WARRIORS

WYOMING AREA SCHOOL DISTRICT

Program of Studies
2017-2018

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WYOMING AREA SCHOOL DISTRICT
SECONDARY CENTER
252 Memorial Street
Exeter, PA 18643
570-655-2836

ADMINISTRATION:

Mrs. Janet M. Serino	Superintendent
Mrs. Christine Rosenkrans	Director of Curriculum and Instruction
Mrs. Vanessa Nee	Director of Special Education
Dr. Jon Pollard	Secondary Center Principal
Mrs. Cathy Ranieli	Assistant Secondary Center Principal
Mr. David Pacchioni	Assistant Secondary Center Principal for Discipline

SECONDARY CENTER COUNSELORS:

Mr. Brian Butler
Mrs. Jennifer Ciampi
Mr. Robert Yatsko

DEPARTMENT CHAIRS:

Mr. Joseph Pizano	Health & Physical Education
Mrs. Patricia Whaley	Special Education
Mrs. Shea Riley	Music
Mr. James Belles	Career Technology
Mr. Michael Romanowski	Mathematics (Grades 7-9)
Mr. Leo Lulewicz	Mathematics (Grades 10-12)
Mrs. Paula Ball	Nursing Services
Mr. David Pizano	Science
Mrs. Maureen Pikas	Social Studies
Mr. Carmen Latona	English
Mrs. Christine Marianacci	Foreign Languages
Mr. Thomas Loftus	Family & Consumer Science
Mrs. Tosca Villano	Art
Mrs. Charlene Berti	Library
Mr. Brian Butler	Guidance

EDUCATIONAL PHILOSOPHY:

The Wyoming Area School District subscribes to the philosophy that equal opportunity in education is fundamental to equality in all forms of human endeavor. All programs and services offered by the Wyoming Area School District will be available to all students at a given level without regard to race, religion, handicap, sex, national origin, or socioeconomic status.

In addition, the Wyoming Area School District maintains that all students deserve an opportunity to achieve to their maximum intellectual potential, including the development of their ability to apply that intellect to the solution of the problems of citizenship in a democratic society. The ultimate goal of the district's Special Education program is to develop in the exceptional student the ability to think and act independently.

Any student or parent desiring further information on the specific Special Education programs and services available in our District may contact the Guidance office at the Secondary Center. The phone number is (570) 655-2836.

SUPERINTENDENT'S MESSAGE:

Dear Parents and Students:

We have a rich tradition of academic excellence at Wyoming Area, which has been consistently demonstrated over the years in the Pennsylvania School System Assessment and Keystone Exam results, and in the distinguished college placements and scholastic awards that our students have achieved. This is due largely to the strong curriculum we offer, our faculty setting high expectations and the involvement of our parents in their child's education.

It is the time of year for your son or daughter to select a Program of Studies for the coming school year. This important decision will have an impact on their future lives. It is important that you be involved in this team decision (parent and child) in selecting the proper courses that are consistent with your child's future educational plans and career goals. The rigorous and challenging course selections in our high school meet the diverse needs of all our students for admission into college as well as for those students who plan on entering the workforce. The course selections, in combination with high school achievement and references, will qualify your son or daughter for the college and career plans of his or her choice.

I encourage all students to choose a schedule of courses that are challenging built upon your interests and strengths. New careers are emerging in our highly competitive society of the 21st Century. Take advantage of the educational opportunities you have at Wyoming Area to achieve the career of your choice.

Ask questions and seek information – our teachers, counselors and administrators are excellent sources of information and are accessible to you. Please do not hesitate to use the resources available to assist you in this process.

Sincerely,

JANET M. SERINO
SUPERINTENDENT

GENERAL INFORMATION:

TO THE STUDENT:

This Program of Studies booklet has been carefully planned so that all students will have an opportunity to adequately prepare for his/her future. Whether you plan to go on to higher education, to enter the labor market, or to enter the military service, the opportunity to select courses which will meet your specific needs, interests and abilities is provided by this school.
Be honest and realistic as you plan your individual program of studies. Seek the advice of your parents, your counselor, and your teachers. Remember, these decisions may very well determine, or substantially contribute to your future successes. Accept the challenges that each course offers and dedicate yourself to hard work and a spirited and wholesome attitude. Be a contributing member of the student body, your homeroom, your academic classes, as well as various other school activities. Your participation will make your high school years more rewarding, more interesting, and certainly more enjoyable.

COURSE SELECTION:

Starting with the 2017-2018 school year, the Wyoming Area will begin to utilize a 6 day rotation for schedule creation. This provides students with flexibility for students to take required and elective course selections to meet their post-secondary career and college plans while allowing the student explore other areas of interest. As in the past, some courses will not meet every day, however using a rotation will permit those classes to meet on a more consistent basis when we factor holiday breaks and other planned calendar events.

Each student should schedule a minimum of 6.5 credits of academic classes per year. All students are encouraged to plan a program beyond these minimum requirements. Seniors who qualify for the Senior Sign-In Privilege, should schedule a minimum of 6.25 credits of academic classes for their Senior Year.

In any course offered to all grade levels, preference will be given to seniors. The school reserves the right to cancel any course from its educational program for which there is insufficient enrollment.

Students and parents are advised that JULY 15TH IS THE DEADLINE for making any course request changes. Except for administrative necessity, no requests for changes will be honored after that date. Students who do not meet the recommended prerequisites for a course will not be permitted to request courses they for which do not qualify. There will be no waivers permitted.

Student schedules will only be changed within the first five (5) days of the new school year. Schedule changes must be approved by the administration and in consultation with the parent/guardian and teacher and will only be made for valid educational reasons.

GRADUATION REQUIREMENTS:

In order to earn a High School Diploma from the Wyoming Area School District, students must accumulate credits earned for successful completion of academic coursework. In addition, for

students scheduled to graduate in the Class of 2019 and beyond, students are required to demonstrate proficiency on Keystone Exams in the following content areas: Literature, Biology, and Algebra I.

CREDIT ACCUMULATION:

Students must earn a minimum of twenty-two (22) credits to qualify for graduation from Wyoming Area High School. 17.2 of these credits must be earned in major subjects. The minimum requirements for graduation also stipulate that the 17.2 credits must be earned as follows:

<table>
<tr><td>English</td><td>Social Studies</td><td>Mathematics</td><td>Science</td></tr>
<tr><td>4 Credits
(1 per Year)</td><td>4 Credits
(1 per year)</td><td>3 Credits</td><td>3 Credits</td></tr>
<tr><td colspan="2">Health/Physical Education</td><td>Arts and Humanities</td><td>Electives</td></tr>
<tr><td colspan="2">1.2 Credits
(.4 in Health and .8 in Physical Education)</td><td>2 Credits</td><td>Remaining</td></tr>
</table>

KEYSTONE EXAMS:

The Keystone Exams are end-of-course assessments designed to assess proficiency in the subject areas of Algebra I, English Literature, and Biology. The Keystone Exams are one component of Pennsylvania's new system of high school graduation requirements. Keystone Exams will help school districts guide students toward meeting state standards.

Students who struggle achieving proficiency in one or more of the Keystone Exam content areas will be given the opportunity to remediate and re-test. In addition, based on certain criteria, students may be offered project based assessment (PBAs) in lieu of a passing score on the Keystone Exam.

SCHOOL COUNSELING SERVICES:

Each student is assigned a school counselor on a horizontal basis. The counselor will have a given student successively in grades 9, 10, 11 & 12. Counselors work with the student in the areas of educational and vocational planning, as well as crisis or personal counseling. The School Counseling Department utilizes career-oriented computer software programs to assist the student in self-assessment, identifying occupations, college placement and in acquiring occupational and educational information. This program begins at grade 9 and continues through grade 12.

SCHOOL COUNSELING DEPARTMENT MISSION STATEMENT:

The School Counseling Department, in accordance with the Wyoming Area education philosophy, believes the School Counseling department exists to provide all students with the opportunity to achieve their highest potential in academic, career, and social/personal endeavors. The school counseling department will provide all students with the resources to explore a wide variety of options, define goals, and maximize potential. The department will rely on input and direct collaboration with teachers, administrators, parents, students, and community members in order to provide students with appropriate and effective services. By incorporating these aspects, it is the

intent that all students will become successful learners, responsible citizens, and productive members of society

PHILOSOPHY AND CORE BELIEFS:

It is the Wyoming Area School Counseling Department's philosophy that an effective Counseling Program is designed to address the developmental needs of all students, regardless of ethnic, cultural, and racial differences. The counseling program should be in alignment with the goals established by the American School Counseling Association (ASCA) National Standards for School Counseling Programs, and the Pennsylvania Chapter 339 Comprehensive Guidance Benchmarks. We believe the implementation of a planned systematic program, ensures each student can develop his/her individual potential in three specific areas: academic development, career development, and personal/social development.

We envision the school counseling department being an integral part of the education program that is aimed to assist students in their preparation for becoming successful and productive members of a changing society. In order to ensure student success, counselors will function in a number of different capacities including: counselor, consultant, teacher, manager, and role model. Counselors will work to provide advocacy, leadership, collaboration, and systemic change to the school community. Counselors will work as a team in conjunction with teachers, administrators, parents and community members to assist students in achievement of these goals. The counseling department will continuously evaluate the effectiveness and appropriateness of programs and use data to make changes accordingly. The school counseling department will consistently acknowledge and abide by ethical principles as advocated by the American School Counselor Association.

CURRICULAR INFORMATION:

At The Wyoming Area Secondary Center students may, within certain limitations, select the curriculum that best satisfies their specific needs. It is urgently recommended that students give serious consideration to their career objective as early as possible in their high school years. In this way, and with the assistance and recommendation of their counselor, their specific program of studies will be more meaningful.

COLLEGE PREPARATORY CURRICULUM:

The college preparatory curriculum is available to students who plan on enrollment in a formal education program after high school graduation. The curriculum is designed to provide the necessary requirements in foreign languages, mathematics, and science to enable students to meet admission requirements in institutions of higher learning. Students in the college preparatory curriculum may major in a subject area (Language, Mathematics, English, Social Studies, Science, Art, Music, Career Technology, Technology Education, and Family & Consumer Sciences) by completing a three-year sequence offered by the department and by taking additional electives in the selected field.

HONORS PROGRAMS:

The Honors Program in English, Social Studies, Mathematics, and Science have been established to provide more challenge and enrichment for those students who meet the individual course prerequisites. To be admitted into an Honors level course, students are required to have the recommendation of teachers and meet the listed recommended prerequisites in each course. Teachers will evaluate students annually to determine whether the student would continue to benefit from placement in the Honors track.

All honor/accelerated classes will be recorded as such on the student's high school record and college transcript.

ADVANCED PLACEMENT PROGRAM:

The Advanced Placement (A.P.) Program at Wyoming Area provides, motivated high school students with the opportunity to take college-level courses in the high school setting. Students who participate in the program not only gain college level skills, but may also earn college credit. Upon completing a course or series of courses, students are administered advanced placement examinations in May of their junior or senior years.

The examinations are graded by the College Board Advanced Placement Program in June and are scored on a five-point scale. The results are sent to the colleges requested by the student. Normally, grades on these exams of less than 3 do not provide students with credit or advanced placement in participating colleges. Students are asked to check with the college they are interested in to determine the college's advanced placement policies.

Students and parents please note: All students enrolled in any A.P. course are highly encouraged to take the A.P. Exam in May. Students will be charged a fee of $84.00 for each advanced placement examination. This fee is payable when exams are ordered through the district. Any students receiving an A.P. exam score of 3 or better will be reimbursed by the school district for that specific exam fee based on a sliding scale. Students who score a 3 will receive 50% of the fee, students who score a 4 will receive 75% of the fee, and students who score a 5 will receive 100% of the fee. Fee Waivers are available thru College Board for students who meet the eligibility requirements set forth for the A.P. exams.

Currently Wyoming Area offers the following A.P. Courses:

A.P. ENGLISH LANGUAGE AND COMPOSITION
A.P. EUROPEAN HISTORY
A.P. AMERICAN HISTORY
A.P. AMERICAN GOVERNMENT & POLITICS
A.P. CALCULUS A/B
A.P. BIOLOGY
A.P. CHEMISTRY
A.P. PHYSICS C/MECHANICS
A.P. COMPUTER SCIENCE

DUAL ENROLLEMENT:

The Wyoming Area School District does provide students with the opportunity to take college courses while still in High School. This opportunity is possible in conjunction with local college and universities such as Luzerne County Community College, Wilkes University and King's College. Students who are interested in participating in Dual Enrollment are encouraged to speak with their Guidance Counselor. Please note that the offerings of our partner institutions may limit a student's ability to take classes offered at the Secondary Center and we cannot guarantee that any specific course or time slot will be available. We will endeavor to be flexible with students and families to make opportunities available.

GRADE REPORTING/G.P.A./CLASS RANK:

GRADE REPORTING

Student report cards are issued following each quarterly (nine-week) marking period. The grading system currently in effect at Wyoming Area High School is as follows:

Percentage Score	**Letter Grade Equivalence**
100-95	A
94-90	A-
89-85	B
84-80	B-
79-75	C
74-70	C-
69-65	D
65- Below	F
S	Satisfactory
U	Unsatisfactory
W	Withdrew from Course
I	Incomplete
P	Passing
F	Failing

WEIGHTING OF GRADES:

All Advanced Placement (A.P.) courses offered at the high school level have been assigned a weight factor to indicate the level of difficulty of that particular course. This weight factor will be used in the determination of a student's class rank.

GRADE POINT AVERAGE CALCULATIONS:

At the Wyoming Area Secondary Center a student's **Course Average** is determined by multiplying a student's **Course Grade** by the **Credit Value** for the course. To determine a student's **Cumulative Average**, the **Course Average** is totaled and divided by the number of attempted credits. Please see example listed below

Course	Course Grade	Credit Value	Course Average
Math	95	1.0	95
English	95	1.0	95
Social Studies	95	1.0	95
Science	95	1.0	95
Physical Ed.	95	.34	32.3
Foreign Lang.	95	1.0	95
Elective	95	.50	47.5
Elective	95	1.0	95
	TOTAL	**6.84**	**649.8**

Total Course Average 649.8 divided by Attempted Credit 6.84 equals a 95.0 Cumulative Average

CLASS RANK:

Class rank is based on a formula that uses a student's cumulative average, a multiplier of credits earned and extra points added for A.P. courses. The formula produces a weighted class rank value for each student. These values are then compared to students in each individual grade producing a rank order that identifies the class rank position of each student within their graduation class. Class rank value is calculated on a yearly basis and is completed at the end of each school year.

EXTRACURRICULAR ACTIVITIES:

In addition to the varied academic programs offered to students of Wyoming Area High School, each boy and girl is afforded the opportunity to participate in any one of the many extracurricular activities developed to supplement their total high school experiences.

COURSE CATALOG:

COURSE DESCRIPTIONS:

HEALTH AND PHYSICAL EDUCATION:

Course Number	Course Title	Credit Value	Grade Restrictions
001	Adaptive Physical Education	TBD	9-12
004	Physical Education 9 & 10	.34 (2 Days)	9-10
003	Physical Education 11 & 12	.34 (2 Days)	11-12
015	Health Education	.5 (3 Days)	9
005	Recreation Education	.5 (3 Days)	12

001 ADAPTIVE PHYSICAL EDUCATION

This program is designed for the exceptional student who is unable to participate in a regular physical education program. The program will vary to meet the individual needs, as recommended

by the combined team of physician, physical educator, and parents of the student. An outline of the exceptional student's program is to be initiated in writing by the physician through the school nurse and carried out by the physical education teacher.

004 PHYSICAL EDUCATION 9 & 10
003 PHYSICAL EDUCATION 11 & 12

Physical Education is a required course in each high school grade. The courses are designed to meet the physical, mental, and social needs of the whole child and to improve physical fitness, increase knowledge and skills of lifetime sports and develop awareness of healthy practices. At the beginning of each nine-week period, a new set of courses is offered. The program includes team, lifetime, and individual sports and physical fitness offerings. The following activities can be scheduled: creative movement, basketball, fitness walking/jogging, swimming, volleyball, aerobics, flag football, tennis, mush ball, Whiffle ball, Dodgeball, gym hockey, and calisthenics/stretching. Classes are coeducational.

015 HEALTH

This course is designed to enable a student to improve his/her health habits and understandings to the extent that they develop optimism, physical fitness and personal awareness and competence. Included in the course are such topics as the body systems; mental, social, and person hygiene; prevention of diseases; personal safety; community health problems; and training in adult and child CPR including AED use. Classes are co-educational.

005 RECREATIONAL EDUCATION

This course is designed to engage students in a more rigorous and competition focused based physical activity. Goals include further development of skills and knowledge related to fitness, physical competence, cognitive understanding and positive attitudes. This course looks to promote a healthy and physically active lifestyle. *This course cannot be used as part of the Graduation requirements for Health/Physical Education*.
Recommended Prerequisite: Successful completion of Physical Education in 9th and 10th Grade and/or 11th.

SOCIAL STUDIES:

Course Number	Course Title	Credit Value	Grade Restrictions
231	American Cultures 11	1.0	11
233	American Cultures Honors 11	1.0	11
234	American Cultures 9	1.0	9
235	American Cultures Honors 9	1.0	9
236	World Cultures 10	1.0	10
237	World Cultures Honors 10	1.0	10
238	American Government 12	1.0	12
239	A.P. European History	1.0	12
240	A.P. United States History	1.0	11

242	A.P. United States Govt. & Politics	1.0	12
243	21st Cent Gr. Issues/Comp. Ideology	1.0	12
245	Sociology	1.0	12
246	Psychology	1.0	12

234 AMERICAN CULTURES 9

This course is the study of American history from the colonization period up to and including the Civil War and Reconstruction era. Students will explore the changes of American life throughout war, refuge and the expansion of our country. This course includes the political, economic, geographical, and institutional viewpoints of historical events. Students will acquire knowledge of American history that includes key ideas, significant themes, and relevant facts while practicing critical thinking, writing, and speaking skills.

235 AMERICAN CULTURES 9 HONORS

This course is a study of American history from the colonization period up to and including the Civil War and Reconstruction era. Students will explore the changes of American life throughout war, refuge, and the expansion of our country. This honors course is built upon the content of the regular American Cultures 9 curriculum, however material is covered in more advanced detail. There will be emphasis on the demonstrating higher levels of thinking, reading and evaluating primary and secondary source materials, historical literature, and a comparative analysis of historical texts. *Recommended Prerequisites: Teacher recommendation. Successful completion of 8th Grade American Government with a 90% or higher.*

236 WORLD CULTURES 10

In this course we will study Modern World History. The first semester of this course will be structured thematically. We will cover several time periods and concepts including the Renaissance, the Reformation, Exploration, Absolutism, and the Enlightenment. The second semester of the course will cover the major events of the 20th Century including World War I, World War II, the Holocaust, the Vietnam War, and Global Issues such as terrorism, the environment, and globalization. In addition to studying these specific topics, we will also be studying the geography of the world around us and you will gain an appreciation for the diversity of the world and its cultures. The course is designed to help students improve or acquire certain basic social science and language art skills, such as data gathering and evaluation, making inferences, hypotheses and generalizations.

237 WORLD CULTURES 10 HONORS

This course is a challenging alternative to the traditional World Cultures 10 with an appeal to the motivated and independent learner. It focuses on world history beginning with the Renaissance and discusses major historical themes including the Reformation, Absolutism, the Enlightenment and Imperialism. We will also cover major world events like the French Revolution, World War I, World War II, the Holocaust and the Vietnam War. Students will be required to demonstrate their knowledge of economic, political, and social developments throughout history with a direct emphasis on reading, writing, and the research process. Critical thinking skills and self-directed

learning will be mastered through activities involving advanced geographical studies and examination of the relationship between historical and current events.
Recommended Prerequisites: Teacher recommendation. Successful completion of American Cultures 9 Honors with an 85% or higher OR successful completion of American Cultures 9 with a 90% or higher.

231 AMERICAN CULTURES 11

This course, the second of a two year American Cultures sequence, begins with the Reconstruction Era, moves to 20th century America and proceeds to the present day. Students study the nation's transformation into an industrial power and the impact of this change on the social, cultural, economic and political development of the country. The course also traces the foreign policy of the United States from isolationism to internationalism.
Recommended Prerequisites: Successful completion of American Cultures 9.

233 AMERICAN CULTURES 11 HONORS

This course, the second of a two-year sequence, begins with the Reconstruction Era, and proceeds to 20th century and recent American history. It will be built on the skills introduced in Honors American Cultures Honors 11 as well as emphasize an analytical approach to history. Students will be expected to investigate issues in history, write and argue from a point of view, work extensively with primary sources as well as produce individual research projects. ***The course has a summer reading requirement.***
Recommended Prerequisites: Teacher recommendation. Successful completion of World Cultures 10 Honors with an 85% or higher OR successful completion of World Cultures 10 with a 90% or higher.

238 AMERICAN GOVERNMENT 12

This course seeks to examine the most important features of the formal structure and functions of our American governmental system. It will teach students the structure of federal, state, and local governments. It stresses political, social, and economic processes of American culture. The course will prepare the students to perform their governmental duties and responsibilities after graduation, such as voting, government office, and/or jury duty. The course emphasizes comparative governments, the issues of our economy, individual rights, the criminal justice system, and any relevant matter deemed appropriate. The student will learn about the different forms of governments that are in use in today's world. The student will use materials from history economics, philosophy and jurisprudence to build a framework of analysis necessary for understanding our unique system of government.

243 21st CENTURY HISTORY

21st Century Great Issues will examine contemporary events by incorporating material from varied media sources. Students will be expected to do all reports, projects, and other activities. Participation in discussions is necessary. Individual and group reports will be made daily on topics ranging from international, national, state and local news, including topics of special interests. Four political and economic ideologies that have had a great impact on the culture and history of the world will also be explored: communism, fascism, capitalism, and socialism with its relation to past and present day societies. *This course cannot be used for credit for graduation requirements in social studies.*

239 A.P. EUROPEAN HISTORY

A.P. European History is a course that examines European history since 1450 and introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the European continent. The course has students investigate the content of European history for significant events, individuals, developments, and processes in four historical periods. The goals of this course are to develop an understanding of the principal themes in modern European history. Students will have to analyze historical evidence and historical interpretation of European topics and gain the abilities to express historical understanding in writing. Five themes will be explored in order to make connections among historical developments throughout European history. The course will be directed at preparing the student for the Advanced Placement Examination.

240 A.P.UNITED STATES HISTORY

This course is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials of US history. The course prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students learn to assess historical material, their relevance to a given interpretive problem, their reliability, and their importance, and to weigh the evidence and interpretations presented in historical scholarship. Students can expect to participate fully in classroom discussions, written assignments, projects and research. ***The course has a summer reading requirement*.**
Recommended Prerequisite: Honors American Studies 9 and World Cultures Honors 10.

242 A.P. AMERICAN GOVERNEMENT & POLITICS

A.P. U.S. Government is an introductory college level course that will focus on the complexities of the U.S. Government. This course takes an in depth look at our government focusing on the institutions of government and how those institutions work to meet the goals of the framers of the Constitution. Students taking this course will be required to research, analyze and interpret our Constitution, the branches of our government, and the institutions within our government in order to gain a deeper understanding of the complexities that exist in the American political system. Students will be required to show their understanding of the material covered through classroom discussion, essays, and presentations. This course is directed toward preparing the student to take the Advanced Placement Examination in May.
Recommended Prerequisite: Successful completion of either A.P. U.S. History or Honors American Cultures 11.

245 SOCIOLOGY

Sociology provides perspectives and information useful in understanding all societies. The major theories (functionalism, conflict, and symbolic interactionism) and concepts provide the foundation upon which the course rests. The nature of privilege and oppression are discussed and considered in the specific contexts of race, ethnicity, gender, and age. The focus then shifts to social institutions. The essential work of society is accomplished via its major institutions: family, education, health care, economy and work, religion, and politics. Applying theoretical perspectives to the form and

function of these institutions enhances an understanding of how different social structures provide varying constraints and opportunities to their societies.

246 PSYCHOLOGY

This course provides an overview of the field of psychology, including research, theory, and application. Specific topics include the biological bases of behavior, sensation and perception, learning, cognition, motivation and emotion, development, social cognition and social influence, personality and individual differences, and mental disorders and therapy. Content is presented through a combination of lectures, readings, and demonstrations. Evaluation is primarily on the basis of objective exams given in class. The course introduces students to theories, research, and procedures used in psychological research and practice. It also promotes thinking about how students can apply this knowledge to enhance their lives. After taking this course students should be able to make more informed decisions about participating in future psychology courses and have a better understanding of psychology as a science and of human behavior.

FOREIGN LANGUAGE:

Course Number	Course Title	Credit Value	Grade Restrictions
341	Spanish 1	1.0	9-12
342	French 1	1.0	9-12
351	Spanish 2	1.0	10-12
352	French 2	1.0	10-12
361	Spanish 3	1.0	11-12
362	French 3	1.0	11-12
371	Spanish 4	1.0	12
372	French 4	1.0	12

341 SPANISH I

Spanish I is an integrated approach to language learning which spans all four language skills: reading, writing, listening and speaking. Students have the opportunity to use and reinforce these skills while developing an up to date awareness of Hispanic culture. Vocabulary and grammar are introduced through a variety of multimedia presentations, which offer students a contextual approach to language learning. Students do not need a background in Spanish in order to achieve the course goals.

351 SPANISH II

Spanish II begins with a concentrated and thorough review of Spanish I basics, followed by writing development that further enhances the acquisition of the mastery of such basics. Students continue to further develop and improve listening, speaking, reading and writing skills. Emphasis is placed on comprehension of Spanish as well as correct oral and written expression and aural comprehension, particularly in the past tense.
Recommended prerequisite: Successful completion of Spanish I

361 SPANISH III

Spanish III places an emphasis on reviewing and using the entire concept of grammatical usage. Students continue to develop and increase their language acquisition in Spanish through the study of language structures in contemporary Spanish and Hispanic cultural and historical contexts. Being engaged in the study of language structures and vocabulary, students will accomplish this through reading, listening, speaking and writing activities. The Destinos series of video tapes will be used as the main focus of this class. Students will be expected to participate in the National Spanish Exam.
Recommended prerequisite: Teacher Recommendation. Successful completion of Spanish II.

371 SPANISH IV

Spanish IV embodies advanced grammar and composition as well as continuous conversation and proficient pronunciation in the target language. Students will be expected to read, write, comprehend and speak with a higher level of efficiency. The goal of Spanish IV is to encourage students to converse solely in the target language along with stressing advanced grammar and writing skills. Various everyday situations will be used to help the student express opinions, ideas and values while increasing knowledge and the use of a more extensive vocabulary. Students will be expected to participate in the National Spanish Exam.
Recommended prerequisite: Teacher Recommendation. Successful completion of Spanish III

342 FRENCH I

French I employs a multi-media approach to the learning of a foreign language. Video, audio and computer work is done along with the learning of French dialogues in order to enhance the student's understanding of the French language. Along with the language, the culture and history, geography and everyday events of France and its territories will be discussed and learned.

352 FRENCH II

The multi-media approach of French I continues into French II. More topics for dialogues are added along with the continuation of culture, geography and everyday events of France and its territories. Students will progressively get better with pronunciation, reading and speaking with a better command of comprehension. The use of the Internet and computer will be incorporated into this course.
Recommended prerequisite: Successful completion of French I

362 FRENCH III

French III continues with the learning of the four (4) basic skills of language learning. It explores the language written and spoken, along with cultural aspects of France. Added to this will be a study of French authors and their techniques and literary styles. The Little Prince along with other works of French authors will be read and discussed.
Recommended prerequisite: Teacher Recommendation. Successful completion of French II

372 FRENCH IV

A Multimedia approach to the learning of the language continues. Videos, cassettes, workbooks and texts are all used so that the students will comprehend the language. Students' participation is a must for the course if they are to attain the full benefit of comprehending, speaking and writing. In addition, twelve art eras will be taught, along with the current styles of French Literature and culture. The learning of tenses will continue along with sentence structure.
Recommended prerequisite: Teacher Recommendation. Successful completion of French III

MATHEMATICS:

Course Number	Course Title	Credit Value	Grade Restrictions
412	Algebra 1	1.0	9-12
423	Geometry	1.0	9-12
424	Honors Geometry	1.0	9-12
433	Algebra 2 with Trigonometry	1.0	10-12
434	Honors Algebra 2 with Trigonometry	1.0	10-12
439	Honors Precalculus 11	1.0	11
440	Precalculus 11-12	1.0	11-12
441	Math 11-12	1.0	11-12
443	Math Topics 12	1.0	12
444	Statistics 11-12	1.0	11-12
446	Honors Calculus	1.0	12
447	A.P. Calculus AB	1.0	12
448	Keystone Algebra I Math Clinic	TBD	9-12

412 ALGEBRA 1

This course in Algebra provides a new approach to the study of mathematical relationships through the use of variables. Students will prepare for the Keystone Algebra 1 Exam which utilizes PA Common Core Standards in Mathematics consists of two test modules. The test contains multiple choice questions and open ended responses that are designed to assess student comprehension of Algebra. All students must take the Algebra 1 Keystone Exam to satisfy federal testing requirements. Pennsylvania students in grades 10 and below must pass Keystone Exams to qualify for a high school diploma.

423 GEOMETRY

Geometry is a course that presents a logical structure of geometric truths based on a small number of assumptions and postulates. Topics include the nature of proof, theorems on triangles, parallel lines, perpendicular lines, polygons, circles, proportions, similarity, area, and volume.
Recommended Prerequisite: Successful completion of Algebra 1

424 HONORS GEOMETRY

Geometry is a course that presents a logical structure of geometric truths based on a small number of assumptions and postulates. Topics include the nature of proof, theorems on triangles, parallel lines, perpendicular lines, polygons, circles, proportions, similarity, area, and volume. Honors Geometry incorporates more challenging problems and moves at a quicker pace.
Recommended Prerequisites: Teacher recommendation. Successful completion of 8th Grade Algebra I with an 85% or higher OR Algebra 1 with a 90% or higher.

433 ALGEBRA 2 with TRIGONOMETRY

Algebra 2 continues to develop techniques to solve mathematical problems using skills learned in Algebra 1. Topics include solving equations and inequalities, factoring, rational expressions, roots and radicals, quadratic equations, graphing linear and quadratic functions, systems of linear equations and inequalities, sequences and series, probability and statistics, and trigonometry.
Recommended Prerequisite: Successful completion of Algebra 1 and Geometry.

434 HONORS ALGEBRA 2 with TRIGONOMETRY

This course provides a strong background in Algebra for students who plan to pursue a career in mathematics, science, or technology. More challenging problems are included along with additional topics such as quadratic and rational inequalities, sequences and series, probability and statistics, and trigonometry.
Recommended Prerequisite: Teacher recommendation. Successful completion of Honors Geometry with an 85% or higher OR successful completion of Geometry with a 90% or higher.

439 HONORS PRECALCULUS 11

Honors Pre-Calculus is required for juniors planning to take AP Calculus in their senior year. It is strongly recommended, but not required, for juniors who wish to take Honors Calculus in their senior year. This course includes college level Algebra topics, including rational exponents, variation, polynomial and logarithmic functions, and an introduction to limits and continuity.
Recommended Prerequisite: Teacher recommendation. Successful completion of Honors Algebra 2 w/Trigonometry with an 85% or higher OR successful completion of Algebra 2 w/Trigonometry with a 90% or higher.

440 PRECALCULUS 11-12

Precalculus is offered to students who may be required to take a Calculus course in college. This course will include topics such as rational exponents, logarithmic and exponential functions, as well as an introduction to limits and continuity.
Recommended Prerequisite: Successful completion of Algebra 2 w/Trigonometry

441 MATH 11-12

Math 11/12 covers topics that students planning on entering the work force, attending a community college and/or trade school will need to be successful in those choices. Topics include: financial

transactions encountered in life, consumer math, and review of basic math skills needed to successful in life.
Recommended Prerequisite: Successful completion of Algebra 1 and Geometry.

443 MATH TOPICS 12

This course is offered for students who will be required to take a non-Calculus based math course in college. It will include topics in college- level Algebra with an emphasis on SAT type problems, Trigonometry, Analytic Geometry, and Probability and Statistics.
Recommended Prerequisite: Successful completion of Algebra 2 w/Trigonometry

444 STATISTICS 11-12

Probability and Statistics is a year course designed to introduce the methods used in the field of applied statistics. Emphasis is given to basic concepts and techniques for collecting and analyzing data, drawing conclusions, and making predictions. The major focus of this course is to provide students with experience in using the computer to solve problems which can be set ups a mathematical models.
Recommended Prerequisite: Teacher recommendation. Successful completion of Precalculus or Honors Precalculus. This course can be taken concurrently with Honors Precalculus with teacher recommendation.

446 HONORS CALCULUS

This course is comparable to one semester of Calculus in college. Topics include limits and continuity, derivatives and applications of the derivative, integration with applications in finding areas.
Recommended Prerequisite: Teacher recommendation. Successful completion of Honors Precalculus 11 with an 85% or higher OR successful completion of Precalculus 11 with a 90% or higher.

447 A.P. CALCULUS AB

This college level course is offered to students who desire advanced college credit in Calculus. Topics include limits and continuity, derivatives and applications of the derivative, integration with applications in finding areas and volumes, and logarithmic and exponential functions. Students taking this class will be expected to take the A.P. Calculus AB Exam.
Recommended Prerequisite: Teacher recommendation. Successful completion of Honors Precalculus 11 with an 85% or higher OR successful completion of Precalculus 11 with a 90% or higher.

448 KEYSTONE ALGEBRA I MATH CLINIC

This course is designed for students who were not successful in passing the Keystone Exam in Algebra I. Students will review skills needed for success when re-taking the Keystone Exam in Algebra I. This course is required for all students who do not pass the Algebra I Keystone and credit value will be determined. *This course cannot be used for Math Requirements of Graduation. .*

ENGLISH:

Course Number	Course Title	Credit Value	Grade Restrictions
115	English 9	1.0	9
116	English Honors 9	1.0	9
117	English 10	1.0	10
118	English Honors 10	1.0	10
121	English 11	1.0	11
130	English Honors 11	1.0	11
141	A.P. English Language & Composition	1.0	12
142	Honors English 12	1.0	12
143	English 12	1.0	12
163	Creative Writing/Journalism	1.0	11-12
164	Keystone Literature Clinic	TBD	11-12

All students in grades 9-12 must receive 1 credit in Traditional English each year in order to meet graduation requirements.

115 ENGLISH 9

This course places emphasis on the basic skills of composition. Students study a wide range of literature for analysis and pleasure. Research writing is emphasized and attention given to preparation for the SAT test.

116 ENGLISH HONORS 9

In addition to the study of composition, this course focuses on an understanding of drama, the novel, the language of poetry, and the literary elements of the short story: plot, setting, theme, climax, and resolution and writing techniques. Research writing is emphasized and attention given to preparation for the SAT test.
Recommended Prerequisites: Teacher recommendation. Successful completion of 8th Grade English and Reading Classes with a 90% or higher in each class.

117 ENGLISH 10

The purpose of this course is to introduce students to American Literature, vocabulary, grammar, and spelling. Students build upon the fundamental writing skills taught in English 9. Written compositions are based on literary works read in class. In addition, the research process is taught, and students complete research papers. Students begin to prepare for the SAT. Upon completion of this course, students will be fully prepared to take the Keystone Literature Exam.

118 ENGLISH HONORS 10

This course is designed to explore all genres of American Literature including poetry, short stories (fiction and non-fiction), novels, and dramas. The content of this class closely complement the material previously taught to students in their ninth-grade history class. Honors students continue to

develop close reading skills that will help them prepare for both the SAT test and Keystone Literature Exam. The texts in Honors English 10 are more difficult and greater in number than those studied in regular English 10. Composition is integrated into literature and involves creative responses to specific literary works. Students continue to build knowledge of the research paper process and apply that knowledge in the writing process.
Recommended Prerequisites: Teacher recommendation. Successful completion of English 9 Honors with an 85% or higher OR successful completion of English 9 with a 90% or higher.

121 ENGLISH 11

Traditional English 11 is a literature-based course that includes poetry, novels, short stories and informational text, dramatic pieces and presentations, while exploring "the American Dream", "Freedom", and "Independence". Time-honored novels include *The Catcher in the Rye, The Great Gatsby*, and Maya Angelou's *I Know Why the Caged Bird Sings*. In addition, students complete research projects and prepare for the SATs.

130 ENGLISH HONORS 11

This course includes the reading and analysis of fiction and non-fiction. Some selections *are Catcher and the Rye, The Great Gatsby*, and *I Know Why the Caged Bird Sings*. Students will also read several short stories and excerpts from longer works such as those from the Transcendentalist Era. Dramas include *Twelve Angry Men* and *A Raisin in the Sun*. Emphasis is on critical thinking, the individual writer's style, and the value of literature as weighed against moral, spiritual and humanistic standards.
Recommended Prerequisites: Teacher recommendation. Successful completion of English 10 Honors with an 85% or higher OR successful completion of English 10 with a 90% or higher.

141 A.P. ENGLISH LANGUAGE AND COMPOSITION 12

The focus of Advanced Placement Language and Composition is for our students not only to master the foundation of English skills—grammar, composition, and comprehension, but also to apply them on college/university level. Students are challenged to utilize the complex and organic grammar of English in both the writing and explication processes. Rhetorical structures and literary devices must be identified and analyzed in an array of cross-curricular nonfiction works as well as in the sub genres of fiction. A.P. students are instructed how to use these tools to strengthen and add style to their own compositions—synthesis, analysis, argumentative, and finally the research paper. Our goal, of course, is student success in Advanced Placement Exam, but more so in the preparation for future college/university competence and accomplishment.
Recommended Prerequisites: Teacher recommendation. Successful completion of English 11 Honors with an 85% or higher.

142 HONORS ENGLISH 12

This course is designed for students who wish to excel in writing, reading, and literary analysis. The course includes the study of English literature as an evolution from the earliest written works to the modern language of today. The course also places emphasis on the writing process. The emphasis is on improving different writing types including the research paper, persuasive, and analytical works. A strong focus is placed on independent writing and reading projects in preparation for college-level

assignments. A writing-intensive summer-reading project is completed in order to prepare students for college level reading and writing. Honors English also offers self-directed study in order to prepare students for college-level reading and writing. Honors English also offers self-directed study in order to prepare the student for their individual choice of college major.
Recommended Prerequisites: Teacher recommendation. Successful completion of English 11 Honors with an 85% or higher OR successful completion of English 11 with a 90% or higher.

143 ENGLISH 12

This course offers the opportunity to reinforce basic skills in writing, reading, listening, and speaking while exploring English and Modern Literature. The course is designed to offer introductory college studying practices, note-taking, and writing skills. There is an emphasis on research writing, literary response writing, and understanding the writing process. The course also focuses on basic public speaking and presentation skills. A summer reading project must be completed with a focus on understanding basic literary elements and style. The course also covers basic resume construction, practical reading, and public speaking skills in order to prepare students for college, technical schools, or employment.

163 CREATIVE WRITING/JOURNALISM

Creative writing offers students opportunities to express themselves in a creative and original manner. During the year the class examines representative works by various authors of different genres. After studying components of each genre, students, through a sequence of pre-writing, drafting, revising, and peer-edition, produce their own poems, essays, a short story, and a children's book. This elective emphasizes interviewing, reporting, and writing for publication. It also stresses newspaper and magazine production skills. After introductory training in journalistic writing style, students write news stories, features, sports stories, and editorials for public relations. Each student attempts to have at least one article printed in the school newspaper, yearbook, or in another publication. *This course cannot be used for English Requirements of Graduation.*

164 KEYSTONE LITERATURE CLINIC

This course is designed for students who were not successful in passing the Keystone Exam in Literature. Students review skills needed for success when re-taking the Keystone Exam in Literature. This course is required for all students who do not pass the Literature Keystone and credit value will be determined. *This course cannot be used for English Requirements of Graduation.*

SCIENCE:

Course Number	Course Title	Credit Value	Grade Restrictions
510	Biology	1.0	10
515	Honors Biology	1.0	9-10
520	Intro to Chemistry	1.0	10-11
530	Ecology	1.0	11-12
541	A.P. Biology	1.0	11-12
542	Anatomy and Physiology	1.0	10-12
543	Chemistry	1.0	10-11

544	Honors Chemistry	1.0	10-11
545	A.P. Chemistry	1.0	12
546	Integrated Science 9	1.0	9
549	Physics	1.0	11-12
551	Honors Physics	1.0	11-12
553	Nuclear and Organic Chemistry	.5	11-12
555	A.P. Physics C: Mechanics	1.0	12
556	Genetics	.5	11-12
511	Keystone Biology Clinic	TBD	10-12

510 BIOLOGY

Biology is a course designed to help students discover biology through inquiry and investigation. The scientific method will be emphasized as students study organic and inorganic compounds, biological processes, unicellular and multicellular characteristics, as well as genetics and the diversity of life. Students taking this course will be exposed to all of the core concepts that are addressed in the Keystone Biology Exam and will develop the knowledge and skills necessary to pursue any field related to Biology. This course meets one (1) additional period per cycle.

515 HONORS BIOLOGY

Honors Biology is a laboratory-oriented course designed to help students discover biology through inquiry and investigation. The course stresses the unity among living things, while showing their diversity. Honors Biology also centers on genetic continuity of life and genetic change through time. It is strongly suggested that students are exposed to this more challenging level of study if they intend to take A.P. Biology in the future. This course meets one (1) additional period per cycle. *Recommended Prerequisite: Teacher recommendation. Students entering 9th grade must have completed Advanced Science 8 with an 85% or higher. Students entering 10th grade must have completed Integrated Science 9 with a 90% or higher.*

520 INTRODUCTION TO CHEMISTRY

Introduction to Chemistry is a laboratory-oriented course designed to provide a basic background in chemistry. Students taking this course will experience a wide-range of topics that cover the basic concepts of chemistry: measurement and the metric system, matter and energy, atomic and electronic structure, the periodic table, chemical bonding and reactions. Students successfully completing this course will have the core knowledge to pursue other chemistry courses.

530 ECOLOGY

This course deals with the inter-relationships between plants and animals and the interaction between living organisms and their physical environment. Students enrolled in this course will participate in individual and groups projects while examining ecosystems and their interactions, evolution, population ecology, biodiversity, agricultural methods and biotechnology. Students will explore the impact of human activity on the environment and the environmental laws and regulations that govern them.

541 A.P. BIOLOGY

Advanced Placement Biology is a college-level course intended for those students interested in careers in scientific or medical fields such as biology, nursing, medicine, dentistry, animal science, pharmacy, medical technology, or environmental science. The course consists of a review of Biology followed by an in-depth study of the cell and cellular processes, photosynthesis, enzyme theory, heredity, DNA and genetics. There will be extensive laboratory experimentation covering the required A.P. Biology experiments. This course meets one (1) additional period per cycle.
Recommended Prerequisites: Teacher recommendation. Successful completion of Honors Biology with an 85% or higher.

542 ANATOMY AND PHYSIOLOGY

This course deals with the study of the human organism on a cellular level with emphasis on cell organelles and their specific function. The major body systems of man – skeletal, muscular, nervous, digestive, respiratory, circulatory, endocrine, and the reproductive system – are studied in detail. This course would be beneficial to students intending to major in biology, nursing, medicine, dentistry, animal science, pharmacy or medical technology. Students are strongly encouraged, but not required, to take this course if they intend to take Advanced Placement Biology. This course cannot used to satisfy graduation requirements for Science Credits.
Recommended Prerequisites: Teacher recommendation. Successful completion of Biology.

543 CHEMISTRY

This course is a laboratory-oriented course designed for students interested in careers in scientific and technological fields such as chemistry, biology, medicine, nursing, pharmacy, medical technology, veterinary science, physical therapy or engineering. The course covers the basic theories and concepts of chemistry including physical states of matter and atomic structure, the periodic table, bonding, the mole concept, formulas and equations, with emphasis on problem solving. This course meets one (1) additional period per cycle.
Recommended Prerequisites: Successful completion of Algebra I.

544 HONORS CHEMISTRY

This course is a laboratory-oriented course designed for students interested in careers in scientific and technological fields such as chemistry, biology, medicine, nursing, pharmacy, medical technology, veterinary science, physical therapy or engineering. The course covers the basic theories and concepts of chemistry including physical states of matter and atomic structure, the periodic table, bonding, the mole concept, formulas and equations, with emphasis on problem solving. Topics will be covered in more depth and at a quicker pace compared to Chemistry and students should take this course if they intend to take A.P. Chemistry in the future. This course meets one (1) additional period per cycle.
Recommended Prerequisites: Teacher recommendation. Successful completion of Algebra I. Concurrent enrollment in Algebra 2 w/ Trigonometry or Honors Algebra 2 w/ Trigonometry.

545 A.P.CHEMISTRY

A.P. Chemistry is a college-level course intended for those students intent on pursuing careers in scientific or medical fields, such as chemistry, chemical engineering, biology, pharmacy, medical technology, nursing, medical or animal science, or environmental science. The course consists of a brief review of Chemistry followed by an in depth study of stoichiometry and the mole concept, gas laws, equilibrium, kinetics, thermodynamics, electrochemistry, acids and bases, solutions, atomic structure and bonding. The course emphasizes the role of chemical calculations in theoretical and experimental work. There will be extensive laboratory work based on experiments suggested by the College Board. Students who plan to take the advanced placement exam in Chemistry are encouraged to take Nuclear and Organic Chemistry as well as some level of physics before taking this course or concurrently. This course meets two (2) additional periods per cycle.
Recommended Prerequisites: Teacher recommendation. Successful completion of Honors Chemistry with an 85% or higher. Successful completion and/or concurrent enrollment in Physics.

546 INTEGRATED SCIENCE 9

Integrated Science is our accumulated understanding of the natural world. This is a multipurpose course that covers a wide range of topics. Concepts taught in this course involve the study of earth science, biology, ecology, and the environment. These topics are integrated, showing how all things work together to sustain life. Students will explore origins and the connections between the physical, chemical, and biological processes of the earth system. During the second part of the year, this course will primarily emphasize the core concepts in ecology and biology that are addressed in the Keystone Biology Exam. This course is designed to strengthen student analytical and problem solving skills while developing a strong content foundation toward success in future science courses.

549 PHYSICS

This course is a laboratory-oriented course designed for students interested in careers in scientific and technological fields such as physics, engineering, computer science or computer engineering. This course is intended to provide students with a strong foundation in the area of mechanics including wave motion with special emphasis on light and sound. The curriculum involves problem-solving methods and laboratory experiments in dealing with the interrelationships between matter and energy. This course meets one (1) additional period per cycle.
Recommended Prerequisites: Teacher Recommendation. Successful completion of Intro to Chemistry and/or Chemistry. Successful completion and/or concurrent enrollment in Algebra 2 w/Trigonometry OR Honors Algebra 2 w/Trigonometry.

551 HONORS PHYSICS

This course is a laboratory-oriented course designed for students interested in careers in scientific and technological fields such as chemistry, physics, engineering, computer science, or engineering. This course is intended to provide students with a strong foundation in the area of mechanics including wave motion with special emphasis on light and sound. The curriculum involves problem-solving methods and laboratory experiments in dealing with the interrelationships between matter and energy. Topics will be covered in more depth and at a quicker pace compared to Physics and students must take this course if they intend to take A.P. Physics in the future. This course meets one (1) additional period per cycle.

Recommended Prerequisites: Teacher Recommendation. Successful completion Honors Chemistry with an 85% or higher OR successful completion of Chemistry with a 90% or higher. Successful completion and/or concurrent enrollment in Algebra 2 w/ Trigonometry OR Honors Algebra 2 w/Trigonometry.

553 NUCLEAR AND ORGANIC CHEMISTRY

The first half of this course will survey the major topics of nuclear science including nuclear reactions, fission, fusion, nuclear reactors, half-life, and radiocarbon dating, biological effects of radiation and uses of radiation. There will also be an extensive study of the nuclear accident at Chernobyl. The second half of the course will survey the major topics of organic chemistry, the study of carbon compounds. Areas to be covered include hydrocarbons, alcohols, acids, esters and amines with emphasis on everyday organic chemicals. Nuclear and Organic Chemistry would be beneficial to students preparing for careers in chemistry, chemical engineering, biology, biochemistry, animal science, environmental science, medicine, nuclear medicine, nursing, pharmacy, physical therapy and dental hygiene. In addition, students are strongly encouraged to take this course if they intend to take Advanced Placement Chemistry. This class meets three (3) days per cycle.
Recommended Prerequisites: Teacher recommendation. Successful completion of Chemistry or Honor Chemistry.

555 A.P.PHYSICS C: MECHANICS

This course is offered as a continuation of Honors Physics. Students interested in pursuing degrees in scientific, technological or medical fields should take this course to complete their background. The course will provide the student with an experience similar to what they might expect on the college level. The curriculum will concentrate primarily on the areas of mechanics on an advanced level and will include a calculus-based approach to many topics. Additional areas of study will include electricity and wave motion. The mathematical analysis of the concepts discussed will be reinforced through demonstrations, projects and laboratory experiments. Students should be prepared to do challenging levels of laboratory work and problem solving in order to meet the stringent requirements of the A.P. testing program. Topics covered in this course will also prepare students for the Physics 1: Algebra Based AP Exam. This course meets one (1) additional period per cycle.
Recommended Prerequisites: Teacher recommendation. Successful completion of Honors Physics with an 85% or higher. Successful completion of and/or concurrent enrollment of Precalculus.

556 GENETICS

This course will survey the major topics of Genetics. Students will investigate the history of genetics, the discovery of the gene with emphasis on Mendelian Genetics and the work of Watson and Crick, the biochemical structure of DNA, RNA and their role in determining the transmission of heredity, protein synthesis, genetic disorders and their causes, the mapping of the human genome, genetic testing with consideration of the ethical issues related to its use, and gene therapy and cloning. Genetics would be beneficial to students preparing for careers in biology, chemistry, biochemistry, microbiology, genetic engineering, medicine, nursing, animal science, family counseling as well as other related science fields. This class meets three (3) days per cycle.
Recommended Prerequisites: Teacher recommendation. Successful completion of Biology or Honors Biology. Successful completion of Chemistry or Honors Chemistry.

511 KEYSTONE BIOLOGY SCIENCE CLINIC

This course is designed for students who were not successful in passing the Keystone Exam in Biology. Students will review skills needed for success when re-taking the Keystone Exam in Biology. This course is required for all students who do not pass the Biology Keystone and credit value will be determined. *This course cannot be used for Science Requirements of Graduation.*

CAREER TECHNOLOGY:

Course Number	Course Title	Credit Value	Grade Restrictions
622	Financial Technological Applications	1.0	11- 12
640	Accounting 1	1.0	10 – 12
641	Accounting 2	1.0	11 – 12
644	Business Law	1.0	11 – 12
646	Economics	1.0	11 – 12
652	Introduction to Web Design	1.0	11 – 12
661	Multimedia Applications	1.0	9 – 12
663	Computer Integrated Software 1	1.0	10 – 12
664	Computer Integrated Software 2	1.0	11 – 12
665	Computer Programming 1	1.0	11 – 12
666	A.P. Computer Science	1.0	12

622 FINANCIAL TECHNOLOGICAL APPLICATIONS

This course offers students a sound basis for personal finance and money management. Topics covered in detail include Gross/Net Income, Personal Balance Sheets, Checking/Savings Accounts, Cash Purchases, Debit Cards, Credit Cards, Car Loans, Housing Costs, Mortgages, Insurance and Investments. Additional topics discussed and explored are the purchasing of stocks, bonds, and mutual funds, and completion of federal tax returns. Microsoft Office software (Word and Excel) and Internet search engines will be used throughout the course. This elective course is highly recommended for all students in either their junior or senior year.

640 ACCOUNTING 1

This course provides the student with a thorough introduction to the basic principles of accounting. The course will provide a foundation for the student whose career interest is to pursue a college degree in accounting and/or a related business field. Accounting 1 will provide a foundation of accounting concepts and principles helpful to prospective business majors. Computer technology using Microsoft Office (Word and Excel) will be used throughout the course to introduce the student to automated accounting concepts and procedures.

641 ACCOUNTING 2

This course is designed as a second course toward a career in the field of business. Accounting 2 will enable the student who intends to pursue a college degree in accounting or a related major the

opportunity to obtain a solid Accounting foundation. Topics include payroll records, departmental sales, branch sales, partnership records, corporate accounting and various methods of inventory accounting and control.
Recommended Prerequisite: Successful completion of Accounting 1

644 BUSINESS LAW

Business Law gives an overview of the constitution of the United States; discusses laws concerning minors, families, and consumers; and explains both criminal and civil court procedures. Incorporated into the class are videos from the "People's Court" and a mock trial. Study continues with the explanation of contract law, personal and real property, consumer protection and product liability, vehicle ownership, marriage and divorce laws, rental agreements, and legal documents related to the purchase and mortgage of a home. Successful completion of this course will provide a more adequate foundation for college bound students entering business administration or criminal justice and will provide much needed knowledge necessary for living away from home. More importantly, business law is used in everyone's daily life.

646 ECONOMICS

Economics will prepare the student to meet the financial challenges of adult life. The course deals with topics from the household budget to the national economy. Topics discussed include, but are not limited to capitalism, supply and demand, profit, tax revenue and government spending, stock market and other investments, inflation, money and banking, the national debt and international trade. Students will learn to analyze stocks, bonds, and mutual funds for personal investment purposes. The course incorporates numerous timely video clips. This course provides an adequate foundation for college bound students seeking a degree in marketing, economics, accounting or business administration.

652 INTRODUCTION TO WEB DESIGN

This course will allow students to create and develop basic and interactive websites using DreamWeaver CS4 software. The students will complete case study assignments based on fictional businesses as well as create an individual web site. Students will use the Internet to analyze and critique selected Web sites with regard to design principles and features.
Recommended Prerequisite: Successful completion of Multimedia Applications

661 MULTIMEDIA APPLICATIONS

This course will enable the student the ability to meet the technological advances in their educational and career choices. Students will be introduced to the different types of hardware and software needed to produce word processing documents, spreadsheets, desktop publishing documents and multimedia PowerPoint presentations. Microsoft Office, which includes Word, PowerPoint, Excel, and Publisher will be introduced. Internet searching skills will be further explored and practiced. Projects will include business and personal word processing documents, multimedia PowerPoint presentations, spreadsheets, flyers, signs and newsletters.

663 COMPUTER INTEGRATED SOFTWARE 1

This course will offer students the opportunity to explore and increase computer proficiency by using the more advanced features of Microsoft Office. This project-based course will allow students to become proficient in MS Word, MS PowerPoint, and MS Excel. Exposure to this course will enable the student to develop a professional portfolio, which includes word processing, desktop publishing, presentation software and spreadsheet/graphing projects. This course will maximize students' effectiveness and proficiency in the use of computers.
Recommended Prerequisites: Successful completion of Multimedia Applications

664 COMPUTER INTEGRATED SOFTWARE 2

This course is targeted for those students who intend to pursue a career in business administration or accounting. It enables them to complete a three-year cycle on the secondary level. Students will introduced to MS Access and produce a portfolio of professional quality work that is project oriented. It will integrate all aspects of Microsoft Office (Word processing, desktop publishing, spreadsheet/graphing, presentation software, and database management). Completion of this course will allow the students to relate more meaningfully to technology oriented professional careers.
Recommended Prerequisite: Successful completion of Computer Integrated Software 1

665 COMPUTER PROGRAMMING 1

Computer Programming is a course designed for juniors and seniors who are interested in computer programming. This course will develop the students' critical thinking skills, logic skills, and problem solving ability. It provides a solid hands-on introduction to the JAVA programming language. The students will learn the syntax rules, data types, mathematical and logical operators, and control structures needed to write object-oriented programs.
Recommended Prerequisite: Teacher recommendation. Successful completion of Algebra 2 w/Trigonometry with an 85% of higher.

666 A.P. COMPUTER SCIENCE

A.P. Computer Science is intended for seniors who are interested in computer programming and already have the basic programming skills in Java covered in Computer Programming 1. This course uses the Java programming language to cover more advanced object-oriented programming topics and techniques. Topics include the implementation of advanced abstract data types, recursion, sorts, searches, files, stacks, and queues. The development of higher-level thinking skills and problem-solving ability is a major focus of this course.
Recommended Prerequisite: Teacher recommendation. Successful completion of Computer Programming 1 with an 85% or higher.

TECHNOLOGY EDUCATION:

Course Number	Course Title	Credit Value	Grade Restrictions
710	Technology & Society	.5 (3 days)	9-12
761	AutoCAD I (Drafting 1)	.5 (3 days)	9-12

764	AutoCAD II (Drafting 2)	.5 (3 days)	10-12
767	AutoCAD III (Drafting 3)	.5 (3 days)	11-12
763	AutoCAD IV (Drafting 4)	.5 (3 days)	12
770	Information Technology 1	1.0	10-12

710 TECHNOLOGY & SOCIETY

This course takes students on an exciting journey into the world of technology. It helps students to understand how technology affects them and the world in which they live. They learn about design and engineering, air and space technologies, communication technologies, manufacturing technologies, and many other areas. Students will have hands-on projects in the areas of bridge building and robotics.

725 DESIGN CONCEPTS

This course is designed to introduce students to the world of technology and engineering as a first step in becoming technologically literate citizens. Through this course's practical real-world connections, students have an opportunity to see how science, mathematics, and engineering are part of their everyday world and why it is important to be technologically and scientifically literate. This course is intended to help students understand the ways they will engineer the world of the future – whether or not they choose to pursue technical careers.

761 AUTOCAD I (DRAFTING 1)

This course is designed to provide an overview of computer-assisted drafting (CAD). Topics covered will include system hardware and software specifications and options. It includes generic and system components leading to the setting-up, creating revising, and plotting of drawings on a CAD system.

764 AUTOCAD II (DRAFTING 2)

This course is designed for the second-year AutoCAD student and continues the exploration of computer-assisted drafting. Includes dimensioning, tolerancing, threads, fasteners, and the production of drawings. Assignments will include the utilization and practice of CAD techniques to speed production of drawings and apply CAD techniques in an efficient manner consistent with industrial practice.
Recommended Prerequisite: Successful completion of AUTOCAD I

767 AUTOCAD III (DRAFTING 3)

This course is designed for the third-year AutoCAD student and advances the exploration of computer-assisted drafting. Emphasis will be placed on mastery of concepts and skills, as well as on productivity and introduction of advanced software functions. Topics of coverage will include composition of drawings via system-specific menu-option utilization, use of advanced computer-assisted drafting / design functions, and the application of special library symbols for the creation of two-dimensional (2D) and basic three-dimensional (3D) images.
Recommended Prerequisite: Successful completion of AUTOCAD II

763 AUTOCAD IV (DRAFTING 4)

This course is designed for the fourth-year AutoCAD student and advances the exploration of computer-assisted drafting. Emphasis will be placed on mastery of concepts and skills, as well as on productivity and introduction of advanced software functions. Topics of coverage will include composition of drawings via system-specific menu-option utilization, use of advanced computer-assisted drafting / design functions, and the application of special library symbols for the creation of two-dimensional (2D) and basic three-dimensional (3D) images.
Recommended Prerequisite: Successful completion of AUTOCAD III

770 INFORMATION TECHNOLOGY 1

This course is designed to teach students the skills needed to plan, design, build, and maintain basic networks. This course is based on the CISCO System of Network Association Certification. This course will be taught online and the student may work at his / her own pace.

FAMILY & CONSUMER SCIENCES:

Course Number	Course Title	Credit Value	Grade Restrictions
816	Child Care & Development	.5 (3 days)	10-12
818	Careers with Children	.5 (3 days)	10-12
821	Family & Consumer Issues	.5 (3 days)	10-12
831	Teens in Homemaking	.5 (3 days)	9
862	Food and Tech. / World of Foods	.5 (3 days)	10-12
868	Quilting	.5 (3 days)	11-12
869	Contemporary Foods	.5 (3 days)	9-12

816 CHILD CARE & DEVELOPMENT

This course is designed for students with an interest in children, either in a parenting or career role. Students will study children's physical, social, intellectual, and emotional development from birth to six years of age. Following the guidelines set forth by the Pennsylvania State standards, observations and hands-on experiences will be in cooperation with local and community resources. A special feature of the class will be the "Baby Think It Over" program.

818 CAREERS WITH CHILDREN

This course explores the need parenting fills, as well as several other careers involving children. Special sections of the course will discuss child abuse and neglect, day care, and birth order. Practical experiences with various careers will be the focus of this class, while techniques in child care will be practiced.

821 FAMILY AND CONSUMER ISSUES

This course is structured for students to acquire the knowledge and skills needed as a family member both now and in the future. Areas of concentration will be financial and resource management, and food science and nutrition. The materials used and reality-based concepts covered will be according to state standards. Comprehensive classroom experiences will allow the students to develop the knowledge and skills needed in making choices to meet their personal, family, work and community responsibilities.

831 TEENS IN HOMEMAKING

A ninth grade course designed as an Introduction to the High School Home Economics classes. It is a sampling of Food Preparation, Consumer Education and Child Care. The course will develop the student's skills in consumerism through hands on--lab preparation of snacks and meals, money management and child care.

862 FOOD AND TECHNOLOGY/WORLD OF FOODS

This course will examine the technological components of food preparation and explore cultural and cuisine components from a world-wide perspective. Students will utilize course texts, collaborative project assignments, and food labs to meet objectives.

868 QUILTING

Learn the basic techniques of quilting while enjoying a new leisure time activity. Students will make a placemat and progress, as skills increase, to a full size quilt. Equipment and patterns will be supplied by the district; however, the fabric will be the responsibility of the student. *The cost of the fabric for this course is between $150.00-$200.00 total.*

869 CONTEMPORARY FOODS

As the trend for healthier nutrition continues in an effort to confront the obesity sure in society, consumers will need to explore healthier food preparation options. This course is designed to prepare learners to identify and utilize aspects of nutrition, safety and sanitation, consumer skills and food preparation. An emphasis will be placed on healthy food preparation and meal management. The course combines text book activities, food labs, and classroom projects.

ART:

Course Number	Course Title	Credit Value	Grade Restrictions
915	Studio Art	.5 (3 days)	9
921	Crafts	.5 (3 days)	10-12
925	Art Design Concepts	.5 (3 days)	10-12
931	Drawing	.5 (3 days)	10-12
941	Printmaking	.5 (3 days)	10-12

951	3-D Design	.5 (3 days)	10-12
960	Painting	.5 (3 days)	10-12
961	Painting 2	.5 (3 days)	11-12
962	Digital Art	.5 (3 days)	10-12
964	Ceramics	.5 (3 days)	10-12
965	Ceramics 2	.5 (3 days)	11-12
967	Art Topics	.5 (3 days)	10-12
966	Painting 3	.5 (3 days)	12

915 STUDIO ART

This course serves to introduce students to all available courses offered by the Art Department. It is designed to increase students' understanding and appreciation of visual art created by others, and to help them gain the knowledge, skills, and confidence needed to improve their own works. Students will be expected to build a visual vocabulary and participate in art criticism. This course is open to freshmen only.

921 CRAFTS

This class encompasses technical, conceptual, and theoretical aspects designed for the beginner interested in exploring the basics of handmade objects. It is designed to increase the students' understanding and appreciation of handcrafts by others, and to help the students gain the knowledge, skill, and confidence needed to create their own craft projects.

925 ART DESIGN CONCEPTS

The exploration and creative problem solving of design techniques related to the art process using visual language to achieve a goal. Students will implement solutions related to specific assignments and refine initial ideas. This introduction to design ideas and visual language relates to how we think and communicate in a visual, non-verbal way.

931 DRAWING

Emphasizes the concept of drawing skills that can be learned. Drawing is an introductory course which develops basic skills and understanding of visual language through studio instruction and lecture. The class emphasizes the development of perceptual skills through drawing from observation and introduces concepts such as proportion, space, perspective, and composition. Various media are explored including pencil, charcoal, and ink. This course emphasizes the basic elements, principles, and processes of two-dimensional composition.

941 PRINTMAKING

Printmaking is the process of creating multiple copies of an original image. It is designed to increase the students' understanding and appreciation of processes that are used to transfer an image from a plate or block to another surface such as paper or fabric in order to make multiple copies. Students learn the basics of the traditional techniques of intaglio, relief, planographic, and stencil techniques.

951 THREE-DIMENSIONAL DESIGN

This course introduces the basic elements, principles, and processes of three-dimensional composition. Principles of design are studied and applied in the creation of studio design projects. The class is designed to increase awareness of space and form.

960 PAINTING

This course presents representational and abstract painting in acrylic and watercolor media with emphasis on color, composition, and value. It covers the use of materials, color mixing, and basic painting techniques.

961 PAINTING 2

This course is intended for students committed to the practice and refinement of skills introduced in painting. Classes will include lecture, critique, discussion, and studio experience. Designed for intermediate and advanced students.
Recommended Prerequisite: Successful completion of Painting

962 DIGITAL ART

Digital Art will focus on computer technology as a tool for design. The course will provide students with a fundamental understanding of design vocabulary, digital tools, editing skills, concepts of digital imaging software and creative application of learned skills.

964 CERAMICS

Students will become acquainted with ceramics and all the potential forms it might take as well as the techniques to achieve each one. Specific assignments will be given to introduce each technique. Students will learn to prepare clay for work; they will stack and fire the kiln; and they will learn finishing techniques.

965 CERAMICS 2

Students will expand their knowledge of both functional and decorative ceramics through traditional and experimental techniques. The course will provide an opportunity for personal exploration and development of sound skills.
Recommended Prerequisite: Successful completion of Ceramics

966 PAINTING 3

This course is intended for students to practice and further refine skills. Individuals will plan the direction of this class to include lecture, critique, discussion, and studio art experience. It is designed for intermediate and advanced students.
Recommended Prerequisite: Successful completion of Painting 2

967 ART TOPICS

Students will have the opportunity to explore special topics, issues, and creative practices related to visual art. Each item will provide distinctive learning experiences.

MUSIC:

Course Number	Course Title	Credit Value	Grade Restrictions
970	Guitar 1	.5 (3 days)	9-12
971	Guitar 2	.5 (3 days)	10-12
973	Band	1.0	9-12
977	Music Theory	.5 (3 days)	10-12
978	Chorus	1.0	9-12
982	Rock History	.5 (3 days)	9-12
983	Jazz Ensemble	.5 (3 days)	9-12
987	Music History	.5 (3 days)	10-12
989	Guitar Ensemble 1	.5 (3 days)	9-12
990	Guitar Ensemble 2	.5 (3 days)	10-12
991	Guitar Ensemble 3	.5 (3 days)	11-12
992	Guitar Ensemble 4	.5 (3 days)	12
993	Music of Today	.5 (3 days)	9-12
994	Song Writing	.5 (3 days)	9-12
995	Class Piano	.5 (3 days)	9-12
996	Music for Movies	.5 (3 days)	10-12

970 GUITAR 1

This course is designed for the serious guitar student. Daily practice on melodic and chord progressions will be stressed. Students will perform in a group and alone.
Prerequisite: Student must own guitar to practice at home.

971 GUITAR 2

This course is designed for the second year guitar student. Daily practice on melodic, chord progressions and theory will be stressed. Students will perform in public, in a group and alone.
Prerequisite: Student must own guitar, practice at home. Successful completion of Guitar 1.

973 BAND

These courses are designed for students at the various grade and experience levels. Preparation of selections for various school activities is stressed. Emphasis will be placed on scales, intonation, phrasing, articulation, expression, theory, and the history of music. Periods of literature will be performed. Participation in all band activities is necessary to meet the criteria of these courses. A student may earn up to 4 credits in Band during their High School career.
Recommended Prerequisite: Teacher recommendation by audition only.

977 MUSIC THEORY

The purpose of this course is to strengthen the foundation of the serious music student. The following areas are stressed: music notation, vocabulary, rhythmic notation, and aural skills. Technology will be used to reinforce notation, aural skills and composition.

978 CHORUS

These courses are designed for students at the various grade and experience levels. The singing of music of several styles and period of music history are covered with emphasis in the development of intonation, diction, pitch accuracy, phrasing, and interpretation. Several public performances are presented during the school year. Participation in all choral activities is mandatory. A student may earn up to 4 credits in Chorus during their High School career.
Recommended Prerequisite: Teacher recommendation by audition only.

982 JAZZ AND ROCK HISTORY

This course deals with the development of rock and jazz music from its earliest beginnings. The various musical forms such as rhythm and blues, pop, rock, jazz, soul, etc. will be studied through the listening of recordings of various prominent musicians.

983 JAZZ Ensemble

This course is designed to further a student's experience in a small jazz ensemble using ensemble techniques, improvisation, and harmonic structures. Periods of literature will be performed. Public performances are presented during the school year.
Recommended Prerequisite: Teacher recommendation by audition only.

993 MUSIC OF TODAY

This course deals with music from the 21st Century and the role it plays in our daily lives. Listening and discussion of various modern genres will be stressed.

989 GUITAR ENSEMBLE 1
This course is designed for guitar students to perform music literature in a solo and ensemble setting. Several public performances are presented during the school year.
Prerequisite: Student must own guitar, practice at home. Successful completion of Guitar 1.

990 GUITAR ENSEMBLE 2

This course is designed for guitar students to perform music literature in a solo and ensemble setting. Several public performances are presented during the school year.
Prerequisite: Student must own guitar, practice at home. Successful completion of Guitar Ensemble 1.

991 GUITAR ENSEMBLE 3

This course is designed for guitar students to perform music literature in a solo and ensemble setting. Several public performances are presented during the school year.
Prerequisite: Student must own guitar, practice at home. Successful completion of Guitar Ensemble 2.

992 GUITAR ENSEMBLE 4

This course is designed for guitar students to perform music literature in a solo and ensemble setting. Several public performances are presented during the school year.
Prerequisite: Student must own guitar, practice at home. Successful completion of Guitar Ensemble 3.

994 SONGWRITING

This course is designed for the student interested in creating original works of music. Students will learn about various approaches to songwriting, including blues, rock, and pop idioms. Topics include the importance of the song in the music industry, the relationship of words to music, song structure, and song demo production.

995 CLASS PIANO

This course is designed for students interested in developing basic piano and keyboard skills, or expanding their existing skills. Students will develop skills in playing melodies, scales, and chords, while learning to read music notation. Students will play both individually and as a group.

996 MUSIC FOR MOVIES

Students will explore and discuss the elements of film music, as well as famous film composers, actors and producers. They will also experience techniques for film scoring through research and projects. Lecture from guest artists and other elements of the film industry will also be covered.

COURSE CATALOG INDEX LISTING:

HEALTH AND PHYSICAL EDUCATION:

Course Number	Course Title	Credit Value	Grade Restrictions
001	Adaptive Physical Education	TBD	9-12
004	Physical Education 9 & 10	.34 (2 Days)	9-10
003	Physical Education 11 & 12	.34 (2 Days)	11-12
015	Health Education	.5 (3 Days)	9
005	Recreation Education	.5 (3 Days)	12

ENGLISH:

Course Number	Course Title	Credit Value	Grade Restrictions
115	English 9	1.0	9
116	English Honors 9	1.0	9
117	English 10	1.0	10
118	English Honors 10	1.0	10
121	English 11	1.0	11
130	English Honors 11	1.0	11
141	A.P. English Language & Composition	1.0	12
142	Honors English 12	1.0	12
143	English 12	1.0	12
163	Creative Writing/Journalism	1.0	11-12
164	Keystone Literature Clinic	TBD	11-12

SOCIAL STUDIES:

Course Number	Course Title	Credit Value	Grade Restrictions
231	American Cultures 11	1.0	11
233	American Cultures Honors 11	1.0	11
234	American Cultures 9	1.0	9
235	American Cultures Honors 9	1.0	9
236	World Cultures 10	1.0	10
237	World Cultures Honors 10	1.0	10
238	American Government 12	1.0	12
239	A.P. European History	1.0	12
240	A.P. United States History	1.0	11
242	A.P. United States Govt. & Politics	1.0	12
243	21st Cent Gr. Issues/Comp. Ideology	1.0	12
245	Sociology	1.0	12
246	Psychology	1.0	12

FOREIGN LANGUAGE:

Course Number	Course Title	Credit Value	Grade Restrictions
341	Spanish I	1.0	9-12
342	French I	1.0	9-12
351	Spanish II	1.0	10-12
352	French II	1.0	10-12
361	Spanish III	1.0	11-12
362	French III	1.0	11-12
371	Spanish IV	1.0	12
372	French IV	1.0	12

MATHEMATICS:

Course Number	Course Title	Credit Value	Grade Restrictions
412	Algebra 1	1.0	9-12
423	Geometry	1.0	9-12
424	Honors Geometry	1.0	9-12
433	Algebra 2 with Trigonometry	1.0	10-12
434	Honors Algebra 2 with Trigonometry	1.0	10-12
439	Honors Precalculus 11	1.0	11
440	Precalculus 11-12	1.0	11-12
441	Math 11-12	1.0	11-12
443	Math Topics 12	1.0	12
444	Statistics 11-12	1.0	11-12
446	Honors Calculus	1.0	12
447	A.P. Calculus AB	1.0	12
448	Keystone Algebra I Math Clinic	TBD	9-12

SCIENCE:

Course Number	Course Title	Credit Value	Grade Restrictions
510	Biology	1.0	10
515	Honors Biology	1.0	9-10
520	Intro to Chemistry	1.0	10-11
530	Ecology	1.0	11-12
541	A.P. Biology	1.0	11-12
542	Anatomy and Physiology	1.0	10-12
543	Chemistry	1.0	10-11
544	Honors Chemistry	1.0	10-11
545	A.P. Chemistry	1.0	12
546	Integrated Science 9	1.0	9
549	Physics	1.0	11-12
551	Honors Physics	1.0	11-12

553	Nuclear and Organic Chemistry	.5	11-12
555	A.P. Physics C: Mechanics	1.0	12
556	Genetics	.5	11-12
511	Keystone Biology Clinic	TBD	10-12

CAREER TECHNOLOGY:

Course Number	Course Title	Credit Value	Grade Restrictions
622	Financial Technological Applications	1.0	11- 12
640	Accounting 1	1.0	10 – 12
641	Accounting 2	1.0	11 – 12
644	Business Law	1.0	11 – 12
646	Economics	1.0	11 – 12
652	Introduction to Web Design	1.0	11 – 12
661	Multimedia Applications	1.0	9 – 12
663	Computer Integrated Software 1	1.0	10 – 12
664	Computer Integrated Software 2	1.0	11 – 12
665	Computer Programming 1	1.0	11 – 12
666	A.P. Computer Science	1.0	12

TECHNOLOGY EDUCATION:

Course Number	Course Title	Credit Value	Grade Restrictions
710	Technology & Society	.5 (3 days)	9-12
761	AutoCAD I (Drafting 1)	.5 (3 days)	9-12
764	AutoCAD II (Drafting 2)	.5 (3 days)	10-12
767	AutoCAD III (Drafting 3)	.5 (3 days)	11-12
763	AutoCAD IV (Drafting 4)	.5 (3 days)	12
770	Information Technology 1	1.0	10-12

FAMILY & CONSUMER SCIENCES:

Course Number	Course Title	Credit Value	Grade Restrictions
816	Child Care & Development	.5 (3 days)	10-12
818	Careers with Children	.5 (3 days)	10-12
821	Family & Consumer Issues	.5 (3 days)	10-12
831	Teens in Homemaking	.5 (3 days)	9
862	Food and Tech. / World of Foods	.5 (3 days)	10-12
868	Quilting	.5 (3 days)	11-12
869	Contemporary Foods	.5 (3 days)	9-12

ART:

Course Number	Course Title	Credit Value	Grade Restrictions
915	Studio Art	.5 (3 days)	9
921	Crafts	.5 (3 days)	10-12
925	Art Design Concepts	.5(3 days)	10-12
931	Drawing	.5 (3 days)	10-12
941	Printmaking	.5 (3 days)	10-12
951	3-D Design	.5 (3 days)	10-12
960	Painting	.5 (3 days)	10-12
961	Painting 2	.5 (3 days)	11-12
962	Digital Art	.5 (3 days)	10-12
964	Ceramics	.5 (3 days)	10-12
965	Ceramics 2	.5 (3 days)	11-12
967	Art Topics	.5 (3 days)	10-12
966	Painting 3	.5 (3 days)	12

MUSIC:

Course Number	Course Title	Credit Value	Grade Restrictions
970	Guitar 1	.5 (3 days)	9-12
971	Guitar 2	.5 (3 days)	10-12
973	Band	1.0	9-12
977	Music Theory	.5 (3 days)	10-12
978	Chorus	1.0	9-12
982	Rock History	.5 (3 days)	9-12
983	Jazz Ensemble	.5 (3 days)	9-12
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990	Guitar Ensemble 2	.5 (3 days)	10-12
991	Guitar Ensemble 3	.5 (3 days)	11-12
992	Guitar Ensemble 4	.5 (3 days)	12
993	Music of Today	.5 (3 days)	9-12
994	Song Writing	.5 (3 days)	9-12
995	Class Piano	.5 (3 days)	9-12
996	Music for Movies	.5 (3 days)	10-12