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Mr. Ronald Blahusch
Mrs. Rachel Chew
Mr. Carl Palmer

PHONE NUMBERS

High School Main Office..... 465-1852
Ext. 500
High School Guidance Office..... 465-1852
Ext. 505 & 508

ABOUT THE COMMUNITY

Middle Township High School is a four year, accredited, comprehensive high school situated in central Cape May County. The school serves the communities of Middle Township, Dennis Township, Avalon, and Stone Harbor. Middle Township consists of approximately 70 square miles of rural, lightly populated woodlands and marshes. Within the borders of the township are small, unincorporated villages including the County Seat, Cape May Court House. Dennis Township is similar to Middle Township, but is slightly smaller geographically and in population. Avalon and Stone Harbor are seashore resort communities located on Seven Mile Beach Island. Seasonal tourist trade is the major economic factor for the area.

SCHOOL CURRICULUM

The school's curriculum reflects a traditional approach to education. Emphasis is placed on skills development and the ability to use the skills effectively. There are three basic areas of academic preparation available for students at the high school: College Preparatory, School-to-Success, and Special Needs/Vocational. Cape May County Vocational Technical H.S. provides full-day instruction for vocationally oriented students. A shared time program between Middle Township High School and Cape May County Vocational Technical High School is available for special needs students only.

Academically talented students are offered a full range of scholastically demanding business and college prep subjects. Honors courses are available in English, Math, Social Studies, Science, and Computers. AP courses are also available in the same disciplines, plus mathematics. Honors courses are weighted with a factor of .50 and AP courses are weighted with a factor of .75.

GRADUATION REQUIREMENTS

In order to graduate from Middle Township High School, students must earn 120 credits which must include:

- 20 credits in English (4 years)
- 20 credits in Health/Physical Education (4 years)
- 15 credits in Mathematics (3 years)
- 5 credits in World-History (1 year)
- 10 credits in U.S. History (2 years)
- 15 credits in Science (3 years)
- 5 credits in a Computer course (1 year)
- 5 credits in Visual and/or Performing Arts
- 5 credits in Practical Arts
- 5 credits in World Languages effective with the 2004-2005 grade nine class.
- 20/30 Elective credits (based on graduation requirements)

Each full year two-mod course carries 5 credits, and each full-year three-mod course carries 7.5 credits. Half-year courses carry 2.5 credits. In addition to the above requirements, students must pass the New Jersey High School Proficiency Assessment which they take for the first time in the spring of their Junior year.

GRADE DISTRIBUTION

A+ 98-100	A 95-97	A- 93-94
B+ 90-92	B 87-89	B- 85-86
C+ 82-84	C 79-81	C- 77-78
D+ 74-76	D 72-73	D- 70-71
F 70 or Below		

SCHEDULING AND COURSE SELECTION PROCEDURES

The most important thing that a student does each year is make course selections for the following year. Serious consideration must be given to this process and teachers, counselors, and parents should all be involved. When it comes to course selection, teachers—who should know the students best—must counsel students to make the right choices. Students must be realistic concerning their choices and should seek the advice of their teachers, counselors, and parents. Primary consideration must be given to the graduation requirements and then to the requirements of the college they would like to attend.

Course selections are made in the early part of the second semester. This means that decisions must be made as much as seven months in advance of the start of a new school year. Course selection is done by the student with the help of his counselor. Lists are printed and returned to the students for them to review with their parents and to make any changes that might be needed or desired.

Every effort is made by the high school staff to help students and parents choose the best program for each student's needs. Results from standardized testing, teacher recommendations, state-mandated guidelines, and common sense all play an important role in this selection procedure.

ENGLISH

1103 ENGLISH PROFICIENCY I 5 credits

English I is a full-year course designed to remediate high school students in grade nine in basic language skills that are essential to pass the New Jersey State High School Proficiency Assessment. This course will also instruct high school students in developmental language skills to be successful in all high school subjects.

The remedial sections of each course will improve skills in those areas identified on the NJHSPA – (Reading Comprehension/Vocabulary, Study Skills, and Writing/Editing) and may be more specifically described in an Individual Student Instructional Program.

The developmental section of the course will improve grammar and usage skills, literature skills, oral expression skills, and additional vocabulary skills.

In order to receive credit for this course, the student must be able to perform the following activities at a minimal level of proficiency:

1. Recognize and demonstrate correct usage of parts of speech, parts of a sentence, subject-verb agreement, capitalization, punctuation, paragraph development, short composition, and vocabulary.
2. Recognize conflict, plot, character, theme, setting, and literary techniques as they apply to the various genres of literature including short stories, novel, and drama as well as Shakespeare's life, times, and work.
3. Read with understanding and participate actively in discussion of literature.
4. Recognize and analyze the various forms of poetry, literary devices in poetry, and the requirements of poetry as a genre.
5. Revise one another's written text for content, organization, grammar, usage, syntax, and mechanics.
6. Use prewriting strategies, a variety of modes of discourse, and appropriate form for a given writing assignment.
7. Identify and address a variety of audiences and produce a written product that communicates the writer's intent.
8. Organize information in a variety of ways, i.e., time order, compare/contrast, general statement supported by set of related ideas, cause/effect, logical order.
9. Compose narrative, descriptive, explanatory, and persuasive paragraphs.
10. Prepare and deliver oral presentations for a variety of audiences.
11. Demonstrate research and media center skills by preparing an oral presentation, paper or project.

1102 GENERAL ENGLISH I5 credits

This course reinforces grammar, writing, vocabulary, and literature/reading skills through a "whole language" approach. The student is provided with an overview of literature reflecting various genres.

In order to receive credit for this course, the student must be able to perform the following activities at a minimal level of proficiency:

1. Recognize and demonstrate correct usage of parts of speech, parts of a sentence, subject-verb agreement,

capitalization, punctuation, paragraph development, short composition, and vocabulary.

2. Recognize conflict, plot, character, theme, setting, and literary techniques as they apply to the various genres of literature including short stories, novel, and drama as well as Shakespeare's life, times, and work.
3. Read with understanding and participate actively in discussion of literature.
4. Recognize and analyze the various forms of poetry, literary devices in poetry, and the requirements of poetry as a genre.
5. Revise one another's written text for content, organization, grammar, usage, syntax, and mechanics.
6. Use prewriting strategies, a variety of modes of discourse, and appropriate form for a given writing assignment.
7. Identify and address a variety of audiences and produce a written product that communicates the writer's intent.
8. Organize information in a variety of ways, i.e., time order, compare/contrast, general statement supported by set of related ideas, cause/effect, logical order.
9. Compose narrative, descriptive, explanatory, and persuasive paragraphs.
10. Prepare and deliver oral presentations for a variety of audiences.
11. Demonstrate research and media center skills by preparing an oral presentation, paper or project.

1101 COLLEGE PREP ENGLISH I5 credits

College Prep English I is designed to provide students with an integrative language program. The units are organized by genre to encourage comprehensive study of the types of literature. College English is designed for students who plan to attend college. Emphasis is on literature, vocabulary, communication skills, critical thinking skills, grammar and composition.

In order to receive credit for this course, the student must be able to perform the stated activities of General English I, plus the following, at a minimal level of proficiency:

1. Recognize and demonstrate correct usage of pronouns, modifiers, and plurals and possessives.
2. Demonstrate the use of appositives, clauses, phrases, and compound subjects and verbs in order to improve sentence variety.
3. Demonstrate research and media center skills by writing a research paper using correct documentation style.
4. Demonstrate competency in recognizing conflict, plot, character, theme, setting, and literary techniques as they apply to the various literary genres.
5. Demonstrate proficiency in revising one's own and another's written text for content, organization, grammar, usage, syntax, and mechanics.
6. Demonstrate effective writing for various modes of discourse as well as appropriate forms for a given writing situation.
7. Demonstrate speaking skills for a variety of audiences.

1100 HONORS ENGLISH I.....5 credits

Honors English I is designed to provide ninth grade students with an overview of literary genres and the critical reading, writing, and thinking skills necessary for more advanced literary analysis.

In order to receive credit for this course, the student must be able to perform the stated activities of General and College Prep English I, plus the following, at an advanced level of proficiency:

1. Develop and apply higher level reading skills to the interpretation of literature.
2. Develop and practice higher level thinking skills.
3. Develop multiple major projects, both oral and written, supporting literary genre studies in class.
4. Effectively produce multiple written products supporting literary genre studies in class.
5. Develop and create an oral presentation for peer review.
6. Complete summer reading and writing assignments.
7. Demonstrate research and library skills by writing a research paper using correct documentation style.

1418 INTRO TO TELEVISION BROADCASTING & PRODUCTION (1/2 year).....2.5 credits

This 1/2 year elective course is an introductory overview of the broadcasting process designed for the general-level student to partially fulfill the fine arts requirement established by the state of New Jersey. It will explore broadcasting from all aspects, focusing on the role of broadcasting news, writing, and production.

This course is designed for the student with an interest in broadcasting, as a prerequisite for the student interested in working in a productions studio, or one with a desire to improve writing skills, speaking skills, or oral communication.

The writing section of this course will examine how news differs from, yet draws upon, literary or narrative composition.

The production section of the course emphasizes the nature of communication, media literacy, and the historical development of media devices such as books, film, music, newspapers, radio, and television. This section also examines the history of broadcasting, along with the legal aspects of a school production studio.

7390 INTRO TO THEATRE SURVEY.....2.5 credits

This 1/2 year elective course is designed as a first year exploratory theatre course for the general track student to partially fulfill the fine arts requirement established by the state of New Jersey. Introduction to Theatre Survey will expose students to the performance, technical, and literary aspects of Theatre Arts. The curriculum will include the various dynamic aspects of the actor in preparation and performance, the practical aspects of planning, designing, constructing, and operating the physical theater, and a study of the history of theatre and a reading analysis of the different genre of dramatic literature within that historical context.

An ongoing objective of the course will be an awareness and appreciation of good theatre and the desire to continue as an intelligent participant in, or observer of, the oldest form of human creative endeavor.

In order to receive credit for this course, the student must be able to perform the following at a minimal level of proficiency:

1. Pass a comprehensive test on selected terms from the technical and literary aspects of the course.
2. Demonstrate individual and cooperative skills in interpretation, rehearsal, and performance of solo and cast scenes and plays.
3. Demonstrate individual and cooperative technical skills in analysis, planning, and staging of single and/or multiple scene performances.
4. Recognize the physical and literary elements of various periods of theater history.
5. Develop a deep appreciation of the artistic imagination, especially as it pertains to drama.

1419 TELEVISION BROADCASTING & PRODUCTION5 credits

This elective course is designed to explore broadcasting from all aspects, focusing on the role of broadcasting news, writing, and production. The broadcasting course will focus on skills and techniques that relate to news gathering, news writing in broadcast form, and news reporting. On-going development of skills in reading, writing, speaking, and listening will be emphasized.

This course is designed for the student with an interest in a career in broadcasting, as a prerequisite for the student interested in working in a productions studio, or one with a desire to improve writing skills, speaking skills, or oral communication.

The writing section of this course will examine how news differs from, yet draws upon, literary or narrative composition. Students will be expected to demonstrate the ability to write in various broadcast journalism styles adhering to specific grammatical rules.

The production section of the course emphasizes the nature of communication, media literacy, and the historical development of media devices such as books, film, music, newspapers, radio, and television. This section also examines the history of broadcasting along with the legal aspects of a school production studio.

The television broadcasting & production elective can be taken in succeeding years. The course proficiencies will be modified to reflect additional years of study.

7391 THEATRE SURVEY.....5 credits

This elective course is designed as a first year exploratory theatre course. Theatre Survey will expose students to the performance, technical, and literary aspects of Theatre Arts. The performance curriculum will include the various dynamic aspects of the actor in preparation and performance. The technical curriculum will include the practical aspects of planning, designing, constructing, and operating the physical theater. The literary curriculum will include a study of the history of theatre and a reading analysis of the different genre of dramatic literature within that historical context. An ongoing objective of the course will be an awareness and appreciation of good theatre and the desire to continue as an intelligent participant in, or observer of, the oldest form of human creative endeavor.

In order to receive credit for this course, the student must be able to perform the following at a minimal level of proficiency:

1. Pass a comprehensive test on selected terms from the technical and literary aspects of the course.
2. Demonstrate individual and cooperative skills in interpretation, rehearsal, and performance of solo and cast scenes and plays.
3. Demonstrate individual and cooperative technical skills in analysis, planning, and staging of single and/or multiple scene performances.
4. Recognize the physical and literary elements of various periods of theater history.
5. Develop a deep appreciation of the artistic imagination, especially as it pertains to drama.

FOREIGN LANGUAGES

5101 FRENCH I, CP5 credits

French I is an elective course offered to any 9th through 12th grade student. It is designed to provide students with the necessary vocabulary and grammar to achieve listening, speaking, reading, and writing skills indicative of Level I learning.

In order to receive credit for this course, the student must be able to perform the following activities at a minimal level of proficiency:

1. Use nouns, pronouns, adjectives and adverbs consistent with Level I achievement.
2. Use verbs, regular and irregular, in present and perfect past form.
3. Use numbers from 1 to 100.
4. Demonstrate reading comprehension by correctly answering questions on the given subject matter.
5. Speak, write, and read French within a vocabulary range.
6. Memorize and orally deliver an assigned poem or given situation.
7. Demonstrate knowledge of French culture.

5201 FRENCH II, CP.....5 credits

French II is an elective course offered to any 9th through 12th grade student who has successfully completed French I. French II is designed to provide students with the necessary vocabulary and grammar to achieve listening, speaking, reading, and writing skills indicative of Level II learning.

In order to receive credit for this course, the student must be able to perform the following activities at a minimal level of proficiency:

1. Use nouns, pronouns, adjectives, and adverbs consistent with Level II achievement.
2. Use verbs, regular and irregular, in present, past and future form.
3. Use an active vocabulary in given situations.
4. Demonstrate comprehension of printed materials.
5. Memorize and orally deliver an assigned poem or report.
6. Demonstrate knowledge of French culture.

5121 SPANISH I, CP.....5 credits

Spanish I is designed to provide students with the necessary vocabulary and grammar to develop skills in listening, speaking, reading and writing indicative of Level I learning. It is also designed to allow the students to become aware of a culture other than own.

In order to receive credit for this course, the student must be able to perform the following activities at a minimal level of proficiency:

1. Understand and produce memorized utterances and sequences in oral and written form.
2. Develop listening, speaking, reading, and writing skills to be able to meet survival needs in the classroom dealing with recurring events and functions.
3. React in a limited way to social situations without complications.
4. Understand and answer in an oral or written sentence a structured question about real, personal experiences.
5. Show some spontaneity and creative language use in response to an oral or written question, situation, or visual.
6. Complete a quarterly project in the form of research papers and/or craft work as designated. This includes participation in the annual Language and Cultural Fair.

5221 SPANISH II, CP.....5 credits

Spanish II is an elective course offered to any 9th through 12th grade student who has successfully completed Spanish I. Spanish II is designed to provide students with the necessary vocabulary and grammar to achieve listening, speaking, reading, and writing skills indicative of Level II learning.

In order to receive credit for this course, the student must be able to perform the following activities at a minimal level of proficiency:

1. Use nouns, pronouns, adjectives, and adverbs consistent with Level II achievement.
2. Use verbs, regular and irregular, in present, past and future form.
3. Participate in active, meaningful conversation based on topics of everyday life.
4. Demonstrate ability to develop writing and speaking skills using correct grammatical structure.
5. Increase understanding of the Spanish culture through reading and discussion of printed materials.
6. Complete a quarterly project in the form of research papers and/or craft work/ presentations as indicated.

SOCIAL STUDIES

2201-22022 U. S. HISTORY I5 credits General & College Prep

U.S. History I is a required, year long course usually studied by freshman. U.S. History I is offered on three ability/track levels: General, College Preparatory, and Honors. The focus of this course is the historical, sociological, political and economic development of the United States from the pre-colonial era to the close of the nineteenth century.

2200 HONORS U. S. HISTORY I.....5 credits

These courses are designed for the college bound freshman who is seeking a real challenge. Student should possess excellent reading and writing skills for extensive reading and writing will be required.

While being concerned with acquisition of historical knowledge, the emphasis of these courses will be on the development of skills that will allow the student to analyze and interpret historical evidence and present their findings in essay format.

This course serves as a prerequisite for the AP American History course that is offered to juniors. The course content covers all major aspects of American history from colonial times to the present day. This content is divided in half between the two courses.

SOCIAL STUDIES ELECTIVES

2402 AFRO-AMERICAN HISTORY.....2.5 credits

Afro-American History is an elective, half-year course, usually studied by juniors and seniors. This course will have an in-class support situation welcoming both Special Education and non-classified students at all levels (9-12). Assignments and class activities will be adapted to individual student levels of ability and learning. The adaptation will be to cover the spectrum of students who may choose to take the class. It examines the impact of black Americans on American History. The course provides insights into the roots of prejudice and discrimination while also highlighting the contributions of Black Americans to our progress as a nation.

MATH

3135 HSPA Math 9.....5 credits

This course is required for the student who is non-proficient on the Grade 8 Proficiency Assessment and/or below a C average in 8th grade math. The course reinforces basic concepts and fundamental mathematical operations, and the problem solving skills necessary for success on the HSPA. The course goal is to provide those skills needed to continue to AG-1 and proficiency on the HSPA 11.

3111 ALGEBRA/GEOMETRY I-CP.....5 credits

This course is designed for the college bound student with a passing grade on the grade 8 Proficiency Assessment and a C or better average in 8th grade math. Also, students who are proficient on a practice HSPA and have a C or better average in HSPA Prep 9 may take this course. The course is a one year course that covers about two-thirds of the Algebra 1 curriculum. Algebra/Geometry 1 is the first year of a three year program. This course is open to any student in grades 9-12 who find themselves too weak in mathematics to take the full Algebra 1 course.

3101 ALGEBRA I-CP.....5 credits

This course is required for 9th grade college bound students. The student should have the recommendation of the counselor, a passing grade on the grade 8 Proficiency Assessment or on the HSPA and a B average in the previous math course. The course is designed to provide a thorough background in the use of variables to solve equations and inequalities. The typical student is expected to have strong arithmetic skills and a good working knowledge of fractions, decimals, and other basic mathematical concepts. Emphasis is placed on using the arithmetic and algebra skills learned to solve various types of verbal problems. Since this course is a building block for further mathematics, care is taken to stress the basic steps in solving various types of equations and the use of checking answers to ensure success.

3100 ADVANCED ALGEBRA II –HONORS5 credits

Algebra II is a full-year course offered to college bound students in Grades 11 and 12 who have successfully completed both Algebra I and Geometry with a C or better and have passed the practice HSPA 10. Algebra II AG is offered to students in Grade 12 who have successfully completed the Algebra/Geometry 1, 2, and 3 program with a C or better and are proficient on the HSPA 11. Advanced Algebra II is offered to students in Grade 9 who have completed Algebra I in the eighth grade with a B or better and are proficient on the GEPA.

All three Algebra II courses enable the college preparatory student to further their mathematical ability in the use of variables for solving equations and inequalities. It also continues the emphasis from Algebra 1 in solving verbal problems. In addition, the course introduces the student to more involved processes of Mathematics such as conic sections, higher degree polynomials, and the methods of solving quadratic equations that do not have perfect square discriminates. The student is also introduced to the Imaginary Number System as another solution set for equations.

The Advanced Algebra II Honors course pursues the more involved processes of Mathematics to include Sequences and Series, Matrix Algebra, and the use of Pascal's Triangle and the Binomial Theorem. This coursework enables the mathematically competent student to use and understand the more complex concepts in Algebra and continue in the advanced program. These topics covered coincide with those presented in the Algebra III section of the Algebra III/Trigonometry course.

FINE ARTS

7101 ART FOUNDATION I.....5 credits Grades 9-12

This is an entry level course for the High School Visual Arts Curriculum. It is designed to provide an overview of Visual Arts while studying a broad variety of art tools and materials. With an emphasis on studio production, this course is designed to develop higher level thinking, art related technology skills, art history, and aesthetics.

MUSIC

7012 CONCERT CHOIR.....5 credits

Concert Choir is a performance oriented full-year course. Enrollment is open to all students grades 9 through 12. Participation of several annual performances is required. Proficiencies:

1. Participation in classroom rehearsals and individual skill level improvement is the major basis for grading. In addition, students are required to participate in concert performances.
2. The course will include a written final exam which all students are required to take. The exam will count 20% of the final grade.

7022 ADVANCED ENSEMBLE.....5 credits

Advanced Ensemble is a performance oriented full-year course. Enrollment is by audition only and is open to students grades 9 through 12. Proficiencies:

1. Participation in classroom rehearsals and individual skill level improvement is the major basis for grading.
2. Students are required to participate in concert performances.
3. A written final exam is required.

7033 MUSIC A-Z.....2.5 credits

This one semester course will serve as an introduction to music theory and music appreciation, providing students with a background in music basics. It will focus on musical notation, rhythm, symbols, and terminology, as well as history and major works in the vocal and orchestral repertoire. Students will also become more familiar with the instruments of the orchestra and their roles in musical compositions. This course will allow students to broaden the range of musical knowledge and expand cultural opportunities available to them at Middle Township High School and in their community.

7034 HISTORY OF ROCK-N-ROLL ...2.5 credits

This one semester course will focus on the development of popular music in America, beginning with the

popular standards of the '30's and 40's, to the birth of Rock and Roll in the 1950's, and its continued metamorphosis into the 21st century. Additionally, students will analyze the role technology plays in popular music, from the introduction of the Victrola and records, 8-Track and cassettes, CD's and Internet music sources.

7042 MUSIC THEORY2.5 credits

Music Theory is a one semester course in which the basic fundamentals of music notation are identified. These will include the Grand Staff, clef signs, line and space names, note and rest values, time and key signatures, and major scale construction.

7052 ADVANCED MUSIC THEORY....2.5 credits Prerequisite: Music Theory or the instructor's approval.

Advanced Music Theory is a one semester course in which a knowledge of the fundamentals of music notation (Theory I) is a prerequisite to the study of basic harmony. The construction of Triads, Chords and their progressions and cadences is studied as a foundation for basic harmony.

Students must take Music Theory (I) to take this course.

7055 CLASS PIANO2.5 credits

This one semester course introduces beginners to basic piano study, as well as provides no-cost lessons to students with previous keyboard skills. Students will learn musical notations, historical repertoire relevance and musicality, playing individual instruments in a classroom, not practice room setting. Accomplished students will hone their skills, as well as expand their repertoire, perform dual-piano pieces, develop their accompanying skills, and reinforce the rudiments of basic music theory. The instructor will work with students on a one-to-one basis, documenting progress and development weekly. Students would be eligible for enrollment in class piano multiple semesters and years, as there is no end to musical development and knowledge. Study of piano allows students to expand hand/eye coordination, increase mathematical capabilities, use diverse computer technology and broaden creative horizons. Students will perform a weekly, in-class recital displaying their weekly practice results. Students will also listen to and attend live piano events, noting musical styles, techniques, and crating event critiques.

7097 TOB/WIND ENSEMBLE.....5 credits

TOB/ WIND ENSEMBLE is a performance oriented full-year course which consists of: competitive Marching Band (Tournament of Bands = TOB - Sept., Oct., Nov.), Wind Ensemble Repertoire and Development (Dec. thru Mar.), and Marching Band Repertoire (Apr., May & June). Students are required to participate in all concerts, competitions, parades (including Memorial Day) and related events (including graduation). Attendance at practice after school is required as scheduled to prepare for competitive performances.

7284 SYMPHONIC BAND.....5 credits

Symphonic Band is a performance oriented full-year course which consists of: Sightreading and Repertoire Exposure (Sept., Oct. and Nov) Symphonic Band Literature (Dec. thru April) and Symphonic Literature Development (May and June). Symphonic Band is a separately scheduled concert band course that will perform with the Wind Ensemble to form the concert band ensembles. Attendance at after school practices is required as scheduled to prepare for competitive performances. Students are required to perform at all concerts and related events (graduation).

7091 MUSIC MINI LESSONS

Students will receive a 44 minute lesson per week utilizing the Finale 98d music notation software. This software will assist students in orchestration, transposition and manuscript writing. This program is designed for the professional composer/arranger, yet is very user-friendly for students. Notes can be entered either through the use of the mouse/keyboard or midi (music instrumental digital interface) keyboard. These lessons can serve as remedial instruction for Music Theory students as well. Students will be graded for their progress and attendance and will receive 1 to 5 credits depending on their schedule.

BUSINESS AND TECHNOLOGY

The Business/Technology courses offer students an updated curriculum of new technology and methodology. These courses provide valuable skills for success in the Information Age of the 21st century including skills necessary to succeed in the workplace and/or in higher education.

6102 INFORMATION PROCESSING I....5 credits

This is a full-year, five credit, course designed to prepare students to use a computer to perform word processing. This course is vocationally oriented for students who contemplate a career in the business field or for those college prep students who want to obtain a greater degree of proficiency in document processing.

While similar in content to the personal information processing half-year course, more time would be spent on each of the following areas: Keyboarding technique, personal and business correspondence, reports, tables, outlines, and memos.

6742 PERSONAL INFORMATION PROCESSING.....2.5 credits

Personal Information Processing is a half year course designed to provide students with keyboarding and word processing skills necessary for personal and business use. Students will learn to keyboard using the "touch" method and strengthen this skill by creating many different documents. These documents include: personal and business letters,

envelopes, outlines, unbound reports, reference and title pages, tables, and memos.

6212 ACCOUNTING I.....5 credits

Accounting I is a full-year course, required of all students pursuing a Business Program through high school. It is also an elective for all other students. It gives students a thorough grounding in basic accounting principles and serves as an aid in all other business subjects.

The course includes the complete accounting cycle for both a small service and merchandising business. Projects and simulations are used for review, and a final examination is required.

6332 COMPUTER SYSTEMS.....5 credits

Prerequisite: 1 Computer course or teacher recommendation.

This is a full year course designed for theoretical and practical computer system skills. The course incorporates an algorithmic approach to both programming and application software. Students will use an integrated software package such as Office, explore technology theory, and program in high level languages.

6606 TECHNICAL LIFE SKILLS.....5 credits

Technical Life Skills is an introductory course designed to provide students with a variety of skills necessary for success. Students will gain a better understanding of basic computer skills, career awareness and career path development, money management and interpersonal communication skills.

6613 COMPUTER TECHNOLOGY & APPLICATIONS5 credits

This full year course provides the students a strong working knowledge of computer hardware and an integrated software package. Students will use Microsoft Office Premium and a variety of other software to create and explore state of the art applications.

In order to receive credit for this course, the student must be able to perform the following activities at a minimal level of proficiency:

1. Develop and enhance communication and presentation skills.
2. Develop the ability to create, edit, and format documents.
3. Develop spreadsheets for data analysis and interpretation.
4. Develop and organize facts in a database and retrieve the information in a varied way.
5. Use the Internet as a learning and resource tool for web page evaluation and construction.
6. Students will be introduced to Movie Maker and Photo Shop.

6619 COMPUTER SERVICE & REPAIR 2.5 CREDITS

This course is a hands-on course for General Education students with limited or no PC experience. Topics covered include introduction to the personal computer, motherboards, printers, computer viruses, computer repair and troubleshooting. This course partially fulfills the graduation requirement for computer course.

6721 CONSUMER EDUCATION.....2.5 credits

This half-year course is offered to students to assist them in using critical thinking, decision making, and problem solving skills. This course will focus on developing personal living skills. Students will have the opportunity to use software and the Internet to acquire and reinforce skill for "real world" success. The students will become familiar with effective personal money management techniques

The core objective of this course are:

1. Budgeting
2. Savings and checking accounts.
3. Establishing credit.
4. Obtaining a car.
5. Choosing whether to rent or own a home.
6. Purchasing various types of insurance.

7285 DIGITAL PHOTOGRAPHY...2.5 credits

This is a hands-on course designed for General Education students with an interest in digital photography at the beginner's level. Topics include parts of the digital camera, shooting and editing photographs, and using photographs in publications. Students will learn how to use *Adobe Photoshop Elements* software to print and edit their pictures. Digital cameras will be provided for student use.

7531 MANUFACTURING I5 credits

Students will learn the principles of manufacturing and production and how these processes impact the world in which we live. The students will brain storm, design, and create products from both natural and synthetic materials as they learn about production from the planning stage to the marketing stage. These hands-on courses give students the opportunity to learn about various manufacturing systems and make corresponding products within each system.

1. Identify and understand the manufacturing system and its impact on their lives.
2. Understand the development of various manufacturing systems.
3. Identify and utilize production systems and processes.
4. Understand how ideas are turned into plans and eventually into products.
5. Design and estimate the cost of various projects.
6. Understand products life cycles.
7. Understand manufacturability: parts, standardization, simplification, modular design and assembly.
8. Create prototypes for various products.
9. Solve problems presented before, during and after all process and applications throughout the course.
10. Be aware of careers and skills relating to manufacturing

7572 TECHNICAL DRAWING AND DESIGN, 1.5 credits

We offer a four year program in Developmental Mechanical Drawing. The courses are sequential and cover a wide variety of methodologies. Each course successfully completed carries a course credit value of 5. In order to receive credit for this course, the student must be able to perform the following activities at a minimal level of proficiency:

1. Perform Mechanical Drawing activities as prescribed by instructor.
2. Gain an awareness of current industry requirements for employment.
3. Show a continual growth pattern of skill development.

7575 TECHNOLOGY EDUCATION I5 credits

These career-oriented courses are designed to include today's and tomorrow's technology. The students will learn basic project planning, engineering, research and development, communications, and graphic technologies. The students will have both hands-on and multi-media activities to develop the recommended skills, competencies and behaviors needed for worker preparedness and proficiency in our technological society.

The student will be able to:

1. Interpret scale drawings to examine planning and layout processes typically used in basic planning, and apply information to hands-on projects.
2. Examine and define typical electronic devices used in today's society.
3. Identify and define the hardware components of a modern desktop computer and explain the operation of each component.
4. Demonstrate through hands-on exploration the planning and production of model bridges.
5. Understand the parts of communication systems, the purposes of communication, and the impact of communication technology on our daily lives.
6. Understand graphic message transmission and reception, including printing, photography and drafting.
7. Understand through hands-on exploration, Newton's law of physics, "For every action there is an equal and opposite reaction".
8. Understand how computers are being integrated into the planning, production, and control of manufacturing.
9. Understand the major processes used in planning refinement of concepts used in technology education.
10. Be aware of careers and skills relating to the use of today's and tomorrow's technology.

7502 FAMILY & CONSUMER SCIENCES I5 credits

Family and Consumer Science I is designed as a general introductory course involving sewing and project construction, nutrition, recipe planning, preparation, and service, etiquette, consumer economics, parenting, family

relations and home management. It is an elective full-year course open to 9th graders.

Focus areas include:

1. Project construction using a sewing machine and serger
2. Nutrition studies and analysis of personal eating habits.
3. Food preparation (planning preparing, serving)
4. Parenting and family relations
5. Personal development
6. Home management

PHYSICAL EDUCATION

All students are required to participate in Physical Education for the entire school year. Students may only be excused from participation in these classes by a physician's request. Students not physically participating will be required to complete alternative written assignments.

- 8101 PHYS ED/HEALTH 9.....5 credits**
- 8201 PHYS ED/HEALTH 10.....5 credits**
- 8301 PHYS ED/HEALTH 11.....5 credits**
- 8401 PHYS ED/HEALTH 12.....5 credits**

Both present and future physical and recreational needs of students are met through:

1. Participation in a wide variety of physical activities that will lead to the development of coordination, strength, skills and endurance.
2. Participation in a variety of physical activities having continuing lifetime values.
3. Experiences designed to develop knowledge, understanding and attitudes which result in desirable practices necessary to maintain physical, social, emotional, and mental health.

Evaluation will be based on participation, skill testing and/or written test.

1. To develop personal fitness and to emphasize its value in the efficient performance of everyday activity.
2. To encourage an appreciation of recreational activities that will carry over value for leisure time.
3. To provide principals of good sportsmanship which build and develop desirable modes of behavior and character.
4. To encourage desirable health habits.
5. To aid in the psychological development of the student by providing social achievement.
6. To develop a sense of pride and self-respect through physical development and achievement.

HEALTH

All students receive one marking period in Health Education each year. The unit includes Basic Life Skills, Driver Education, Personal Health and Adult Living. Any pupil whose parent or guardian presents a signed statement that any part of the instruction is in conflict with his/hers conscience or sincerely held moral or religious beliefs shall be excused from that portion of the instruction. Any student

excused for moral or religious belief will be asked to complete a supplemental activity or assignment.

FAMILY LIFE -GRADE 9

This course consists of an overview of Drug Use and Abuse, Death and dying and managing stress and emotions. The textbook "Perspectives on Health" is used to assist the instructor in presenting the information. Evaluation will be based on notebook, test/quiz, class participation, and homework/projects..

Minimal proficiencies which students must master to receive credit for this course are:

1. Develop thinking skills for problems that can occur in a family and to be able to deal with these problems.
2. Develop awareness of the available community services.
3. Develop and understanding of how heredity and environment effect growth and development.
4. Develop skills in interpreting emotions connected with the death of a loved one.
5. Develop an understanding of the decisions which have to be made when a death occurs.
6. Develop awareness of the physiological and psychological effects of drugs, tobacco and alcohol.

SCIENCE

GRADUATION REQUIREMENTS

Three Years

TYPICAL SEQUENCES

Year	Course
9	Survey of Science I / CP Biology/ H-Biology
10	Survey of Science II/CP Chemistry/ Honors Chemistry
11	Survey of Science III/ CP Physics or Honors Physics/Elective
12	Adv. Biology, Environmental, AP Biology, AP Chemistry

4105 SURVEY OF SCIENCE I5 credits

Survey of Science I is the first of the three-year sequence designed to meet the Core Curriculum Standards. It is intended for students who are currently enrolled in either Algebra-Geometry I or HSPA Prep 9. This course covers basic biological and earth science principals using hands on activities, real world applications, and technology where possible. Concepts presented in this course include plant and animal cell structure and function, mitosis and meiosis, photosynthesis respiration, digestion, and reproduction, an introduction to earth science, meteorology and space science is also included.

4101 C.P. BIOLOGY7.5 credits

C.P. Biology is designed to provide a basic background in biology, develop analytical skills, encourage a scientific view point and is a prerequisite for students taking other courses such as chemistry, advanced biology, and physics. Great emphases is put on students responsibility and

work ethic in providing a foundation for these higher level science courses.

An experimental research project according to teacher's specification is due in early February.

4100 HONORS BIOLOGY.....7.5 credits

Honors Biology is designed to provide a basic background in biology, develop analytical skills, encourage a scientific view point, prepare students for additional courses such as Honors Chemistry, Honors Physics, Advanced Biology, AP Chemistry and AP Biology and increase the effectiveness of students for the rigors of college and as future citizens. Honors biology students will cover a number of topics more rapidly than in C.P. biology and other topics will be explored in greater detail.

An experimental research project according to teacher's specification is due in early February.

A summer reading and writing assignment is required.

SPECIAL EDUCATION

The Special Education program is designed to meet the instructional needs of students who demand a more individualized academic program. Based on performance and achievement levels, and following comprehensive testing, students who qualify are assigned to this curriculum by the district's Child Study Team. This program contains all subjects required for graduation and includes the courses outlined below.

ICS (In-Class Support) English, Math, History, and Science

In-Class Support (ICS) is a team approach to instruction in the core content areas. Each instructional team consists of a regular education and special education staff member. The intent of ICS is to ensure to the maximum extent appropriate that students with disabilities are educated with non-disabled pupils. This is an indicated condition of Least Restrictive Environment (LRE) as outlined by state code (6A:14,4-2). Identified students are assigned to these classes through the IEP process. All classified students are responsible for completing the assignments and activities as stated in each individual course syllabus. These courses are geared for those classified individuals who do not require small group instruction. Presently, the following ICS classes are being offered:

- General English I, II, III, and IV
- HSPA Math I, II, and III
- General U.S. History I and II
- Survey of Science I, II, and III

0918/0919/1920/1921/ 0922 Academically Self-Contained (ASC) English, History, Math, Science, and Career Education/Transitions.....5 credits

The ASC program is designed for classified students in grades 9-12 who are in need of intensive instruction in the core areas

of basic English, History, Math, Science, and Career Education.

0101 ENGLISH 1.....5 credits

The focus of the English curriculum is on reading (including sight vocabulary, analysis skills, comprehension, study skills, and literary elements), writing, and spoken language as applicable to personal and career development. A variety of instructional strategies is employed, including class and small group activities as well as individual instruction. An emphasis on HSPA requirements is also a cogent part of this curriculum. Where applicable, independent study assignments may be given. Four years of English are required for graduation.

0130 English-Wilson Reading.....5 credits

The Wilson Reading System systematically teaches students how to decode and encode the English language. It is based on the multisensory language techniques of the Orton-Gillingham approach to reading instruction. The course is designed for classified students in grades 9-12 who experience reading/writing difficulties.

0301/0302/0303 HSPA 1, 2, and 3.....5 credits

The math instruction in these courses reflects the curriculum as taught throughout the Middle Township School District. Basic instruction in whole number, fractions, decimals, and percent equivalent operations is employed. Instruction in measurement, pre-algebra, and basic geometric operations is also provided. Each of these three math courses is designed to prepare the student for taking the state-mandated HSPA assessment instrument in the eleventh grade. Also underlining this content is an emphasis toward practical application of these math concepts and functions. Three years of math instruction are required for graduation.

0221 U.S. HISTORY I.....5 credits

U.S. History I is a full-year course required of students who are enrolled in the special education program. Successful completion of this course fulfills a designated five (5) credit component of the social studies/history curriculum and is required for graduation from Middle Township High School.

The instruction in this course focuses on the historical and political development of the United States from the pre-colonial era through the Civil War and Reconstruction.

0410 SCIENCE. I5 credits

Life Science is a full-year course required of students who are in the special education program and do not choose the half-day vocational school option. Successful completion of this course fulfills a designated five (5) credit component of the science curriculum and is required for graduation from Middle Township High School.

This course includes instruction in the various disciplines of life science, the living environment, animal kingdom behavior, the need for food, the reproduction processes, our environment, and careers in related fields

relative to life science. Students will be responsible for completion of all assigned tasks, projects, and tests commensurate with each student's abilities and skill levels.

PHYSICAL EDUCATION.....5 credits

All classified students in grades 9, 10, 11, and 12 are required to participate in Physical Education. Students may only be excused from participation in these classes by a physician's request. Students not physically participating will be required to complete alternative written assignments as determined by the instructor. In addition all students will receive 2 weeks of instruction in Drug and Alcohol Education.

Both present and future physical and recreational needs of students are met through:

1. Participation in a wide variety of physical activities that will lead to the development of coordination, strength, skills and endurance.
2. Participation in a variety of physical activities having continuing lifetime values.
3. Experiences designed to develop knowledge, understanding and attitudes which result in desirable practices necessary to maintain physical, social, emotional, and mental health.

Evaluation will be based on participation, skill testing, and written tests. Additional information regarding the Physical Education course requirements can be found in the section of this booklet entitled "Physical Education."

0809 CHALLENGE HEALTH 9..... 5 credits

As part of the Physical Education program, each student also receives one marking period of Health instruction per year. The Challenge Health program is designed for classified students participating in the special education program who benefit from small group instruction. The curriculum of each course parallels the content being offered in the regular education Health courses. Additional information regarding the Health courses can be found in the next section of this booklet.

HEALTH

All students receive one marking period in Health Education each year. This course is divided into 4 units – Family Life, Driver, Education, Personal Health and Adult Living. Any pupil whose parent or guardian presents a signed statement that any part of the instruction is in conflict with his/hers conscience or sincerely held moral or religious beliefs shall be excused from that portion of the instruction. An alternative assignment will be determined by the department supervisor in conjunction with the student.

FAMILY LIFE-GRADE 9

This course consists of an in-depth look at Drug Use and Abuse, Death and dying, Cardio-pulmonary

Resuscitation, and Family Living (Dating, Pregnancy, Birth control, and STDs). The essential material and culminating facts to understand the basic anatomy and physiology of the human body are reviewed in order to have the student develop a mature outlook. The textbook "Teen Healthy" is used to assist the instructor in presenting the information. Evaluation will be based on notebook, test/quiz, class participation, homework/projects, and final exam.

Minimal proficiencies which students must master to receive credit for this course are:

1. Develop thinking skills for problems that can occur in a family and to be able to deal with these problems.
2. Develop awareness of STD's including AIDS in today's society and be able to avoid them.
3. Develop awareness of the available community services.
4. Develop and understanding of how heredity and environment effect growth and development.
5. Develop skills in interpreting emotions connected with the death of a loved one.
6. Develop an understanding of the decisions which have to be made when a death occurs.
7. Develop awareness of the physiological and psychological effects of drugs, tobacco, and alcohol.
8. Develop skills in administering Cardio-Pulmonary Resuscitation.
9. Develop an understanding of Positive Mental Health.