Medical Assistant **Grade 11 & 12** **3.0 Cr.** **Unweighted Course**
Medical assistants are professional, multi-skilled individuals who perform administrative and clinical duties in health care settings. The program includes studies in anatomy and physiology, biology, medical terminology, medical law and ethics, pharmacology, clinical and administrative skills such as phlebotomy, vital signs, CPR and AED certification and performing electrocardiograms.

16009 Plumbing/Heating/Air Conditioning **Grade 11 & 12** **3.0 Cr.** **Unweighted Course**
Students interested in the plumbing profession can begin their training at the CTC in the Plumbing, Heating, and Air Conditioning program which is a Pennsylvania Builders Association accredited program and tailored after the Pennsylvania College of Technology's first year HVAC skills list .They will begin their technical training learning safe work practices, materials and tools used in the trade, and applied mathematical and scientific concepts needed to build a strong foundation for more advanced topics. Our students "learn by doing" by working on a variety of skills trainers and equipment designed to simulate actual field installations. Students also have the opportunity to earn industry recognized certifications such as the OSHA 10 construction safety certification and the EPA Section 608 Refrigerant Transition and Handling certification. Dual enrollment opportunities with Thaddeus Stevens College of Technology are also available while enrolled in the program.
Post-secondary opportunities exist for those completing the CTC Plumbing, Heating, and Air Conditioning program such as craft apprenticeships where students "earn while they learn" graduating debt-free from industry recognized programs. Associate and Bachelor degree programs are available for those choosing careers as sales engineers, designers, and similar professions requiring advanced degrees.

16109 Precision Machine Technology **Grade 11 & 12** **3.0 Cr.** **Unweighted Course**
Precision Machining Technology students manufacture precision parts in the school's NIMS (National Institute for Metalworking Skills) accredited training center. The curriculum provides in-school instruction on topics such as: Blueprint Reading, Measurements, Quality Control, Hand Tools, Manual Lathes, Manual Mills, CAD/CAM, and CNC (Computer Numerical Controlled) Machines. Students will work hands on in the shop creating various parts and tools they are able to put in their own toolboxes. Career opportunities range from manual machine operator to tool and die maker, CNC operator to CNC programmer, mechanical engineer to quality engineer, even sales and service. Many students have the opportunity in high school to participate with a Co-Op experience providing real on the job experience and a salary. Students who successfully complete the program may earn their OSHA 10 certification, Pennsylvania's Pre-Apprenticeship Machinist Journeyman Certificate, and up-to 11 NIMS credentials, as well as the opportunity to earn advanced placement in Thaddeus Stevens College of Technology Computer Integrated Machining Program, reducing their time at Stevens from four semesters to only three.

16123 Sports Therapy Sciences **Grade 11 & 12** **3.0 Cr.** **Unweighted Course**
Sports Therapy Sciences students participate in theory and experiential learning to gain advanced knowledge of the systems of the human body, sports medicine techniques as well as health and wellness concepts. The students will engage in activities to identify, manage and treat sports related conditions and injuries. Students will also conduct pre-participation health and fitness assessments to design individual exercise programs. From these experiences, students are encouraged to continue their studies in fields such as athletic training, physical therapy, occupational therapy, exercise physiology, personal training and other medical and health and fitness related fields. The Sports Therapy Sciences curriculum includes: human anatomy and physiology, medical terminology, first aid and CPR, injury management and personal fitness training. At the conclusion of the program, the student will be eligible to take a national certification examination for personal training.

16010 Welding Technology **Grade 11 & 12** **3.0 Cr.** **Unweighted Course**
Welding Technology students design, fabricate and repair metal products in the school's shop facilities. They develop skills in testing procedures necessary to meet standards for welding certification and practice welding techniques according to the requirements of the American Welding Society. Utilizing state-of-the-art equipment, students learn shielded metal, gas metal, gas tungsten and flux core arc welding, blueprint reading, oxy-fuel cutting, metal layout and fabrication, computerized numerical control cutting, plasma cutting of sheet and plate metals, and structural and robotic welding. Technical careers range from a metal fabricator to an underwater welder. These opportunities may begin in high school with a Co-Op position providing job experience and a salary. Students who successfully complete the program may receive six college credits from HACC or entry level welder certification. The program is nationally recognized by the AWS (American Welding Society).

Course offerings will be dependent on student interest.

Full-day One Year Programs

Two CTC programs are offered for a full day, 8:00 A.M. – 2:00 P.M. The programs are open to seniors.

Culinary Arts	Pastry Arts

(FULL-DAY, 8:00 A.M. – 2:00 P.M.) **(6 CREDITS)**

16104 Culinary Arts **Grade 12** **6.0 Cr.** **Unweighted Course**

Culinary Arts students operate a contemporary sixty-seat full-service restaurant located within the school. Student's plan, prepare, and serve a variety of traditional, ethnic, and contemporary menus as well as cater banquets, dinner meetings, and special events. Students develop artistic skills through ice carvings and special exhibits of pastillage, pumpkin carving, gingerbread, and tallow. Local, state, and national competitions enrich the curriculum which includes appetizers, soups and sauces, vegetables and salads, meat/poultry/seafood/shellfish, desserts, garnishing, catering, service, sanitation, and management. Career opportunities range from a prep cook to eventually an executive chef. and may begin in high school with a Co-Op or clinical positions providing job experience and a salary. Students who successfully complete the program may receive college credits from PA College of Technology, HACC, Johnson & Wales University, Pennsylvania Culinary Institute, WCCC, and The Restaurant School. The program is nationally recognized and accredited by the American Culinary Federation (ACF) and holds Exemplary Status from the ACF.

16112 Pastry Arts **Grade 12** **6.0 Cr.** **Unweighted Course**

The Lebanon County Career & Technology Center Pastry Arts program was the first nationally accredited secondary baking and pastry art program by the American Culinary Federation Education Foundation (ACF) in the country. Recently they also received Exemplary Status for never having a non-compliance on the accreditation process.

Pastry Arts students produce and market high quality baked products for a contemporary sixty-seat restaurant within the school. They also market their products through their own pastry shop as well as supplying items for school banquets, dinner meetings, community service projects, and specialty events. Students develop artistic skills through the preparation of pastries, confections, and other specialty desserts. Students will create and present a professional portfolio and restaurant programs as an end of the year assessment. Local, state and national competitions enrich the curriculum which includes: pastry bag skills, cornet skills, cake decorating and assembly, decorative pieces including a Gingerbread House and Pumpkin Carving competition, merchandising, record keeping, and sanitation. Career opportunities range from a baker's helper to a pastry chef and may begin in high school with a Co-Op position providing job experience and a salary. Students who successfully complete the program may receive college credits from Johnson & Wales, West Moreland Community College, PA College of Technology, Harrisburg Area Community College, and The Restaurant School at Walnut Hill College.

Half-day Year One and Full-Day Year Two Programs

(HALF-DAY, 8:00 A.M. – 10:25 A.M - YEAR ONE)----------(3 CREDITS)
(FULL-DAY, 8:00 A.M. – 2:00 P.M. - YEAR TWO)----------(6 CREDITS)

16005 Cosmetology **Grade 11** **3.0 Cr.** **Unweighted Course**
16120 Cosmetology Full Day **Grade 12** **6.0 Cr.** **Unweighted Course**

Cosmetology students learn skills necessary to become a licensed professional in a salon. Major topics include hairstyling, haircutting, perming, chemical relaxing, haircoloring, manicuring, facials and makeup. Students learn the theory and procedures about these topics. When finished with the program and state mandated hours, students must take and pass a state board exam to receive a cosmetology license.

Course offerings will be dependent on student interest.

CTC Academic Math Courses

030906 Applied Math CTC (By Assignment Only) **Grade 12** **1.0 Cr.** **Unweighted Course**
Designed as a course for students who have not had an academic Algebra course. This course covers both Pre -Algebra and Algebra 1 topics. Pre-Algebra topics include fractions, decimal fractions, conversion, proportion, percent, and order of operations.

030905 Algebra I CTC **Grade 12** **1.0 Cr.** **Unweighted Course**
Designed as a college preparatory course for students planning post-secondary education. Course topics include integers and sets, exponents, radicals, monomials & binomials, linear equations and inequalities, graphing, polynomials, factoring, systems of equations, and simple quadratics.

030900 Geometry & Intermediate Algebra CTC **Grade 12** **1.0 Cr.** **Unweighted Course**
College preparatory course that has ½ Geometry and ½ Algebra II. Course topics in Geometry include postulates & theorems, angles, triangles, basic proofs, Pythagorean Theorem, polygons, area, circles, arc and chords, tangent lines, and volume.

031104 Algebra II CTC **Grade 12** **1.0 Cr.** **Unweighted Course**
Designed as a college preparatory course for students planning post-secondary education. Course topics include graphing, linear systems, factoring, rational expressions, algebraic expressions, absolute value equations and inequalities, quadratic equations and inequalities, slope and distance, conic sections, and functions.

031108 Probability & Statistics CTC **Grade 12** **1.0 Cr.** **Unweighted Course**
A college preparatory course designed for students planning post - secondary work. A pre-requisite of Algebra 2 is recommended. The course will introduce students with the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Course topics include organizing data, elementary and binomial probability, hypothesis testing, correlation and linear regression, and chi – square. Application problems are emphasized from business, engineering, social and biological sciences.

031105 Pre-Calculus CTC **Grade 12** **1.0 Cr.** **Unweighted Course**
Designed as a college preparatory course for students planning post-secondary education. Course topics include algebraic expressions, absolute value equations and inequalities, quadratic equations and inequalities, slope and distance, conic sections, exponential and logarithmic functions, graphing higher order polynomials and rational functions, trigonometry, and basic limits.

031107 Trigonometry & Intro to Calculus CTC **Grade 12** **1.0 Cr.** **Unweighted Course**
Designed as a college preparatory course for students planning post-secondary education. Trigonometry topics include radian/degree conversion, SIN/COS/TAN functions, the unit circle, oblique triangles, graphing functions, identities and trigonometric equations. Upon completion of the Trigonometry curriculum, the student will move on to Calculus 1 topics that include limits, slope of a tangent line, instantaneous rates, techniques of differentiation, Newton's method, higher order derivatives, implicit differentiation, tangent line approximation, and applications of 1st and 2nd derivatives.

031106 Calculus I CTC **Grade 12** **1.0 Cr.** **Unweighted Course**
Designed as a college preparatory course for students planning post-secondary education. Course includes a review of Pre–Calculus topics such as interval notation, distance and slope, functions, and trigonometry. Calculus topics include limits, continuity, slope of a tangent line, instantaneous rates, techniques of differentiation, Newton's method, higher order derivatives, implicit differentiation, tangent line approximation, applications of 1st and 2nd derivatives, and basic integrals.

NON-DISCRIMINATION STATEMENT

The Lebanon County Career and Technology Center does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities and provides equal access to the Boy Scouts and other designated youth groups. The following person has been designated to handle inquiries regarding the non-discrimination policies: Principal, 833 Metro Drive, Lebanon, PA 17042, (717) 273-8551 ext. 2139.

Course offerings will be dependent on student interest.

NL Viking Band Festivals

Middle School LLMEA County Band North
Who: 5-8 students
When: April 2-3, 2027
Where: Cocalico High School
Why: Honors band festivals bring together top student musicians to perform challenging, high-level music that typical school bands rarely get to play. Led by premier college directors and guest conductors, students gain expert coaching and learn advanced musical techniques in just a few days of intensive rehearsal. Performing alongside other dedicated peers gives young musicians a rare chance to hear a completely balanced, professional-sounding ensemble. Students are accepted through a round-robin selection process.
Cost: $40 per student (budgeted as part of the Band-Chorus budget)

Lebanon Valley College Honors Band
Who: 2-4 students
When: January 8-9, 2027
Where: Lebanon Valley College
Why: Honors band festivals bring together top student musicians to perform challenging, high-level music that typical school bands rarely get to play. Led by premier college directors, students gain expert coaching and learn advanced musical techniques in just a few days of intensive rehearsal. Performing alongside other dedicated peers gives young musicians a rare chance to hear a completely balanced, professional-sounding ensemble. Beyond personal growth, these prestigious events strengthen college applications, open doors to future music scholarships, and foster lifelong friendships. Students are accepted through a round-robin selection process.
Cost: $60 per student (budgeted as part of the Band-Chorus budget)

High School LLMEA County Band North
Who: 8-9 students
When: February 27, 2027

Where: Manheim Central High School
Why: Honors band festivals bring together top student musicians to perform challenging, high-level music that typical school bands rarely get to play. Led by premier college directors, students gain expert coaching and learn advanced musical techniques in just a few days of intensive rehearsal. Performing alongside other dedicated peers gives young musicians a rare chance to hear a completely balanced, professional-sounding ensemble. Beyond personal growth, these prestigious events strengthen college applications, open doors to future music scholarships, and foster lifelong friendships. Students are accepted through a round-robin selection process.
Cost: $40 per student (budgeted as part of the Band-Chorus budget)

<u>High School LLMEA County Orchestra</u>
Who: 2-4 students
When: January 23, 2027
Where: Conestoga Valley
Why: Honors band festivals bring together top student musicians to perform challenging, high-level music that typical school bands rarely get to play. Led by premier college directors, students gain expert coaching and learn advanced musical techniques in just a few days of intensive rehearsal. Performing alongside other dedicated peers gives young musicians a rare chance to hear a completely balanced, professional-sounding ensemble. Beyond personal growth, these prestigious events strengthen college applications, open doors to future music scholarships, and foster lifelong friendships. Students are placed due to their high ranking in the District Band Audition.
Cost: $30 per student (budgeted as part of the Band-Chorus budget)

<u>District 7 Band</u> (combination of 8 counties)
Who: 2-4 students
When: January 15-16, 2027
Where: Cedar Cliff High School
Why: Honors band festivals bring together top student musicians to perform challenging, high-level music that typical school bands rarely get to play.

Led by premier college directors and guest conductors, students gain expert coaching and learn advanced musical techniques in just a few days of intensive rehearsal. Performing alongside other dedicated peers gives young musicians a rare chance to hear a completely balanced, professional-sounding ensemble. Navigating the competitive audition process builds essential discipline, confidence, and focus under pressure. Beyond personal growth, these prestigious events strengthen college applications, open doors to future music scholarships, and foster lifelong friendships.
Cost: $240 per student (budgeted as part of the Band-Chorus budget)

District 7 Jazz Band (combination of 8 counties)
Who: 1-2 students
When: March 19-20, 2027
Where: TBD
Why: Honors band festivals bring together top student musicians to perform challenging, high-level music that typical school bands rarely get to play. Led by premier college directors and guest conductors, students gain expert coaching and learn advanced musical techniques in just a few days of intensive rehearsal. Performing alongside other dedicated peers gives young musicians a rare chance to hear a completely balanced, professional-sounding ensemble. Navigating the competitive audition process builds essential discipline, confidence, and focus under pressure. Beyond personal growth, these prestigious events strengthen college applications, open doors to future music scholarships, and foster lifelong friendships.
Cost: $240 per student (budgeted as part of the Band-Chorus budget)

District 7 Orchestra (combination of 8 counties)
Who: 1-2 students
When: February 5-6, 2027
Where: Hershey High School
Why: Honors band festivals bring together top student musicians to perform challenging, high-level music that typical school bands rarely get to play. Led by premier college directors and guest conductors, students gain

expert coaching and learn advanced musical techniques in just a few days of intensive rehearsal. Performing alongside other dedicated peers gives young musicians a rare chance to hear a completely balanced, professional-sounding ensemble. Navigating the competitive audition process builds essential discipline, confidence, and focus under pressure. Beyond personal growth, these prestigious events strengthen college applications, open doors to future music scholarships, and foster lifelong friendships. Students were placed due to their high ranking in the District Band audition
Cost: $240 per student (budgeted as part of the Band-Chorus budget)

Region V Band (combination of 2 Districts, spanning a region of 15 counties)
Who: 1-2 students
When: February 18-20, 2027
Where: Easton Area Middle School
Why: Honors band festivals bring together top student musicians to perform challenging, high-level music that typical school bands rarely get to play. Led by premier college directors and guest conductors, students gain expert coaching and learn advanced musical techniques in just a few days of intensive rehearsal. Performing alongside other dedicated peers gives young musicians a rare chance to hear a completely balanced, professional-sounding ensemble. Navigating the competitive audition process builds essential discipline, confidence, and focus under pressure. Beyond personal growth, these prestigious events strengthen college applications, open doors to future music scholarships, and foster lifelong friendships. Students had to re-audition at District Band to be eligible for Region Band.
Cost: $240 per student (budgeted as part of the Band-Chorus budget)

All-State Jazz Band
Who: 1-2 students
When: April 14-17, 2027
Where: Erie, PA

Why: Honors band festivals bring together top student musicians to perform challenging, high-level music that typical school bands rarely get to play. Led by premier college directors and guest conductors, students gain expert coaching and learn advanced musical techniques in just a few days of intensive rehearsal. Performing alongside other dedicated peers gives young musicians a rare chance to hear a completely balanced, professional-sounding ensemble. Navigating the competitive audition process builds essential discipline, confidence, and focus under pressure. Beyond personal growth, these prestigious events strengthen college applications, open doors to future music scholarships, and foster lifelong friendships. Students were selected based on their recorded audition submission
Cost: $435 per student (budgeted as part of the Band-Chorus budget)

All-State Concert Band
Who: 1-2 students
When: April 14-17, 2027
Where: Erie, PA
Why: Honors band festivals bring together top student musicians to perform challenging, high-level music that typical school bands rarely get to play. Led by premier college directors and guest conductors, students gain expert coaching and learn advanced musical techniques in just a few days of intensive rehearsal. Performing alongside other dedicated peers gives young musicians a rare chance to hear a completely balanced, professional-sounding ensemble. Navigating the competitive audition process builds essential discipline, confidence, and focus under pressure. Beyond personal growth, these prestigious events strengthen college applications, open doors to future music scholarships, and foster lifelong friendships. Students had to re-audition at Region Band to be eligible for All-State Band.
Cost: $435 per student (budgeted as part of the Band-Chorus budget)

All-Eastern Band
Who: 1-2 students
When: April 1-4, 2027

Where: Providence, Rhode Island
Why: Honors band festivals bring together top student musicians to perform challenging, high-level music that typical school bands rarely get to play. Led by premier college directors and guest conductors, students gain expert coaching and learn advanced musical techniques in just a few days of intensive rehearsal. Performing alongside other dedicated peers gives young musicians a rare chance to hear a completely balanced, professional-sounding ensemble. Navigating the competitive audition process builds essential discipline, confidence, and focus under pressure. Beyond personal growth, these prestigious events strengthen college applications, open doors to future music scholarships, and foster lifelong friendships. Students had to apply; acceptance is based on their previous success in District, Region, and State festivals.
Cost: $750 per student (budgeted as part of the Band-Chorus budget)

Outlook

FW: Mid Winter Mayhem Approval

From Scott Kyper <scottkyper@norleb.k12.pa.us>
Date Sun 10/25/2026 10:36 AM
To Lauren Bruce <lbruce@norleb.k12.pa.us>; Ann L. Hartman <ahartman@norleb.k12.pa.us>

FYI for November board approval.

Scott Kyper, Ed.D
Athletic Director/Assistant Principal
Northern Lebanon School District
O - (717)-865-2117, ext. 13503
scottkyper@norleb.k12.pa.us

From: Russell W. Wallace <rwallace@norleb.k12.pa.us>
Sent: Friday, October 23, 2026 8:43 PM
To: Scott Kyper <scottkyper@norleb.k12.pa.us>; Phillip Shirk <phillipshirk@norleb.k12.pa.us>
Cc: 4bressler@comcast.net
Subject: Mid Winter Mayhem Approval

For the board agenda

Boys Request:

I respectfully request School Board approval for the Northern Lebanon Wrestling team to participate in the Mid Winter Mayhem Tournament at Indiana University of Pennsylvania (IUP). This tournament will provide our student-athletes with a valuable opportunity to compete against quality opponents, gain competitive experience, and represent Northern Lebanon in a highly respected event.

The team will travel in two school vans, departing on Thursday, January 7, and returning on Saturday, January 10.

Thank you for your consideration of this request.

Girls Request:

I respectfully request School Board approval for the Northern Lebanon Girls Wrestling team to participate in the Lady Mid Winter Mayhem Tournament at Indiana University of Pennsylvania (IUP). This event will provide our female student-athletes with the opportunity to compete against high-quality competition, continue developing their wrestling skills, and represent Northern Lebanon on a statewide stage.

The team will depart on Friday, January 8, and return on Sunday, January 10.

Thank you for your consideration of this request.

Rusty Wallace Jr.

Northern Lebanon High School

Head Wrestling Coach

717-954-2245

Outlook

FW: Mid Winter Mayhem Approval

From Scott Kyper <scottkyper@norleb.k12.pa.us>
Date Sun 10/25/2026 10:36 AM
To Lauren Bruce <lbruce@norleb.k12.pa.us>; Ann L. Hartman <ahartman@norleb.k12.pa.us>

FYI for November board approval.

Scott Kyper, Ed.D
Athletic Director/Assistant Principal
Northern Lebanon School District
O - (717)-865-2117, ext. 13503
scottkyper@norleb.k12.pa.us

From: Russell W. Wallace <rwallace@norleb.k12.pa.us>
Sent: Friday, October 23, 2026 8:43 PM
To: Scott Kyper <scottkyper@norleb.k12.pa.us>; Phillip Shirk <phillipshirk@norleb.k12.pa.us>
Cc: 4bressler@comcast.net
Subject: Mid Winter Mayhem Approval

For the board agenda

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Rusty Wallace Jr.

Northern Lebanon High School

Head Wrestling Coach

717-954-2245

Co-Curricular Activity	Position	GROUP	Name	2026-2027 MOU STEP 1, 2, 3 or 4
Marching Band	Director	Group 1	Kevin Poole	4
Marching Band	Assistant Director	Group 4	Jason Getz	4
Marching Band	Marching Technician	Group 4	Not Filled	1
Marching Band	Pit Instructor	Group 5	Not Filled	1
Marching Band	Drumline Instructor	Group 4	Ed Bolles	4
Marching Band	Color Guard Instructor	Group 4	Megan Troup	4
Marching Band	Visual Instructor	Group 4	Lynnette Shirk	4
Concert/Jazz Band Director	Director	Group 2	Kevin Poole	4
Choral Director/ Chamber Choir	Director	Group 2	Autumn Deck	4
Fall Play Staff	Director	Group 3	Brooke Bomberger	4
Fall Play Staff	Assistant	Group 4	Christina Boltz	4
Fall Play Staff	Set Design/Build	Group 6	James Bomberger	1
Fall Play Staff	Set Design/Build	Group 6	Michael Houser	4
Fall Play Staff	Set Design/Costumes	Group 6	Rhonda Houser	4
Fall Play Staff	Box Office	Group 6	Lora Varvel	4
Musical Staff (SPRING)	Director	Group 2	Brooke Bomberger	4
Musical Staff (SPRING)	Music Director	Group 3	Autumn Deck	4
Musical Staff (SPRING)	Technical Director	Group 3	Christina Boltz	4
Musical Staff (SPRING)	Choreography	Group 4	Heidi Hubbard	4
Musical Staff (SPRING)	Box Office	Group 4	Lora Varvel	4
Musical Staff (SPRING)	Marketing	Group 7	Anita Barr	4
Musical Staff (SPRING)	Set Design	Group 5	Michael Houser	4
Musical Staff (SPRING)	Set Design	Group 5	Rhonda Houser	4
Musical Staff (SPRING)	Set Design	Group 5	Brad Boltz	4
Musical Staff (SPRING)	Set Painter	Group 4	Ermina Guth	4
Yearbook Staff	Advisor	Group 2	Matthew Berdinka	4
Senior Class Advisors	Advisor	Group 4	Gary Bouchette	4
Senior Class Advisors	Advisor	Group 4	Tricia Schafebook	4
Senior Class Advisors	Advisor	Group 4	Scott Hopkins	4
Junior Class Advisors	Advisor	Group 5	Charity Stohler	4
Junior Class Advisors	Advisor	Group 5	Tammy L. Long	3
Sophomore Class Advisors	Advisor	Group 5	Brooke Bomberger	3
Sophomore Class Advisors	Advisor	Group 5	Lisa Moyer	3
Freshman Class Advisors	Advisor	Group 5	Jason Getz	4
Freshman Class Advisors	Advisor	Group 5	Adam Molinaro	1
Student Council Advisors	Advisor	Group 4	Anita Barr	4
Student Council Advisors	Advisor	Group 4	Jennifer Zemba	4
National Honor Society Advisors	Advisor	Group 5	Kelita Gehres	4
National Honor Society Advisors	Advisor	Group 5	Jennifer Zemba	4
Varsity Club	Advisor	Group 6	Gary Bouchette	4
Varsity Club	Advisor	Group 6	Tricia Schafebook	4
Varsity Club	Advisor	Group 6	Nick Shewell	4
HS Quiz Bowl	Advisor	Group 3	Ronda Sowers	4

Co-Curricular Activity	Position	GROUP	Name	2026-2027 MOU STEP 1, 2, 3 or 4
Model UN	Advisor	Group 6	Jason Getz	4
SADD/SHADE	Advisor	Group 5	Julie Beidler	4
SADD/SHADE	Advisor	Group 5	Tammy L. Long	1
Detention Monitors	Monitor	Group 4	James Hoffer	4
Detention Monitors	Monitor	Group 4	Lori Daubert	3
Weight Room Coordinator	Advisor	Group 2	Gary Bouchette	4
FACS	Advisor	Group 6	Amanda Frye	4
FACS	Advisor	Group 6	Ivy Bentz	4
Future Business Leaders of America	Advisor	Group 7	Jason Getz	4
Art Club	Advisor	Group 7	Jennifer Zemba	4
Chess Club	Advisor	Group 7	OPEN	1
Future Farmers of America (FFA)	Advisor	Group 4	Jennifer Balmer	4
Future Farmers of America (FFA)	Advisor	Group 4	Lisa Boltz	2
Mini-THON	Advisor	Group 5	Elizabeth Kline	4
Mini-THON	Advisor	Group 5	Lori Zerbe	4
Mini-THON	Advisor	Group 5	Taylor Rodriguez	4
Mini-THON	Advisor	Group 5	Kara Rhoads	4
Ski Club	Advisor	Group 7	Jennifer Zemba	4
Ski Club	Advisor	Group 7	Jennifer Thoman	4
Small Business Enterprises Club	Advisor	Group 7	James Hoffer	4
Small Business Enterprises Club	Advisor	Group 7	Anita Barr	4
Spanish Club	Advisor	Group 6	Natalie Snyder	4
Spanish Club	Advisor	Group 6	Kristie de Mackiewicz	4
Hunting, Trapping and Fishing Club	Advisor	Group 7	Tim Biever	3
Volunteer Club	Advisor	Group 7	Taylor Rodriguez	1
Volunteer Club	Advisor	Group 7	Bentley Bartell	1
American Sign Language Club	Advisor	Group 6	Beth Ann Benfer	4
American Sign Language Club	Advisor	Group 6	Natalie Horst	4
HS Cooking Club	Advisor	Group 6	Amanda Frye	4
HS Bible Club	Advisor	Group 7	Jared Horst	4
HS Envirothon	Advisor	Group 6	Jennifer Balmer	4
HS Envirothon	Advisor	Group 6	Ronda Sowers	4
Technology Student Association (TSA) Club	Advisor	Group 6	Andrew Banias	2
Technology Student Association (TSA) Club	Advisor	Group 6	James Hoffer	4
HS Valiant Vikes	Advisor	Group 7	Kelita Gehres	4
Math Honor Society (Mu Alpha Theta)	Advisor	Group 6	OPEN	1
Tennis and Racquetball Club	Advisor	Group 5	Matthew Berdinka	3
Writing Club	Advisor	Group 7	Sylvannah Gulley	3
Aevidum - I got your back club	Advisor	Group 7	Kara Rhoads	3
Aevidum - I got your back club	Advisor	Group 7	Kelita Gehres	2
Ecology Club/Extreme Sports	Advisor	Group 6	Tricia Schafebook	4
Ecology Club/Extreme Sports	Advisor	Group 6	Gary Bouchette	3
Ecology Club/Extreme Sports	Advisor	Group 6	Ronda Sowers	4

Co-Curricular Activity	Position	GROUP	Name	2026-2027 MOU STEP 1, 2, 3 or 4
Educators Rising Club	Advisor	Group 6	Amanda Frye	2
Educators Rising Club	Advisor	Group 6	Sonya Randall	2
Club America TPUSA	Advisor	Group 5	Doug White	2
Trading Card Game Club	Advisor	Group 7	Brett Bicksler	2
Clash Royale Club	Advisor	Group 7	Andrew Banias	2
After School Tutoring	Advisor	Group 4	Erin Butz-Tobias	1
After School Tutoring	Advisor	Group 4	Amy Wingerter	1
NL Power Lifting	Advisor	Group 5	Joshua Thompson	2
NL Soccer Club	Advisor	Group 5	Scott Snyder	2
HS Reading Olympics	Advisor	Group 7	Kristy Bugg	1

Co-Curricular Activity	Position	Name	2026-2027 STEP
Communication Arts	Department Chair	Kelita Gehres	4
Communication Arts	Department Chair	Natalie Snyder	4
Mathematics	Department Chair	Jennifer Thoman	4
Sciences	Department Chair	Henry Saner	4
Design	Department Chair	Matthew Berdinka	3
Humanities	Department Chair	Charity Stohler	4
Special Services	Department Chair	Lori Zerbe	4
Instructional Leader - Science	Instructional Leader	Amy Allen	4
Instructional Leader - Social Studies	Instructional Leader	Mark Opreska	3
Instructional Leader - Math	Instructional Leader	Terry Barlet	4
Instructional Leader - English	Instructional Leader	Julianna Toro	2

Co-Curricular Activity	Position	GROUP	Name	2026-2027 MOU STEP 1, 2, 3 or 4
MS Choral Director	Director	Group 5	Autumn Deck	4
MS Band Director	Director	Group 5	Kevin Poole	4
MS National Honor Society	Advisor	Group 5	Julianna Toro	3
MS Student Council	Advisor	Group 5	Taylor Rodriguez	3
MS Student Council	Advisor	Group 5	Bentley Bartell	2
MS Student Council	Advisor	Group 5	Sonya Randall	1
MS Service Club	Advisor	Group 6	Ermina Guth	4
MS Yearbook	Advisor	Group 6	Sonya Randall	4
MS Valiant Vikes	Advisor	Group 7	Tammy L. Long	2
Chess Club	Advisor	Group 7	OPEN	1
MS Enviro-thon	Advisor	Group 6	Jennifer Balmer	1
MS Enviro-thon	Advisor	Group 6	Anita Barr	4
MS Ski Club	Advisor	Group 7	Doug White	1
MS Cooking Club	Advisor	Group 6	Amanda Frye	4
Dungeons and Dragons Club	Advisor	Group 7	Benjamin Hoover	3
Dungeons and Dragons Club	Advisor	Group 7	Elanor Montijo	2
MS Agriculture Club	Advisor	Group 7	Jennifer Balmer	4
MS Bible Club	Advisor	Group 7	Jared Horst	2
Tennis and Racquetball Club	Advisor	Group 5	Madison Ayers	3
MS Boys Volleyball	Advisor	Group 4	Brandt Barr	4
MS Boys Volleyball	Advisor	Group 4	Sean Williams	4
7th Grade Class Advisor	Advisor	Group 6	Madison Ayers	2
8th Grade Class Advisor	Advisor	Group 6	Julianna Toro	3
MS Reading Olympics	Advisor	Group 7	Kristy Bugg	4
Girls on the Run	Advisor	Group 7	Kara Rhoads	3
Girls on the Run	Advisor	Group 7	Meghan Tavani	3
Girls on the Run	Advisor	Group 7	Erin Butz-Tobias	3
MS Quiz Bowl	Advisor	Group 3	Dan Lingle	1
MS Art Club	Advisor	Group 6	Ermina Guth	3
SLAM	Advisor	Group 7	Meghan Tavani	3
SLAM	Advisor	Group 7	Cody Reese	1
SLAM	Advisor	Group 7	Mark Opreska	1
MS Writing Club	Advisor	Group 7	OPEN	1

* Start dates for all new hires will be determined upon the successful completion of pre-employment requirements.

MONTH APPROVED	PROFESSIONAL SUBSTITUTES (IU)		PROFESSIONAL SUBSTITUTES		CLASSIFIED SUBSTITUTES
	(emergency permit for 2026-2027)		**(teaching certificate)**		
AUGUST	David Sollenberger		Ronda Sowers		Brenda Smith
	Jennifer Black		Mark Hubbard		Rachel Martin
	Arthur Lyon		Midge Battistelli		Laura Edcius
	Marian Lyon		Madison Groseclose		Kathleen Meadows
	Mary Chehata		Jeanne Witman		Jean Soliday
			Lisa Mosco		Stacy Serrano
			John Chan		
			Jeffrey Grubb		
			Erin Oliver		
			Daniel Hess		
			Emma Madaras		
			Joyce Kunkle		
			Rachel England		
			Stacy Serrano		
			Debra Tice		
			Natalie Horst		
SEPTEMBER	Leah Arnold		Cheryl Burt		Leticia Inirio
	Rhonnda Bentz		Carol Hershey		Nancy Evans
	Susan Wright-Dengler		Katie Landis		Angela Breidenstine
	Susan Campbell		Daniel LaRue		Cheryl Burt
	Collette Matthews		Julianna Lindberg		Alisha Kuntz
			Helen Raba		Leann Snyder
			Leann Snyder		Angela Ulm
OCTOBER	Eric Hawk		Rewan Shalabi (LVC Student)		Hailey Rutt
	Emma Maderas		Stacey Lipton		Heidi Swonger
	Gabrielle Bicher				Melanie Cortes
					Michelle Stokrp (Custodial)
					Kasey Schiano Di Cola
					Lena Royer
					Dorothy Watkins
NOVEMBER	Naomi Atkins		Susan Dow		Susan Dow
	Gerald McAteer				Emily Uhler
	Jennifer Stanhope Lamoreux				Tina Kramer
	Darian Littlejohn				

- Start dates for all new hires will be determined upon the successful completion of pre-employment requirements.
- Failure to meet necessary pre-employment requirements may result in wages being reduced.
- These appointments are one year and must be renewed annually by the Board
- Coaches may also serve as game help outside of their assignment, assuming that all pre-employment requirements have been met.

Agenda	First Name	Last Name	Sport	Position	Salary	
MAY	Laurie	Beers	Field Hockey	Asst. Coach	$2,800	
JUNE	Kasey	Weimer	Field Hockey	Volunteer		
	Carrie	Shuey	Field Hockey	Volunteer		
	Kaley	Donmoyer	Field Hockey	Volunteer		
	Gavin	Scherer	Football	Volunteer		
	Kieran	Purcell	Football	Volunteer		
	Ken	Battistelli	Girls' Basketball	Head Coach	$8,592	
	Gina	Battistelli	Girls' Basketball	Asst. Coach	$3,416	
	Chris	Battistelli	Girls' Basketball	Asst. Coach	$5,925	
	Daryl	Hess	Girls' Basketball	Asst. Coach	$3,129	
	Cassiah	Ray	Girls' Basketball	Asst. Coach	$4,467	
	Scott	Hopkins	Girls' Basketball	Asst. Coach	$2,913	
	Mike	Tavani	Girls' Basketball	Volunteer		
	Andre	Hilliard	Boys' Basketball	Asst. Coach	$5,208	
	Beau	Moyer	Boys' Basketball	Asst. Coach	$2,604	
	John	Kramer	Boys' Basketball	Asst. Coach	$2,604	
	Tyrese	Fuller	Boys' Basketball	Asst. Coach	$4,419	
	Jayson	Pilsitz	Boys' Basketball	Asst. Coach	$2,604	
	Collin	Wall	Boys' Basketball	Volunteer		
	Rusty	Wallace	Boys' Wrestling	Head Coach	$9,147	
	Gerry	Bressler	Boys' Wrestling	Head Coach	$6,971	
	Hunter	Wallace	Boys' Wrestling	Asst. Coach	$5,543	
	Luke	Funck	Boys' Wrestling	Asst. Coach	$5,208	
	Zach	Kelly	Boys' Wrestling	Asst. Coach	$5,303	
	Brian	Campbell	Boys' & Girls' Wrestling	Asst. Coach	$4,507	
	Sonya	Bressler	Girls' Wrestling	Asst. Coach	$2,081	
	Randy	Breidegan	Girls' Wrestling	Asst. Coach	$3,131	
	Brandon	Groff	Wrestling	Volunteer		
	Colin	Leonard	Wrestling	Volunteer		
	Blaise	Bressler	Wrestling	Volunteer		
	Kai	Whitman	Wrestling	Volunteer		
	Dylan	Killian	Wrestling	Volunteer		
	Clovis	Crane	Wrestling	Volunteer		
	Bill	Samuels	Bowling	Head Coach	$3.254	
	Tracy	Crosson	Bowling	Asst. Coach	$1,964	
	Josh	Evans	Bowling	Volunteer		
	Daniel	Lingle	Bowling	Volunteer		
	Mike	Zombro	Bowling	Volunteer		
	Tricia	Schafebook	Winter Track	Head Coach	$3,285	
	Adam	Molinaro	Winter Track	Asst. Coach	$1,984	
	Andy	Banias	Winter Track	Volunteer		
	Dakotah	Leonard	Winter Track	Volunteer		

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Agenda	First Name	Last Name	Sport	Position	Salary	
	Megam	Auman	Winter Track	Volunteer		
	Tyler	Shunk	Winter Track	Volunteer		
	Aiden	Bertrand	Winter Track	Volunteer		
	Sonya	Randall	Cheerleading	Head Coach	$4,865	
	Melinda	George	Cheerleading	Asst. Coach	$2,913	
	Lana	George	Cheerleading	Volunteer		
	Sierra	Smallwood	Cheerleading	Volunteer		
	Eugene	Kreitzer, Jr.	Girls' Volleyball	Asst. Coach	$4,425	
	Jessica	Fry	Girls' Volleyball	Asst. Coach	$2,800	
	Trevor	Peire	Girls' Volleyball	Volunteer		
	Claire	Borcky	Girls' Volleyball	Volunteer		
SEPT	Claire	Borcky	Girls' Volleyball			Resigned
	Nathan	Swank	Girls' Volleyball	Volunteer		
	Jason	Morales	JH Boys' Soccer	Volunteer		
	Josh	Thompson	Football	Volunteer		
	Ron	Copenhaver	Football		$5,487	Adjusted Pay
	Matt	Madonna	Football		$5,208	Adjusted Pay
OCT	Ashlyn	Messinger	Girls' Basketball	Volunteer		
	Mike	Gesford	Girls' Wrestling	Volunteer		
	Sophia	Opaza	Girls' Wrestling	Volunteer		
	Levi	Arms	Girls' Wrestling	Volunteer		
	Kevin	Feagley	Girls' Wrestling	Volunteer		
	Morgan	Flamm	Girls' Wrestling	Volunteer		
NOV	Jackie	Gesford	Girls' Wrestling		$2,913	
	Cody	Reese	Wrestling	Volunteer		
	Julian	Zaragoza	Wrestling	Volunteer		
	Anna	Lanka	Wrestling	Volunteer		
	Jayson	Pilsitz	Boys' Basketball	Asst. Coach	$2,604	Resigned
	Gary	Bouchette	Boys' Basketball	Asst. Coach	$2,604	
	Adriana	Cortez	Cheerleading	Volunteer		
	Tanner	Feagley	Wrestling	Volunteer		

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* Pending all prerequisite items completion.

	Event Staff - School Employees			Event Staff - Non-School Employees
AUG	Amy Hoke		**AUG**	Kelley Clark
	Anita Barr			Jason Mauser
	Natalie Snyder			Alyssa Tober
	Chris Fellows			Melissa Kneasel
	Jared Horst			Rick Johnson
	Charity Stohlwe			Dan Hess
	Gary Bouchette			John Brewer
	Jennifer Zemba			Dennis Gottesman
	Ben Hoover			Dan Eisenhauer
	Scott Hopkins			Brant Barr
	Julie Beidler			Collin Wall
	John Confer			Chandra Martino
	Sylvannah Gulley			Jennifer Wenek
	Henry Saner		**OCT**	Michelle Stokrp
	Mardelle Bouchette			Emily Shirk
	Tammy K. Long			Hudson Brown
	Tammy L. Long			Eva Frank-Stevens (AT Substitute)
	Lori Daubert			Erin Ulrich (AT Substitute)
	Cindy Nichols		**NOV**	Abigail Carpenter (Retroactive September 9)
	Jim Hoffer			
	Michelle Deitzler			
	Laurie Beers			
	Andy Banias			
	Kim Showers			
	Linda Kubica			
SEP	Madison Ayers			
	Michele Lowen			
	Michele Seltzer			
OCT	Michelle Bates			
	Hayden Daubert			

	Taylor Rodriguez			
NOV	Bentley Bartell (Retroactive October 13)			

2026-2027 Krise Transportation New Hires and Inactive Employees					
Agenda	**First Name**	**Last Name**	**Position**	**Action**	**Date**
September Mtg					
	Ryan	Bell	Aide	New Hire	8/5/26
	Megan	Rutter	Van driver	New Hire	8/10/26
	Betty	Spangler	Van driver	New Hire	8/10/26
	Jay	Hoke	Van driver	New Hire	8/18/26
	Dallas	Brashear	Van driver	New Hire	8/24/26
	Charles	Smith	Van driver	New Hire	8/25/26
	Corinne	Suarez	Van driver	New Hire	8/25/26
	Mary	Cooney	Bus driver	New Hire	8/27/26
	Wilfredo	Rosario	Van driver	New Hire	8/27/26
	Daniel	Strouse	Van driver	Visiting Driver	9/2/26
	Stephen	Grogg	Van driver	Visiting Driver	9/2/26
	Brian	Taylor	Van driver	Visiting Driver	9/2/26
October Mtg					
	Sean	Miller	Van driver	Visiting Driver	9/3/26
	Denise	Miller	Van driver	Visiting Driver	9/9/26
	Marcus	Noel	Van driver	Visiting Driver	9/11/26
	Cameron	Bates	Van driver	New Hire	9/14/26
	Monica	Grissom	Van driver	Visiting Driver	9/16/26
	Jay	Arenas	Van driver	Visiting Driver	9/23/26
	Ivonne	Vasques	Van driver	New Hire	9/21/26
	Lisa	Martin	Van driver	New Hire	9/29/26
	Renaldo	De-Leon-Viera	Van driver	New Hire	9/30/26
November Mtg					
	Ivette	Aquino	Van Driver	New Hire	10/5/26
	Lawrence	Noyer Jr	Monitor	New Hire	10/5/26
	Aubrey	Barnhart	CDL	Visiting Driver	10/14/26
	Robin	Lawson	CDL	Visiting Driver	10/14/26
	Michele	Stonesifer	CDL	Visiting Driver	10/14/26
	Pamela	Heagy	CDL	Substitute Driver	10/20/26

BOARD POLICY

109 Resource Materials

POLICY NUMBER	ADOPTED	REVISED	VERSION
109	4/9/2019	5/6/2025	v1.5
DOCUMENT STATUS	**PRINTED**		
DRAFT	10/21/2026		

Purpose

The Board shall provide instructional and evaluative materials to implement the District and school educational goals and objectives. [1] [2]

Definition

Such materials shall include reference books, other supplementary titles, all audio-visual materials, maps, library books, library print and library nonprint, and all other instructional material.

Responsibility

The Superintendent, after consultation with administrative and instructional staff, shall be responsible for the selection, inventory and maintenance of all resource materials.

The Superintendent or designee shall establish administrative regulations for the selection of resource materials which:

1. Appoint appropriate administrative and instructional staff to select resource materials.
2. Ensure that the Board's budgetary allotment for resource materials is efficiently spent and wisely distributed throughout the instructional program.
3. Ensure an inventory of resource materials that is well balanced and well rounded in coverage of subject and types of materials.

Standards

The Superintendent is directed to apply the following standard to the selection of resource materials:

1. Materials shall be suited to the varied interests, abilities, reading levels, and maturation levels of the pupils to be served.
2. Materials shall be factually accurate and of genuine literary or artistic value.
3. Materials shall be of a quality and durability appropriate to their intended use and longevity.
4. Materials shall relate to, support, and enrich the courses of study adopted by the Board.

Legal Footnotes

[1] **24 P.S. 801**
LEGAL REFERENCE

[2] **24 P.S. 803**
LEGAL REFERENCE

Legal References

Additional References

24 P.S. 807.1
LEGAL REFERENCE

Pol. 610
LEGAL REFERENCE

BOARD POLICY

249 Bullying/Cyberbullying

POLICY NUMBER	VERSION	DOCUMENT STATUS	WORKFLOW
249	v2	UNDER-REVIEW	Request Association Review

PRINTED
10/28/2026

Purpose

The Board is committed to providing a safe, positive learning environment for district students. The Board recognizes that bullying creates an atmosphere of fear and intimidation, detracts from the safe environment necessary for student learning and may lead to more serious violence. Therefore, the Board prohibits bullying by district students.

Definitions

Bullying means an intentional electronic, written, verbal or physical act or series of acts directed at another student or students, which occurs in a school setting and/or outside a school setting, that is severe, persistent or pervasive and has the effect of doing any of the following:[1]

1. Substantially interfering with a student's education.
2. Creating a threatening environment.
3. Substantially disrupting the orderly operation of the school.

Bullying, as defined in this policy, includes cyberbullying, via any form of electronic communication, including but not limited to phone, internet, email, text messaging, chat rooms, and/or instant messages. Where appropriate, the Board directs that instances of bullying or cyberbullying be referred to law enforcement.

Cyberbullying, is defined as bullying through the use of electronic technology or communication, including data, computer software, or online platforms regardless of origin, using a device, system, network, internet service, email, social media or other digital means, including artificial intelligence generated or modified media. The conduct must:

- Be directed at another student or students;
- Be severe, persistent, or pervasive; and
- Have the effect of doing any of the following:
  - Substantially interfering with a student's education;
  - Creating a threatening environment; or
  - Substantially disrupting the orderly operations of the school.

School setting means in the school, on school grounds, in school vehicles, at a designated bus stop or at any activity sponsored, supervised or sanctioned by the school.[1]

Authority

The Board prohibits all forms of bullying by district students.[1]

The Board encourages students who have been bullied to promptly report such incidents to the building principal or designee.

Students are encouraged to use the district’s report form, available from the building principal, or to put the complaint in writing; however, oral complaints shall be accepted and documented. The person accepting the complaint shall handle the report objectively, neutrally and professionally, setting aside personal biases that might favor or disfavor the student filing the complaint or those accused of a violation of this policy.

The Board directs that complaints of bullying shall be investigated promptly, and corrective action be taken when allegations are verified. Confidentiality of all parties, witnesses, the allegations, the filing of a complaint and the investigation shall be handled in accordance with applicable law, regulations, this policy and the district's legal and investigative obligations. Reprisal or retaliation relating to reports of bullying or participation in an investigation of allegations of bullying is prohibited and shall be subject to disciplinary action.

Title IX Sexual Harassment and Other Discrimination

Every report of alleged bullying that can be interpreted at the outset to fall within the provisions of policies addressing potential violations of laws against discrimination or discriminatory harassment shall be handled as a joint, concurrent investigation into all allegations and coordinated with the full participation of the Compliance Officer and Title IX Coordinator. If, in the course of a bullying investigation, potential issues of discrimination or discriminatory harassment are identified, the Compliance Officer and Title IX Coordinator shall be promptly notified, and the investigation shall be conducted jointly and concurrently to address the issues of alleged discrimination or harassment as well as the incidents of alleged bullying. **[4]** **[5]**

Delegation of Responsibility

Each staff member shall be responsible to maintain an educational environment free of bullying.

Each student shall be responsible to respect the rights of others and to ensure an atmosphere free from bullying.

The Superintendent or designee shall develop administrative regulations to implement this policy.

The Superintendent or designee shall ensure that this policy and administrative regulations are reviewed annually with students.[1]

The Superintendent or designee, in cooperation with other appropriate administrators, shall review this policy every three (3) years and recommend necessary revisions to the Board.[1]

District administration shall annually provide the following information with the Safe School Report:[1] **[6]**

1. Board's Bullying Policy.
2. Report of bullying incidents.
3. Information on the development and implementation of any bullying prevention, intervention or education programs.

Guidelines

The policy shall be posted in a prominent location within each school building and on the district website, if available.

Education

The district may develop and implement bullying prevention and intervention programs. Such programs shall provide district staff and students with appropriate training for effectively responding to, intervening in and reporting incidents of bullying.[1][9][10] **[11]**

Consequences for Violations

A student who violates this policy shall be subject to appropriate disciplinary action consistent with the Code of Student Conduct, which may include:[1] **[7]** **[12]**

1. Counseling within the school.
2. Parental conference.
3. Loss of school privileges.
4. Transfer to another school building, classroom or school bus.
5. Exclusion from school-sponsored activities.
6. Detention.
7. Suspension.
8. Expulsion.
9. Counseling/Therapy outside of school.
10. Referral to law enforcement officials.

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Legal Footnotes

[1] **24 P.S. 1303.1-A**
LEGAL REFERENCE

[4] **Pol. 103 — Discrimination/Title IX Sexual Harassment Affecting Students**
POLICY REFERENCE

[5] **Pol. 103.1 — Nondiscrimination — Qualified Students With Disabilities**
POLICY REFERENCE

[6] **Pol. 805.1 — Relations With Law Enforcement Agencies**
POLICY REFERENCE

[7] **Pol. 218 — Student Discipline**
POLICY REFERENCE

[9] **20 U.S.C. 7118**
LEGAL REFERENCE

[10] **24 P.S. 1302-A**
LEGAL REFERENCE

[11] **Pol. 236 — Student Assistance Program**
POLICY REFERENCE

[12] **Pol. 233 — Suspension and Expulsion**
POLICY REFERENCE