

HONESDALE HIGH SCHOOL

Curriculum Guide



2020 - 2021

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WAYNE HIGHLANDS SCHOOL DISTRICT NONDISCRIMINATION POLICY

To comply with Federal Laws (including Title IX of the Education Amendments of 1972) and Section 504 of the Rehabilitation Act of 1973 and the Amendments of 1974, State Laws, the State Department of Education regulations concerning equal rights and opportunities and to assure their implementation, the Wayne Highlands School District declares itself to be an equal opportunity education institution and will not discriminate on the basis of race, color, national origin, sex, handicap or limited English proficiency in its activities, programs or employment practices.

For information regarding civil rights or grievances procedures, and handicapped access to facilities, contact Timothy M. Morgan, Title IX Coordinator, at 474 Grove Street, Honesdale, PA 18431, Telephone (570) 253-4661. It is the director's responsibility to make certain that all educational programs and activities and all employment procedures are free from discrimination on the basis of these conditions stated in the policy.

TITLE IX POLICY STATEMENT

The Wayne Highlands School District has created policies that prohibit discrimination on the basis of sex in both education and employment. Board Policy and Administrative Practices and Procedures prohibit sex bias in such educational areas as treatment of students, instruction, counseling practices, financial assistance, awards, physical education, interscholastic and intramural athletics, and disciplinary procedures. Board Policy and Administrative Practices and Procedures prohibit sex bias in such employment areas as applications, recruitment, hiring, upgrading and promotion, rates of pay, fringe benefits, job assignments and classification, leaves of absence, training and all other terms, conditions or privileges of employment.

For information regarding civil rights or grievance procedures contact Timothy M. Morgan, Title IX Coordinator, 474 Grove Street, Honesdale, PA 18431, (570) 253-4661. It is the coordinator's responsibility to make certain that all education programs and activities and all employment procedures are free from discrimination on the basis of these conditions stated in the policy.

VOCATIONAL EDUCATION

Honesdale High School participates in the Carl D. Perkins Vocational Education Act of 1984. Under this act the high school receives funding for equipment in approved programs of study and the tech prep program for special remedial instruction for certain students who have difficulty with math and reading skills. More detailed information concerning these opportunities and enrollment requirements have been explained to your student and if there are any questions please call your student's guidance counselor.

**WAYNE HIGHLANDS SCHOOL DISTRICT GRIEVANCE PROCEDURE FOR
VOCATIONAL EDUCATION (TITLE VI)**

Any student, or any individual or group acting in behalf of a student may file any grievance with the Vocational (Title VI) Coordinator. A grievance means a complaint alleging any policy, procedure or practice which would be prohibited by the Carl D. Perkins Vocational Act.

For information regarding grievance procedures contact Timothy M. Morgan, Title VI Coordinator, at 474 Grove Street, Honesdale, PA 18431, Telephone (570) 253-4661.

2020 – 2021 SCHOOL YEAR

To Honesdale High School Students and Parents/Guardians:

This Curriculum Guide has been prepared to help you understand our programs of study at Honesdale High School and to assist you in planning your choice of subjects for the next school year. Planning your course of study is more than just planning for the next school year; it is more about planning for your future. Our goal is to assist you in every possible way in preparing you for whatever post-secondary endeavor you choose.

To assist with this goal we have implemented the Career Pathways Model. A Career Pathway is a broad grouping of careers that share similar characteristics and have common employment requirements. A chosen pathway focuses a student's course selections toward preparing for specific career goals. Students are encouraged to focus on a career area that matches their interests and talents. This will help create career awareness and encourage planning for post-secondary education and opportunities. When scheduling, a student should compare his/her course selections to the intended pathway to help determine whether course choices meet post-secondary goals.

Career exploration begins in Kindergarten and continues throughout the entire high school experience. Career interest surveys are used to determine students' strength areas. Using these results students can begin to formulate realistic goals and pursue appropriate pathways that will lead them to courses that will help meet those goals. It is important to recognize that post-secondary opportunities may be presented with different requirements. Examples may include: On-the-job-training, Community College or Business/Trade School, Four (4) year College or University, military, or the workforce. Parents, counselors and teachers can all assist in helping

students make choices.

Certain subjects are required by the Pennsylvania Department of Education for graduation. Elective subjects should be selected on the basis of all that has been described above.

Remember, recommendation for whatever post-secondary endeavor you choose depends upon the following criteria:

- Quality of scholastic work.
- Proper selection of high school subjects successfully passed.
- Intellectual, emotional, and social maturity of the student.
- Desirable school citizenship during the student's high school years.

Honesdale High School Principal

PLANNING YOUR HIGH SCHOOL PATHWAY

The program of studies or pathway that you plan for yourself will help you to enjoy a successful and beneficial high school career. It will determine how well you are prepared for post-secondary school or for obtaining and holding a job. Your program of study or pathway will contribute to your day-by-day personal growth and happiness. Here are the steps you should follow in planning your high school program.

1. Establish personal goals. Even though they may be revised, you should have made some specific educational, occupational, and personal objectives toward which you are working.
2. Realistically evaluate your personal strengths, interests, aptitudes and needs.
3. Learn the requirements for entrance to the college or school you plan to attend, or the kind of work you plan to do after graduation. Utilize the Internet.
4. During the eleventh grade, try to visit the colleges, schools, or places of employment in which you are interested.
5. Consult your parents, talk with your teachers, and confer with your guidance counselor to get the benefit of their experiences and the information they can make available to you.
6. Select the subjects that you think will contribute most toward helping you achieve the goals you have established.

GUIDELINES TO SELECTION OF SUBJECTS

1. Courses that are given a weighted value for Grade Point Average (GPA) are: Honors courses, AP courses, Organic Chemistry, Physics I & II.
2. All students must schedule five (5) courses both semesters. A course must meet a minimum of five (5) times per week. Students may request additional courses. These requests will be honored based on availability.
3. Health is required in 9th and 11th grade, and Driver Education Theory is required in 10th grade.
4. Early dismissal for seniors will not be allowed earlier than the end of sixth period unless enrolled in a Work Experience Program
5. All students must schedule a minimum of 2 Arts and Humanities courses (total of 2 credits) at some point during their high school program. Students may select 2 Humanities or 2 Arts courses or 1 of each for a total of 2. All incoming freshmen must schedule 1 Arts and Humanities course.
6. Arts courses include Art electives, Technical Education electives, Family and Consumer Science electives, and Music electives.
7. Humanities courses include any English and Social Studies courses, and all World Language electives.
8. **Computer Acceptable Use Policy:** All students are required to sign the Acceptable Use Policy (AUP). If a student does not sign the AUP, he or she will not be allowed to use a computer at school. If a student is taking a class which requires computer use and does not sign the AUP agreement, the student must drop the class and replace it with another one.

9. Please choose courses and electives carefully. Selections are intended to be final, and changes should not be made after June 30th.

GRADUATION REQUIREMENTS

1. Course Completion: In order to graduate, all students must successfully complete the following:
 - 4 Courses in English
 - 4 Courses in Social Studies
 - 3 Courses in Mathematics
 - 3 Courses in Science (Including Biology)
 - 4 Courses in Physical Education (8 Semesters)
 - 2 Courses in Health
 - 1 Course in Driver Education
 - Electives to meet graduation requirements: (2 of which must be in Arts & Humanities)
2. All students must meet the following requirements in order to be promoted:

to become a sophomore	-	4 Credits
to become a junior	-	9 Credits
to become a senior *	-	15 Credits
to graduate	-	21 Credits

* A student may be placed in a senior homeroom if he/she has scheduled the proper subjects to be eligible for graduation at the end of that current year.
3. In order to graduate from high school, a student shall complete a graduation project under the guidance and direction of high school faculty. Compliance procedures have been developed by the high school administration and are posted on the HHS website.
4. **Independent Study:** Students may elect to complete two (2) of the above courses by way of independent study under the following conditions:
 - Students may complete only one per major subject area.
 - Students must apply for the independent study option by May 1st of the preceding school year. Application must include parent permission.
 - Final approval of application is at the discretion of the high school principal.
 - Any cost associated with an Independent Study Course is the responsibility of the student.
5. Other education experiences will be considered.

It is the intent of options (4) and (5) that students not shorten their school day or school year. Rather by selecting these options, students will have more time in school to pursue other courses of interest or time to complete their work under these two (2) optional selections.

COLLEGE PREPARATORY SUBJECTS

While fulfilling graduation requirements, students who are planning to attend a college or university should attempt to schedule as many of these courses as they can successfully complete. Colleges typically recognize a grade of C or better.

CP English III and IV
AP Literature & Composition

AP Statistics
AP Biology

AP Language & Composition
AP Government & Politics - U.S.
AP U.S. History 11 & 12
Algebra II & III
College Research and Writing
Psychology
Pre-Calculus
AP Calculus
Statistics

Inorganic Chemistry
Organic Chemistry
Physics I & II
Advanced Biology
World Language
AP Spanish
Anatomy & Physiology II
Honors courses

DUAL ENROLLMENT

Dual enrollment has been offered in the past for juniors and seniors in the top 50% of their class (GPA of 3.0 or above) who demonstrate readiness for college-level coursework. Dual enrollment is the opportunity to earn college credit while still completing high school requirements at a dramatically reduced tuition rate. Dual enrollment is an option not a requirement. Honesdale High School partners with Lackawanna College, Keystone College, and Johnson College in this endeavor; therefore, the dual enrollment agreement must be in place annually for the program to continue. We anticipate the dual enrollment course offerings to be as follows:

Psychology, AP Statistics, Statistics, Algebra III, AP Calculus, Accounting II, AP Biology, AP English Literature & Composition, AP English Language and Composition, Spanish III, Advanced Spanish III, Spanish IV, Introduction to Agriculture, Drafting III, Metal Tech II, Precision Machining and Advanced Welding, English for the Trades

HONESDALE HIGH SCHOOL **SMALL LEARNING COMMUNITIES**

Honesdale High School has restructured the curriculum to reflect a "small learning communities" approach.

9th grade students are supported in curriculum decision-making and transition to high school by involvement in the "Freshman Academy." The Freshman Academy is a transitional support network for students moving from grade 8 to grade 9. It includes Guidance classes, Mentor Groups, SAP activities, and academic support which enhance the Freshman Academy experience.

Upper classmen are also encouraged to follow a pathway in the small learning community of their chosen interest area.

The ultimate goal of this restructuring is to help monitor each student's progress closely and to assist in post-secondary preparation. Students are encouraged to meet with their counselor regularly to determine their best course/preparation selections.

PATHWAY OPTIONS



ARTS AND HUMANITIES

Designed to cultivate students' awareness, interpretation, application and production of visual, verbal and written work.

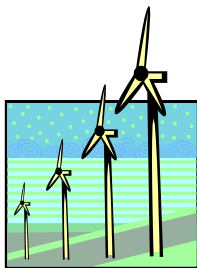
Focus Areas:
Performing Arts
Visual Arts
Publishing Arts



BUSINESS AND INFORMATION TECHNOLOGY

Designed to prepare students for careers in the business management, finance and information services covering aspects of managing and processing digital information.

Focus Areas:
Business Management
Marketing and Sales
Finance
Information Technology



ENGINEERING AND INDUSTRIAL TECHNOLOGY

Designed to cultivate students' interests, awareness and application to areas related to technologies necessary to design, develop, install or maintain physical systems.

Focus Areas:

Construction and Architecture

Manufacturing

Engineering and Engineering Technology

Transportation, Distribution and Logistics



HUMAN SERVICES

Designed to cultivate students' interests, skills and experience for employment in careers related to family and human needs.

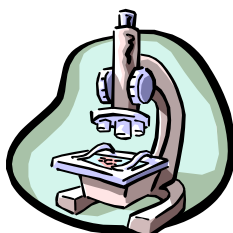
Focus Areas:

Counseling and Personal Care

Hospitality and Tourism

Education

Law, Public Safety and Government



SCIENCE AND HEALTH

Designed to cultivate students' interests in life, physical and behavioral sciences. In addition, the planning, managing and providing of therapeutic services, diagnostic services, health information, biochemistry and research development.

Focus Areas:

Health Science

Agriculture, Food and Natural Resources

The following pages list Pathways, sample careers and recommended courses of study. The courses are only recommendations, NOT requirements. Refer to the graduation requirements on page 6 for mandatory course completion listings.

Arts and Humanities

This Pathway is designed to develop students' awareness, interpretation, application and production of visual, verbal and written work.

Students might select this Pathway if they:

- Are interested in art, music, writing, acting, film, performing, multi-media
- Are creative and enjoy entertaining others
- Are good communicators
- Like to work with others

Focus Area:

- Performing Arts
- Visual Arts
- Publishing Arts

Sample Careers:

Entry Level	Technical/Skilled	Professional
Sound Technician Radio Operator Dancer Newsroom Worker Photographer Floral Designer Circulation	Choreographer Desktop Publisher Recording Engineer Computer Graphic Artist Artist Musician Broadcast Technician	Art or Music Teacher Music Director Art Director Telecommunications Interior Designer Multi-Media Artist Writer/Editor

Business and Information Technology

This Pathway is designed to prepare students for careers in the areas of business management, finance and information services covering aspects of managing and processing digital information.

Students might select this Pathway if they:

- Are interested in a business environment, management, advertising
- Like buying and selling merchandise
- Are interested in accounting
- Are good at working independently, showing initiative, solving problems
- Like working with computers and other technology

Focus Area:

- Business Management
- Finance
- Marketing and Sales
- Information Technology

Sample Careers:

Entry Level	Technical/Skilled	Professional
Bookkeeper Computer Operator File or Payroll Clerk Administrative Assistant Telemarketer Advertising Sales Agent	Claims Adjuster Software Engineer Sales Representative Computer Support Specialist Real Estate Agent Desktop Publisher	Certified Accountant Financial Manager Securities Sales Rep. Systems Software Engineer Systems Analyst Management Analyst

Engineering and Industrial Technology

This Pathway is designed to develop students' interests, awareness and application to areas related

to technologies necessary to design, develop, install or maintain physical systems.

Students might select this Pathway if they:

- Enjoy building, construction, design and architecture
- Enjoy math and science and apply them to the real world
- Are interested in tools, equipment and materials
- Can solve problems of a complex nature
- Enjoy designing/working with projects

Focus Area:

- Construction and Architecture
- Manufacturing
- Engineering and Engineering Technology
- Transportation, Distribution and Logistics

Sample Careers:

Entry Level	Technical/Skilled	Professional
HVAC Roofer Machine Mechanic Surveyor Machine/Equipment Operator Machinist Plumber Carpenter	Truck Driver CAD/CAM Technician Electrical Technician Diesel Mechanic Production Worker Welder Auto Mechanic/Repair Grader/Dozer Operator	Nuclear Engineer Architect Industrial Engineer Mechanical Engineer Construction Manager Civil Engineer Cost Estimator NASA Scientist

Human Services

This Pathway is designed to develop students' interests, skills and experience for employment in careers related to family and human needs. Careers in this Pathway are linked to family, consumer, economic, political, and social systems.

Students might select this Pathway if they:

- Are interested in caring for people of all ages
- Like serving others' needs
- Are interested in teaching or counseling
- Can use interpersonal skills
- Enjoy communication services
- Searching for answers to human problems

Focus Area:

- Education
- Counseling, Personal Care
- Law, Public Safety and Government
- Hospitality and Tourism

Sample Careers:

Entry Level	Technical/ Skilled	Professional
Utility Worker Teacher's Assistant Home Care Aide Child Care Worker Postal Services Worker Armed Services Career Travel Agent Cosmetics Representative	Teacher's Aide Cosmetologist Massage Therapist Fire Fighter Postmaster Chef Crime Lab Technician Fashion Designer	Teacher/Principal Lawyer Mental Health Counselor Workforce Director Hotel/Motel Management Criminologist Marriage/Family Therapist FBI Agent

Science and Health

This Pathway is designed to develop students' interests in life, physical and behavioral sciences. In addition, it involves the planning, managing and providing of therapeutic services, diagnostic services, health information, biochemistry and research and development.

Students might select this Pathway if they:

- Are interested in the health care environment
- Are interested in medical research
- Are interested in environment and conservation
- Are interested in science and medicine
- Can apply scientific theory to real-life problems
- Can collect and analyze data from experiments
- Can work with science and math theories
- Enjoy diagnosing and caring for sick animals/people
- Enjoy working on scientific research

Focus Area:

- Health Science
- Agriculture, Food and Natural Resources
- Science, Technology and Math

Sample Careers:

Entry Level	Technical/Skilled	Professional
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Hospital Worker Home Health Aide Nurse's Aide Pharmacy Technician Wildlife Reserve Worker Animal Caretaker Food Conservation Extension Service Worker Optician	Dental Hygienist Medical Lab Technician Radiological Technician Veterinary Technician Nanotechnician Fish and Game Worker Forest Conservation Licensed Practical Nurse Respiratory Therapist	Physician Assistant Environmental Scientist Veterinarian Chemist Athletic Trainer Pharmacist Marine Biologist Physical Therapist Physician
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Arts And Humanities Course of Study

9th	10th	11th	12th
English I	English II	English III /AP	English IV / AP
Alg / Geom / Alg II	Alg / Geom / Alg II	Alg / Geom / Alg II	Alg / Geom / Alg II
		Pre-Calc / Stats /AP Stats	Pre-Calc /Stats /AP Stats
			AP Calculus
Biology	A&P I	A&P I/ A&P II	A&P I/ A&P II
	Biodiversity/Earth & Space	Biodiversity/Earth & Space	Biodiversity/Earth & Space
	Inorgan Chem	Inorgan Chem/Organic Chem	Inorgan Chem/Organic Chem
		Physics I	Physics I/II
World Hist & Geog	Civics & Government	U.S History & Geography	Econ & Contemp Issues
P.E. / Health/Guidance	P.E. / Driver Ed.	P.E. / Health	P.E.

Electives

9th	10th	11th	12th
World Language	World Language	World Language	World Language
	Studio Art	Studio Art	Studio Art / Sr. Port
	Pottery	Pottery	Pottery/ Sr. Port
		Wheel Throwing	Wheel Throwing
Basic Photography	Basic Photo/Adv Photo	Basic Photo/Adv Photo	Bas Photo/Adv Photo/Sr. Port
	Beginning Game Design	Beginning Game Design	Beginning Game Design
Foundations in Art	Foundations in Art	Foundations in Art	Foundations in Art
	Computer Graphics	Computer Graphics	Computer Graphics
Band/Chorus	Band/Chorus	Band/Chorus	Band/Chorus
Musical Theatre	Musical Theatre	Musical Theatre	Musical Theatre
Guitar Ensemble	Guitar Ensemble	Guitar Ensemble	Guitar Ensemble
Classical Piano	Classical Piano	Classical Piano	Classical Piano
Music Theory	Music Theory	Music Theory	Music Theory
Creative Writing	Creative Writing	Creative Writing	Creative Writing
	Art Exploration	Art Exploration	Art Exploration

		Yearbook	Yearbook
TV Prod / Digital Editing	TV Prod / Digital Editing	TV Prod / Digital Editing	TV Prod / Digital Editing
		Psychology	Psychology
Interior Design	Interior Design	Interior Design	Interior Design
Crafts	Crafts	Crafts	Crafts
	Career Preparation	Career Preparation	Career Preparation
			Diversified Occupations
			Career Based Work Expr.
			Volunteer Vocational Appr.

- These are suggested courses for this career pathway. You may also take courses in the following departments: Business Education, Tech/Engineering, Fine Arts, Music, FCS, English, Science and Social Studies electives.
- Course selection should be driven by your career choice and requirements of the post-secondary training/institution you plan on attending.

Human Services			
9th	10th	11th	12th
English I	English II	English III /AP	English IV / AP
Alg / Geom / Alg II	Alg / Geom / Alg II	Alg / Geom / Alg II	Alg / Geom / Alg II
		Pre-Calc / Stats /AP Stats	Pre-Calc / Stats /AP Stats
			AP Calculus
Biology	A&P I	A&P I/ A&P II	A&P I/ A&P II
	Biodiversity/ Earth & Space	Biodiversity/ Earth & Space	Biodiversity/ Earth & Space
	Inorgan Chem	Inorgan Chem/Organic Chem	Inorgan Chem/Organic Chem
		Physics I	Physics I/II
World Hist & Geog	Civics & Government	U.S History & Geography	Econ & Contemp Issues
P.E. / Health/Guidance	P.E. / Driver Ed.	P.E. / Health	P.E.
Electives			
9th	10th	11th	12th
	Health Occupations	Health Occupations	Health Occupations
		Psychology	Psychology
	Career Preparation	Career Preparation	Career Preparation
			Diversified Occupations
Childcare & Develop	Childcare & Develop	Childcare & Develop	Childcare & Develop
			Volunteer Vocational Appr.
			Diversified Occupations
			Career-Based Work Exp.

- These are suggested courses for this career pathway. You may also take courses in the following departments: Business Education, Tech/Engineering, Fine Arts, Music, FCS, English, Science, World Languages and Social Studies electives.
- Course selection should be driven by your career choice and requirements of the post-secondary training/institution you plan on attending.

Engineering and Industrial Technology			
9th	10th	11th	12th
English I	English II	English III /AP	English IV / AP
			English for the Trades
Alg / Geom / Alg II	Alg / Geom / Alg II	Alg / Geom / Alg II	Alg / Geom / Alg II
		Pre-Calc / Stats /AP Stats	Pre-Calc / Stats /AP Stats
			AP Calculus
Biology	A&P I	A&P I/ A&P II	A&P I/ A&P II
	Biodiversity/Earth & Space	Biodiversity/Earth & Space	Biodiversity/Earth & Space
	Inorgan Chem	Inorgan Chem/Organic Chem	Inorgan Chem/Organic Chem
		Physics I	Physics I/II
			Adv Bio/AP Bio
World Hist & Geog	Civics & Government	U.S History & Geography	Econ & Contemp Issues
P.E. / Health/Guidance	P.E. / Driver Ed.	P.E. / Health	P.E.

Electives			
9th	10th	11th	12th
TV Prod / Digital Editing	TV Prod / Digital Editing	TV Prod / Digital Editing	TV Prod / Digital Editing
Drafting I	Drafting I/II	Drafting I/II/III	Drafting I/II/III
		Accel. Draft w/ Intro to Eng.	Accel. Draft w/ Intro to Eng.
Power Tech I	Power Tech I	Power Tech I/II	Power Tech I/II
Metal Tech I	Metal Tech I/II	Metal Tech I/II	Metal Tech I/II
		Precision Machining & Advanced Welding	Precision Machining & Advanced Welding
Wood Tech I	Wood Tech I/II (Res Constr)	Wood Tech I/II (Res Constr)	Wood Tech I/II
		Wood Tech III (Res Constr)	Wood Tech III (Res Constr)
	Career Preparation	Career Preparation	Career Preparation
			Volunteer Vocational Appr.
			Career-Based Work Exp.

- These are suggested courses for this career pathway. You may also take courses in the following departments: Business Education, Tech/Engineering, Fine Arts, Music, FCS, English, Science, World Languages and Social Studies electives.

- Course selection should be driven by your career choice and requirements of the post-secondary training/institution you plan on attending.

Business and Information Technology			
9th	10th	11th	12th
English I	English II	English III /AP	English IV / AP
Alg / Geom / Alg II	Alg / Geom / Alg II	Alg / Geom / Alg II	Alg / Geom / Alg II
		Pre-Calc / Stats /AP Stats	Pre-Calc / Stats /AP Stats
			AP Calculus
Biology	A&P I	A&P I/ A&P II	A&P I/ A&P II
	Biodiversity/Earth & Space	Biodiversity/Earth & Space	Biodiversity/Earth & Space
	Inorgan Chem	Inorgan Chem/Organic Chem	Inorgan Chem/Organic Chem
		Physics I	Physics I/II
			Adv Bio/AP Bio
World Hist & Geog	Civics & Government	U.S History & Geography	Econ & Contemp Issues
P.E. / Health/Guidance	P.E. / Driver Ed.	P.E. / Health	P.E.

Electives			
9th	10th	11th	12th
	Computer Essentials	Computer Essentials	Computer Essentials
	Career Preparation	Career Preparation	Career Preparation
	Business Principles And Management	Business Principles And Management	Business Principles And Management
	Accounting I	Accounting I/II	Accounting I/II
	Money Management & Personal Finance	Money Management & Personal Finance	Money Management & Personal Finance
Personal Keyboarding	Personal Keyboarding	Personal Keyboarding	Personal Keyboarding
	Keyboarding	Keyboarding	Keyboarding
	Introduction to Computer Programming	Introduction to Computer Programming	Introduction to Computer Programming
	Business Law	Business Law	Business Law
	Microsoft Certified App Specialist - WORD	Microsoft Certified App Specialist - WORD	Microsoft Certified App Specialist - WORD
			Volunteer Vocational Appr.
			Career-Based Work Exp.
			Diversified Occupations

- These are suggested courses for this career pathway. You may also take courses in the following departments: Business Education, Tech/Engineering, Fine Arts, Music, FCS, English, Science, World Languages and Social Studies electives.
- Course selection should be driven by your career choice and requirements of the post-secondary training/institution you plan on attending.

Science and Health			
9th	10th	11th	12th
English I	English II	English III /AP	English IV / AP
Alg / Geom / Alg II	Alg / Geom / Alg II	Alg / Geom / Alg II	Alg / Geom / Alg II
		Pre-Calc / Stats /AP Stats	Pre-Calc / Stats /AP Stats
			AP Calculus
Biology	A&P I	A&P I/ A&P II	A&P I/ A&P II
	Biodiversity/Earth & Space	Biodiversity/Earth & Space	Biodiversity/Earth & Space
	Inorgan Chem	Inorgan Chem/Organic Chem	Inorgan Chem/Organic Chem
		Physics I	Physics I/II
			Adv Bio/AP Bio
World Hist & Geog	Civics & Government	U.S History & Geography	Econ & Contemporary Issues
P.E. / Health/Guidance	P.E. / Driver Ed.	P.E. / Health	P.E.

Electives			
9th	10th	11th	12th
	Health Occupations	Health Occupations	Health Occupations
		Psychology	Psychology
Intro to Agriculture	Intro to Agriculture	Intro to Agriculture	Intro to Agriculture
Forestry /Natural Res	Forestry /Natural Res	Forestry /Natural Res	Forestry /Natural Res
Food Processing	Food Processing	Food Processing	Food Processing
	Animal Science	Animal Science	Animal Science
Horticulture/Plant Sci	Horticulture/Plant Sci	Horticulture/Plant Sci	Horticulture/Plant Sci
	Animal Care & Mngt	Animal Care & Mngt	Animal Care & Mngt
	Ag Mech, Eng & Tech	Ag Mech, Eng & Tech	Ag Mech, Eng & Tech
Super Ag Experience	Super Ag Experience	Super Ag Experience	Super Ag Experience
	Career Preparation	Career Preparation	Career Preparation
			Diversified Occupations
			Career-Based Work Exp.
			Volunteer Vocational Appr.

- These are suggested courses for this career pathway. You may also take courses in the following departments: Business Education, Tech/Engineering, Fine Arts, Music, FCS, English, Science, World Languages and Social Studies electives.

- Course selection should be driven by your career choice and requirements of the post-secondary training/institution you plan on attending.

CAREER AND TECHNICAL EDUCATION PROGRAMS

The Wayne Highlands School District has four approved Programs of Study with the PA Department of Education offered at Honesdale High School: Carpentry/Carpenter; Health Professions and Related Clinical Sciences; Agriculture, General; and Job Seeking/Changing Skills. It is funded in part through the Carl D. Perkins grant and is completely free to any interested student. Honesdale High School offers multi-year programs. A four-year program is available to students starting in their freshman year; a three-year program, beginning sophomore year; and a one-year program is available in the senior year only. These programs will provide marketable skills in areas of interest to students who plan to enter the workforce upon graduation. Similarly, these programs will prepare students who plan to pursue a degree in a related area of study. If students are able to take 50% or more of the necessary coursework in the program, they are eligible to take the National Occupational Competency Testing Institute Exam (NOCTI) and have the potential to receive college credits in related courses at schools throughout the state. In addition, students will have the opportunity to receive a PA Skills Certificate.

Courses needed to complete the various programs are as follows:

Courses with an asterisk (*) are highly recommended for achieving success on the NOCTI Exam.

Carpentry/Carpenter (46.0201)

3-year program – 1080 hours (Please see Technology & Engineering Education Courses for complete course descriptions.)

- Wood Tech I (138) *
- Wood Tech II/Residential Construction (280) *
- Wood Tech III/Residential Construction (340) *
- Drafting I (138)
- Drafting II (138)

Health Professions and Related Clinical Sciences (51.9999)

3-year program – 1080 hours (Please see Science Courses for complete course descriptions.)

- Health Occupations I (280) *
- Health Occupations II (280) *
- Health Occupations III (280) *
- NATCEP Training or Internship/Volunteerism (240)

Agriculture, General (1.0000)

4-year program – 1320 hours (Please see Science Courses for complete course descriptions.)

- Introduction to Agriculture, Food and Natural Resources (138) *
- Agriculture Mechanics, Engineering & Technology (69) *
- Horticulture & Plant Science (288)
- Food Processing (69)
- Forestry & Natural Resources (69)
- Animal Science (138)
- Animal Care & Management (69)

- *SAE 9 (69); SAE 10 (137); SAE 11 (137); SAE 12 (137)*

Job Seeking/Changing Skills (32.0105)

1-year program – 12th grade only - 720 hours (Please see Business Education Courses for complete course descriptions.

- Diversified Occupations (138)
- Career-Based Work Experience (582)

ENGLISH COURSES

- 100** - ENGLISH I
Meets 5 Times/Week - 1 Credit - Grade 9

English I is a combination of literature, grammar, vocabulary, and writing. The literature consists primarily of an introduction to each of the following genres: short stories, poetry, drama, nonfiction, and the novel. Grammar includes a review of the parts of speech and the study of complete sentences, agreement, usage, and conventions. Vocabulary is taught formally as well as in the context of the literature. Writing instruction emphasizes the thesis statement for, and further development of, competent essay writing. Students are required to write pieces over the course of the year in the expository, argumentative, research, and narrative modes.

- 101** - HONORS ENGLISH I (Weighted Course)
Meets 5 Times/Week - 1 Credit - Grade 9
By recommendation process

- 102** - PRACTICAL ENGLISH I
Meets 5 Times/Week - 1 Credit - Grade 9
By recommendation process

Practical English I is a combination of literature, grammar, vocabulary, and writing. The literature consists primarily of an introduction to each of the following genres: short stories, poetry, drama, nonfiction, and the novel. Grammar includes a review of the parts of speech and the study of complete sentences and conventions. Vocabulary is taught in the context of the literature. Writing instruction emphasizes the thesis statement and introduction and the development of the five-paragraph essay. Students are required to write pieces over the course of the year in the expository, persuasive (argument), and narrative modes. This class provides extra focus on individual student needs.

- 103** - ENGLISH II
Meets 5 Times/Week - 1 Credit - Grade 10

English II comprises a survey of American Literature, with attention to the genres of nonfiction, short story, poetry, the novel, and drama. Grammar instruction emphasizes agreement, verb tense, modifiers, parallel structure, and conventions. Vocabulary is taught formally as well as in the context of the literature. The writing program begun in ninth grade continues, with focus this year on argument, expository, and research writing. Students will be required to take the state mandated Literature Keystone exam near the completion of the course.

- 104** - HONORS ENGLISH II (Weighted Course)
Meets 5 Times/Week - 1 Credit - Grade 10
By recommendation process

- 105** - PRACTICAL ENGLISH II
Meets 5 Times/Week - 1 Credit - Grade 10
By recommendation process

Practical English II comprises a survey of American Literature, with attention to the genres of nonfiction, short story, poetry, the novel, and drama. Grammar instruction emphasizes agreement and conventions. Vocabulary is taught formally as well as in the context of the literature. The writing program begun in ninth grade continues, with focus this year on argument and expository writing. This class provides extra focus on individual student needs. Students will be required to take the state mandated Literature Keystone exam near the completion of the course.

- 106** - ENGLISH III
Meets 5 Times/Week - 1 Credit - Grade 11

English III is designed as a survey of world literature, both classic and contemporary. The course is taught with emphasis upon novels, short stories, poetry, and nonfiction with each theme. Grammar instruction occurs in context with literature and writing, with agreement, voice, complex sentence structures, and conventions being emphasized. Vocabulary is taught formally as well as in the context of the literature. The English III writing program includes formal essays in argument (problem-solution and research), expository (cause and effect), and narrative modes.

- 112** - CP ENGLISH III
Meets 5 Times/Week - 1 Credit - Grade 11

English III – CP is designed as an accelerated version of English III class and comprises a survey of world literature titles and authors, both classic and contemporary. The course is taught with emphasis upon novels, short stories, poetry, and nonfiction with each theme. Grammar instruction occurs in context with literature and writing, with agreement, voice, complex sentence structures, and conventions being emphasized. Vocabulary is taught formally as well as in the context of the literature. The English III writing program includes formal essays in argument (problem-solution and research), expository (cause and effect), and narrative modes.

- 107** - AP ENGLISH LANGUAGE AND COMPOSITION (Weighted Course)
Meets 5 Times/Week - 1 Credit - Grades 11, 12
By recommendation process

The AP English Language and Composition course aligns to an introductory, college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students will be required to complete summer reading and writing assignments prior to entering the course at the beginning of the school year. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in nonfiction texts, including graphic images as forms of texts, from many disciplines and historical periods. Students may elect to take the AP English Language and Composition exam in May.

- 108** - PRACTICAL ENGLISH III
Meets 5 Times/Week - 1 Credit - Grade 11
By recommendation process

Practical English III is designed as a survey of world literature, both classic and contemporary. The course emphasizes the novel, short stories, poetry, and nonfiction. Vocabulary and grammar are taught in context with literature and writing, with conventions being emphasized. The Practical English

III writing program includes: formal essays in argument, expository, and narrative. This class provides extra focus on individual student needs.

- 109** - ENGLISH IV
Meets 5 Times/Week - 1 Credit - Grade 12

English IV is designed to prepare students to succeed at the collegiate level, in vocational/technical training, or in the workforce. This course is a survey of British Literature from pre-medieval times through the 20th century. Students continue to develop their facility with both grammar and vocabulary. The writing program continues in English IV, with attention given to the college application essay, the research paper, and analytical essays.

- 113** - CP ENGLISH IV
Meets 5 Times/Week - 1 Credit - Grade 12

CP English IV is designed to prepare students to succeed at the collegiate level. This course is a survey of British Literature from pre-medieval times through the 20th century. Students continue to develop their facility with both grammar and vocabulary. The writing program continues in English IV-CP, with attention given to the college application essay, the research paper, and analytical essays.

- 110** - AP ENGLISH LITERATURE AND COMPOSITION (Weighted Course)
Meets 5 Times/Week - 1 Credit - Grade 12
By recommendation process

AP English Literature and Composition includes an in-depth study of major British and American authors in a seminar-like discussion format. Selected books outside the traditional British survey may also be studied. Additionally, the class works throughout the year in the Norton Anthology of Short Fiction. One research paper is required in addition to regular essays, book reports and a reading journal. Students may elect to take the AP English exam in May.

- 111** - PRACTICAL ENGLISH IV
Meets 5 Times/Week - 1 Credit - Grade 12
By recommendation process

Practical English IV is designed to prepare students to succeed in postsecondary training, or in the workforce. This course is a survey of British Literature from pre-medieval times through the 20th century. Students continue to develop their facility with both grammar and vocabulary. The writing program continues in Practical English IV, with attention given to the college application essay, the research paper, and argument. This class provides extra focus on individual student needs.

- 114** - ENGLISH FOR THE TRADES
Meets 5 Times/Week - 1 Credit - Grade 12
By recommendation process

This course, designed for students seeking employment in the trades, fulfills the requirements of twelfth grade English. This course will focus on skills that can be utilized in the workforce, career training programs, and technical schools. Students will prepare for post-secondary education by sharpening their writing skills, expanding their employment vocabulary, and reading real-world

applications. Students must be recommended by their English teachers and their technical education teachers. This course may be approved for dual enrollment credit.

ENGLISH ELECTIVES

- 119** - CREATIVE WRITING
Meets 5 Times/Week - 1 Credit - Grades 9, 10, 11, 12
Prerequisite - Successful completion of Regular or Honors English

Creative Writing is a one year course that introduces students to the art of writing fiction, creative nonfiction, poetry, plays, and hybrid works. Students learn how to apply the major elements of each genre to their own creative writing. In addition, students will learn to write for publication through successfully submitting to the school's quarterly literary arts journal. Each student is required to produce a writer's portfolio containing finalized drafts of creative works written throughout the course.

- 120** - ADVANCED CREATIVE WRITING
Meets 5 Times/Week - 1 Credit - Grades 10, 11, 12
Prerequisite - At least a B in Creative Writing and by recommendation process

Advanced Creative Writing is a one year course that both hones the skills developed in Creative Writing and significantly develops the student writer's portfolio of work. Students will produce a portfolio suitable for adjudication by university admissions programs. In addition, students will play a major role in creating the school's quarterly literary arts journal. Each student is required to produce a book-length portfolio for the course's capstone project.

Two of the following three electives may count as a full credit of senior English only if two half-credit courses are selected together for the year.

- 130** - IRISH LITERATURE
Meets 5 times/week for one semester - ½ credit - Grade 12

During this semester-long course, students will be introduced to the rich writing tradition of Ireland and the historical value of the same. Students will engage with all aspects of literature including theater, novel, poetry, and nonfiction formats. Specifically, students will read James Joyce (short stories), W.B. Yeats (poetry), Samuel Beckett (theater), Oscar Wilde (novel), and J.M. Synge (nonfiction). Upon exiting the class, students will have obtained a better understanding of the Irish tradition of writing and literature. This course is academically rigorous and is intended for students who are currently in a CP level English class, or a regular English class and who have received a recommendation from their current English teacher. This course replaces the English IV-British Literature curriculum when taken in conjunction with either Non-Western Literature or College Research and Writing, both semester-long courses.

- 131** - NON-WESTERN LITERATURE
Meets 5 times/week for one semester - ½ credit - Grade 12

During this semester-long course, students will be introduced to the rich writing tradition of a canon outside of the American and British traditions. Students will engage with novels, nonfiction, and short stories from Africa, the Middle East, India, Mexico, and the Caribbean. Specifically, students will read selections from Chinua Achebe, Tayeb Salih, Aravind Adiga, Octavio Paz, and Frantz Fanon. Upon exiting the class, students will garner a better, more cosmopolitan understanding of various cultures. This course is academically rigorous and is intended for students who are currently in a CP level English class, or a Regular English class and who have received a recommendation

from their current English teacher. This course replaces the English IV-British Literature curriculum when taken in conjunction with either Irish Literature or College Research and Writing, both semester-long courses.

- 132** - COLLEGE RESEARCH AND WRITING
Meets 3 times/week full year - .6 credit - Grade 12

During this semester-long course, students will be introduced to writing concepts they will encounter in institutions of higher education. Specifically, students will engage in the basics of advanced research methods (utilizing JSTOR and similar research databases) and varying styles, such as APA and MLA, for research papers; navigating proper research methods. Students will be able to focus their research area on choices desirable and relevant to their intended field(s) of study. This course is academically rigorous and is intended for students who are currently in a CP level English class, or a Regular English class and who have received a recommendation from their current English teacher. This course replaces the English IV-British Literature curriculum when taken in conjunction with either Irish Literature or Non-Western Literature, both semester-long courses.

- 133** - ADVANCED CREATIVE WRITING: GENRE STUDIES
Meets 5 Times/Week – 1 Credit – Grades 11,12
Prerequisite – At least a B in Advanced Creative Writing and by recommendation process

Advanced Creative Writing: Genre Studies is a one-year course that requires the student to focus on one major genre of creative writing throughout the year. Students will select an appropriate mentor figure whose works will act as exempla within the selected genre. Students will be expected to write a significant scholarly essay which considers the works of the selected mentor figure. Students enrolled in this course must submit work to both the National Young Arts Foundation's annual competition and the Scholastic Art and Writing Awards. Students are expected to demonstrate significant depth of understanding of one genre in a book-length collection of finished work in that genre.

- 134** - ADVANCED CREATIVE WRITING: PORTFOLIO DEVELOPMENT
Meets 5 Times/Week – 1 Credit – Grade 12
Prerequisite – At least a B in Advanced Creative Writing and by recommendation process

Advanced Creative Writing: Portfolio Development is a one-year course that is only available to graduating seniors. The student must develop a portfolio suitable for adjudication not only by top university admissions programs, but this portfolio must also conceivably be able to receive a national gold medal from the Scholastic Art and Writing Awards. Students enrolled in this course must submit work to both the National Young Arts Foundation's annual competition and the Scholastic Art and Writing Awards. Students are expected to demonstrate significant depth of understanding or writing as a craft in a book-length portfolio.

MATHEMATICS COURSES

- 214** - INTRODUCTION TO ALGEBRA
Meets 5 Times/Week - 1 Credit - Grades 9, 10, 11
By recommendation process

This course would include the following topics: distributive property, combining like terms, solving, graphing, and writing linear equations and inequalities, and an introduction to systems of linear equations and inequalities. (Graphing Calculators are required.)

- 200** - ALGEBRA I (Traditional)
Meets 5 Times/Week - 1 Credit - Grades 10, 11
Prerequisite - Successful completion of Introduction to Algebra

This course will include the following: the review of topics covered in Introduction to Algebra, systems of linear equations, and inequalities, exponents, quadratic equations, factoring of polynomials, rational expressions, measures of central tendency, probability and radicals which include connections to geometry.

Students will be required to take the state mandated Algebra Keystone exam near the completion of the course. (Graphing Calculators are required.)

- 201** - ALGEBRA I (UCSMP)
Meets 5 Times/Week - 1 Credit - Grades 9, 10, 11, 12

This course consists of elementary algebra topics, such as the language of algebra, operations with signed numbers, elementary equations, inequalities, polynomials, quadratics, algebraic fractions, graphing, systems of equations and irrational numbers. Students will be required to take the state mandated Algebra Keystone exam near the completion of the course. (Graphing Calculators are required.)

- 205** - GEOMETRY (Traditional)
Meets 5 Times/Week - 1 Credit - Grades 10, 11, 12
By recommendation process

By blending the expository and discovery methods, this course enables students to obtain a

comprehensive outlook in plane and solid geometry. It develops in the student the ability to reason deductively, visualize relationships in space, and appreciate the analytical approach.

- 203** - GEOMETRY (UCSMP)
Meets 5 Times/Week - 1 Credit - Grades 9, 10, 11, 12
Prerequisite - Successful completion of Algebra I

By blending of the expository and discovery methods, this course enables students to obtain a comprehensive outlook in plane and solid geometry. It develops in the student the ability to reason deductively, visualize relationships in space, and appreciate the analytical approach.

- 204** - HONORS GEOMETRY (UCSMP) (Weighted Course)
Meets 5 Times/Week - 1 Credit - Grades 9, 10
By recommendation process

This course covers all topics in regular geometry but moves at an accelerated pace. More emphasis is placed on deductive proofs and challenge problems.

- 206** - ALGEBRA II (Traditional)
Meets 5 Times/Week - 1 Credit - Grades 9, 10, 11, 12
By recommendation process

This course reviews and deepens the understanding of the system of real and complex numbers. It guides the student into acquiring skills with radical, quadratics, systems of equations, exponents, logarithmic functions, coordinate geometry and conic sections. It develops a student's ability to apply concepts and skills in the discovery of new relationships. (Graphing Calculators are required.)

- 207** - ALGEBRA II (UCSMP)
Meets 5 Times/Week - 1 Credit - Grades 10, 11, 12
Prerequisite - Successful completion of Geometry

This course reviews and deepens the understanding of the system of real and complex numbers. It guides the student into acquiring skills with radicals, quadratics, systems of equations, exponents, logarithmic functions, coordinate geometry and conic sections. It develops a student's ability to apply concepts and skills in the discovery of new relationships. (Graphing Calculators are required.)

- 208** - HONORS ALGEBRA II (Weighted Course)
Meets 5 Times/Week - 1 Credit - Grades 10, 11, 12
By recommendation process
(Graphing Calculators are required.)

- 209** - ALGEBRA III
Meets 5 Times/Week - 1 Credit - Grades 11, 12
Prerequisite - Geometry and Algebra II

This is a course designed for college bound students who are not pursuing a mathematical or science career. The subject material will reinforce all algebra and geometry skills. This course will be a good preparation for a college math course or any placement exams. Algebra III is designed to strengthen math skills prior to Functions and Trigonometry. (Graphing Calculators are required.)

- 209DE** - ALGEBRA III DE

Meets 5 Times/Week - 1 Credit - Grades 11, 12
Prerequisite - Geometry UCSMP, Algebra II UCSMP, teacher recommendation,
and minimum GPA of 3.0.

This class will be an accelerated version of Algebra III. Students in this class will have the opportunity to apply for dual enrollment credits through Lackawanna College. This is a course designed for college bound students who are not pursuing a mathematical or science career. The subject material will reinforce all algebra and geometry skills. This course will be a good preparation for a college math course or any placement exams. Algebra III is designed to strengthen math skills prior to Functions and Trigonometry. (Graphing Calculators are required.)

- 210** - PRE-CALCULUS
Meets 5 Times/Week - 1 Credit - Grades 11, 12
Prerequisite - At least a C in Algebra II UCSMP

This course offers pre-calculus topics such as polynomial, exponential, and logarithmic functions, sequences, and series probability and a comprehensive coverage of trigonometry. At the conclusion of this course, the student will have the foundation to enter into a standard curriculum of calculus. (Graphing Calculators are required.)

- 211** - HONORS PRE-CALCULUS (Weighted Course)
Meets 5 Times/Week - 1 Credit - Grades 11, 12
By recommendation process

This course offers pre-calculus topics such as polynomial, exponential, and logarithmic functions, sequences, and series probability and a comprehensive coverage of trigonometry. At the conclusion of this course, the student will have the foundation to enter into a standard curriculum of calculus. (Graphing Calculators are required.)

- 216** - STATISTICS
Meets 5 Times/Week - 1 Credit - Grades 11, 12
Prerequisite - Completion of Algebra II UCSMP and Geometry UCSMP
(Graphing Calculators are required.)

Statistics is a course in statistics to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes:

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

- 215** - AP STATISTICS (Weighted Course)
Meets 5 Times/Week - 1 Credit - Grades 11, 12
Prerequisite - Completion of Algebra II UCSMP and Geometry UCSMP (Teacher Recommendation)
(Graphing Calculators are required.)

AP Statistics is a course in statistics to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. The course is conducted with the goal of taking the AP examination at the end of the school year. Students are exposed to four broad conceptual themes:

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

213 - AP CALCULUS A/B (Weighted Course)
 Meets 5 Times/Week - 1 Credit - Grade 12
 Prerequisite - B- in Pre-Calculus (Honors) or by recommendation process

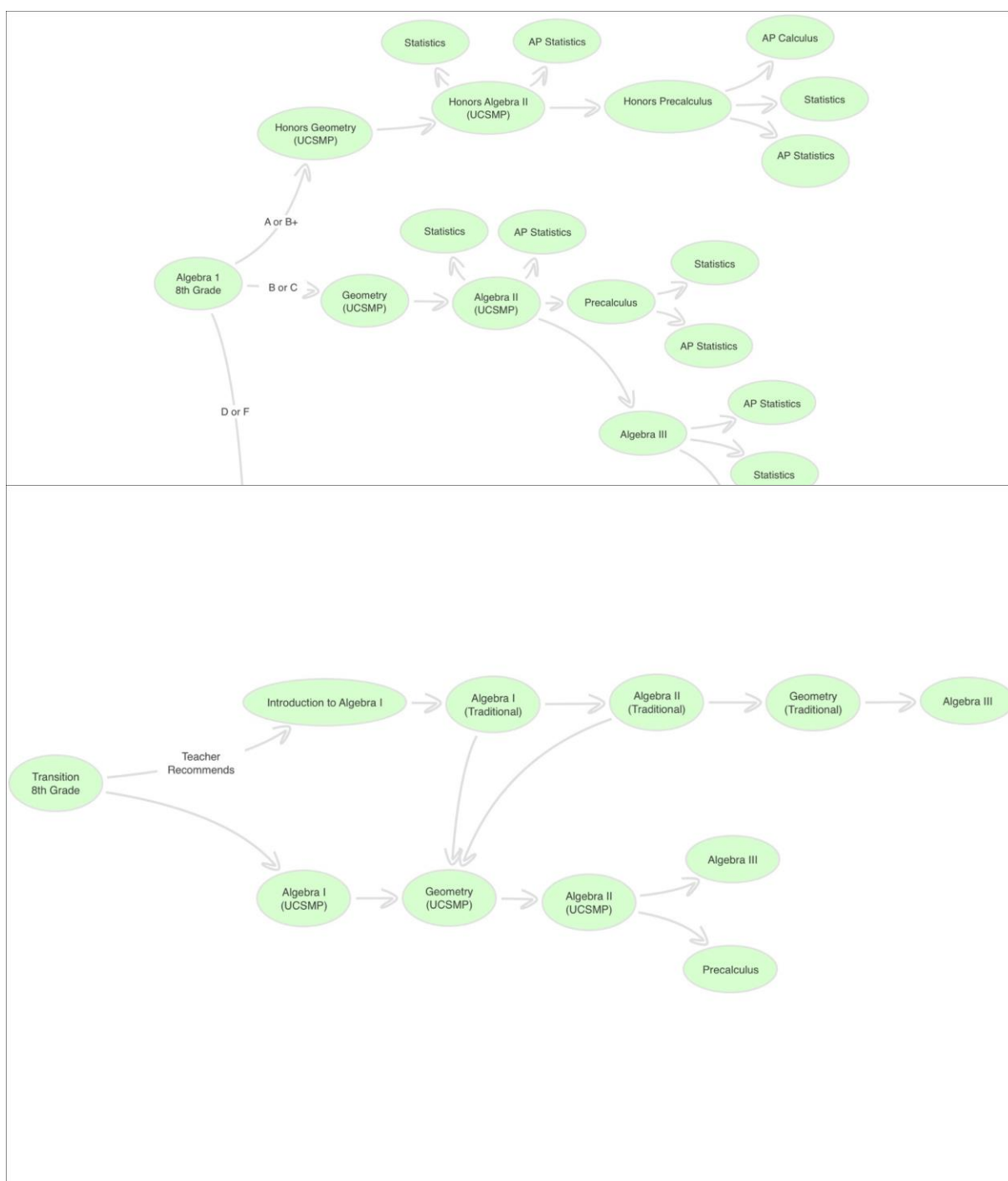
AP Calculus is intended for students who have a thorough knowledge of college preparatory mathematics, including trigonometry and analytic geometry. The course is conducted with the goal of taking the AP examination at the end of the school year. (Graphing Calculators are required.)

* **GRAPHING CALCULATOR** - The types recommended by the Math Department are the **TI-83, TI-83 Plus, TI-84 Plus**. A calculator costs approximately \$95.00.

* **UCSMP - University of Chicago School Mathematics Project**

Math remedial services will be available to help struggling students on an individual basis.

The following diagrams show the math course progression, which is based on teacher recommendation.



- 506** - MONEY MANAGEMENT AND PERSONAL FINANCE
Meets 5 Times/Week - 1 Credit - Grades 10, 11, 12
No Prerequisite
Class may be taken concurrently with a 10th or 11th grade math course, or as a 12th grade math class.

What would you do with \$100,000.00? How would you invest in the Stock Market? Do you know how to handle your money? Wish you had more financial literacy? In "Money Management & Personal Finance" students will be exposed to both the mathematics and business perspectives necessary to maximize your financial well-being. Topics will include: credit cards; student, home, and auto loans; taxes; insurance; investments and much more. This class may be counted as a math credit in addition to the three math courses required for graduation.

SCIENCE COURSES

- 300** - BIOLOGY (Lab Science)
Meets 5 Times/Week - 1 Credit - Grade 9

This course introduces students to biological concepts with an opportunity for student-laboratory activities. The course emphasizes the study of the following topics: Basic Biological Principles, Biochemistry, Energy Transfer in Living Things, Homeostasis and Cell Transport, Cell Growth and Reproduction, Genetics, and the Theory of Evolution and Ecology. Students will be required to take the state mandated Biology Keystone exam near the completion of the course.

- 301** - HONORS BIOLOGY (Lab Science) (Weighted Course)
Meets 6 Times/Week - 1.2 Credits - Grade 9
By recommendation process

This is a laboratory-oriented course which will study such topics as the microscope, the cell, reproduction, heredity, respiration, genetic engineering, evolution, and ecology. Students will be encouraged to investigate classroom subject material in a structured laboratory setting as well as independent research projects on a topic of interest to the student. Students will be required to take the state mandated Biology Keystone exam near the completion of the course.

- 302** - PRACTICAL BIOLOGY (Lab Science)
Meets 5 Times/Week - 1 Credit - Grade 9
By recommendation process

This is a concept-oriented course in which students will learn about Basic Biological Principles, Biochemistry, Energy Transfer in Living Things, Homeostasis and Cell Transport, Cell Growth and Reproduction, Genetics, and the Theory of Evolution and Ecology. Opportunities will exist for hands-on exercises and teacher-student guided practice to enable the student to become familiar with the fundamental study of living things. Students will be required to take the state mandated Biology Keystone exam near the completion of the course.

- 316** - BIOLOGY KEYSTONE REVIEW
Meets 5 Times/Week - .5 Credit - Grades 10, 11
Prerequisite - By recommendation process pending Keystone Exam Results

This is a semester Biology remediation course for students who do not score Advanced or Proficient on the Biology Keystone Exam. Students enrolled in this course will retake the Biology Keystone Exam at the culmination of the course.

- 303** - BIODIVERSITY
Meets 5 Times/Week - 1 Credit - Grades 10, 11, 12
Prerequisite – Successful completion of Biology

This course focuses on the environment and ecology of Pennsylvania. Focus of the course is on ecosystems, threatened and endangered species, pest management, natural resources and waste management, agriculture, environmental health (including water, air and soil pollution), watersheds and wetlands, sustainability and environmental law.

- 317** - PRACTICAL BIODIVERSITY
Meets 5 Times/Week - 1 Credit - Grades 10, 11, 12
Prerequisite – Successful completion of Practical Biology

This course focuses on the environment and ecology of Pennsylvania. Focus of the course is on ecosystems, threatened and endangered species, pest management, natural resources and waste management, agriculture, environmental health (including water, air and soil pollution), watersheds and wetlands, sustainability and environmental law. Opportunities will exist for hands-on exercises and teacher-student guided practice to enable the student to become familiar with our environment and ecology.

- 304** - EARTH & SPACE SCIENCE
Meets 5 Times/Week - 1 Credit - Grades 10, 11, 12
Prerequisite – Successful completion of Biology

This course deals with the composition, structure and origin of the universe and solar system along with supporting astronomical data. Additional topics include map reading, Earth chemistry, mineralogy and petrology as they relate to the Earth and Earth processes. Students will also study Earth sculpturing forces such as volcanism, diastrophism, glaciation, weathering, and erosion. This class will analyze human made systems and their impact on natural resources, global weather, and climate.

- 318** - PRACTICAL EARTH & SPACE SCIENCE
Meets 5 Times/Week - 1 Credit - Grades 10, 11, 12
Prerequisite – Successful completion of Practical Biology

This course deals with the composition, structure and origin of the universe and solar system along with supporting astronomical data. Additional topics include map reading, Earth chemistry, mineralogy and petrology as they relate to the Earth and Earth processes. Students will also study Earth sculpturing forces such as volcanism, diastrophism, glaciation, weathering, and erosion. This class will analyze human made systems and their impact on natural resources, global weather, and climate.

- 306** - PHYSICS I (Lab Science) (Weighted Course)
Meets 6 Times/Week - 1.2 Credits - Grades 11, 12
Prerequisite - Successful completion of Biology, Algebra I, Geometry, and Algebra II

Physics I is an introduction to basic classical physics with laboratory experiences. The concept of linear and non-linear motion, forces, work and energy, momentum, and rotational motion are presented.

- 307** - PHYSICS II (Lab Science) (Weighted Course)
Meets 6 Times/Week - 1.2 Credits - Grade 12
Prerequisite - Successful completion of Physics I

This course uses an intermediate level approach to light, special relatively, general relativity, wave motion, and sound, light, color, optics, electrostatics, AC & DC circuits, and gravitation.

- 308** - INORGANIC CHEMISTRY (Lab Science)
Meets 5 Times/Week - 1 Credit - Grades 11, 12
Prerequisite - Successful completion of Biology and a B+ grade in Algebra I

This course is a study of the metric system, symbol, formula, and equation writing, laws and principles of chemistry designed to provide adequate preparation for further study of chemistry, to develop a competency in the manipulation of laboratory equipment, and to provide for a growth in the development of interests in chemistry.

- 309** - HONORS INORGANIC CHEMISTRY (Lab Science) (Weighted Course)
Meets 6 Times/Week - 1.2 Credits - Grades 10, 11, 12
Prerequisite A- in Algebra I / 92% or above in Honors Biology
By teacher recommendation only

- 310** - ORGANIC CHEMISTRY (Lab Science) (Weighted Course)
Meets 6 Times/Week - 1.2 Credits - Grades 11, 12
Prerequisite - C or higher in Inorganic Chemistry or successful completion of Honors Inorganic Chemistry

This course deals with hydrocarbon compounds that form the basis of life. Included is the I.U.P.A.C. system of nomenclature and the source, preparation, reaction and use of a variety of organic compounds including alkane, alkenes, alkynes, carbohydrates, amides, lipids, petroleum derivatives, proteins, alcohols, and heterocyclic compounds.

- 311** - ANATOMY & PHYSIOLOGY I
Meets 5 Times/Week - 1 Credit - Grades 10, 11, 12
Prerequisite - Final average of A in Practical Biology, or final average of C- or higher in regular Biology, or student must have passed Biology Keystone exam

This course will give students the opportunity to learn the detailed structures and functions of the human body. Systems and structures that will be covered will include but not limited to: tissues, special senses, integumentary, skeletal, muscular, digestive, reproductive, and cardiovascular systems.

- 319** - ANATOMY & PHYSIOLOGY II
Meets 5 Times/Week - .5 Credit - 1 Semester
Grades 11, 12
Prerequisite - Final average of B- or above in Anatomy & Physiology I

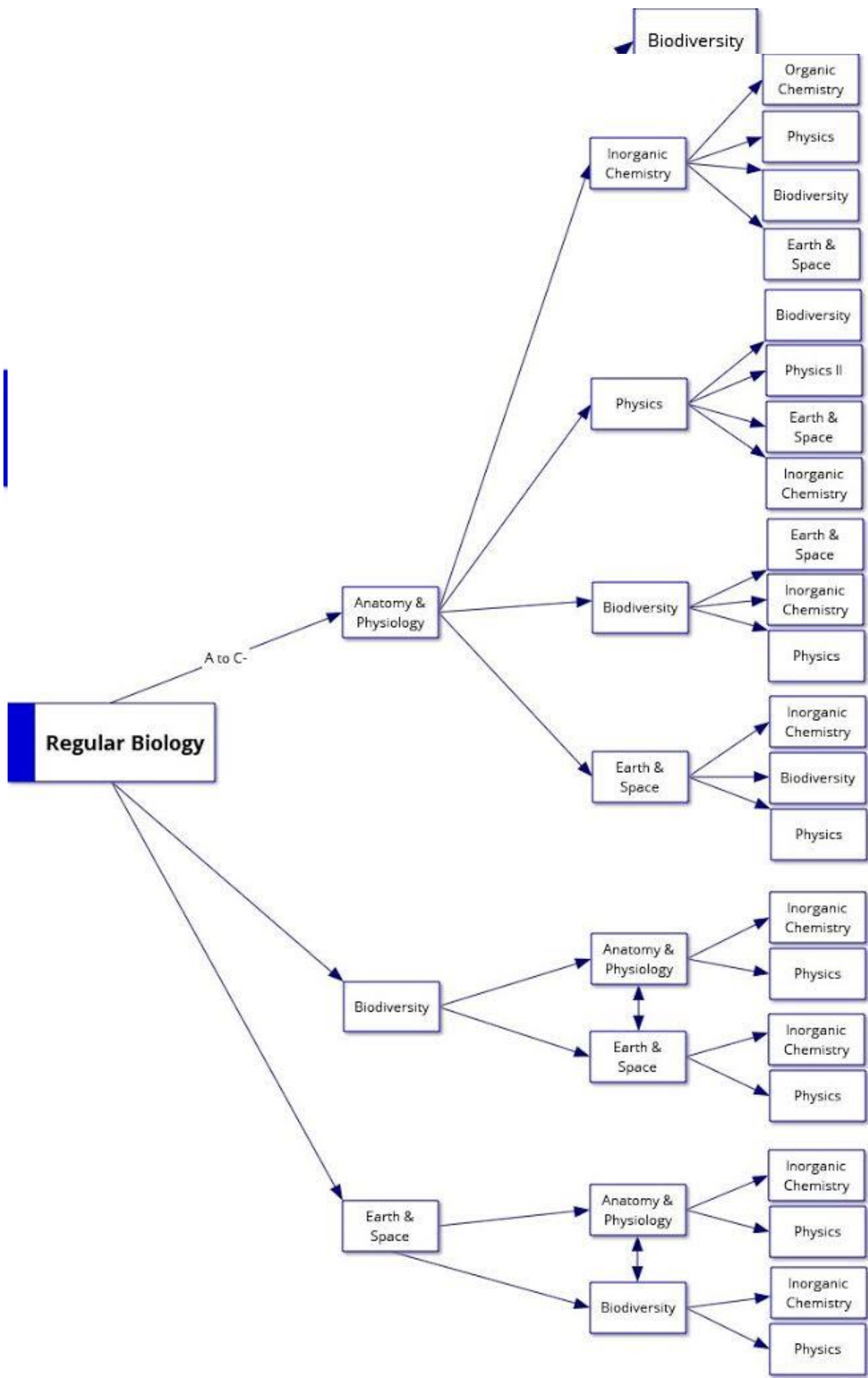
This course is an extension and basic review of Anatomy & Physiology I concepts. Concentration will be on more in depth physiological concepts of blood and cardiovascular system and in addition study the nervous, respiratory, urinary, and endocrine systems. In depth study of medical terminology will also be covered in this course. The dissection of the fetal pig with a review of various physiological and anatomical principles will be discussed.

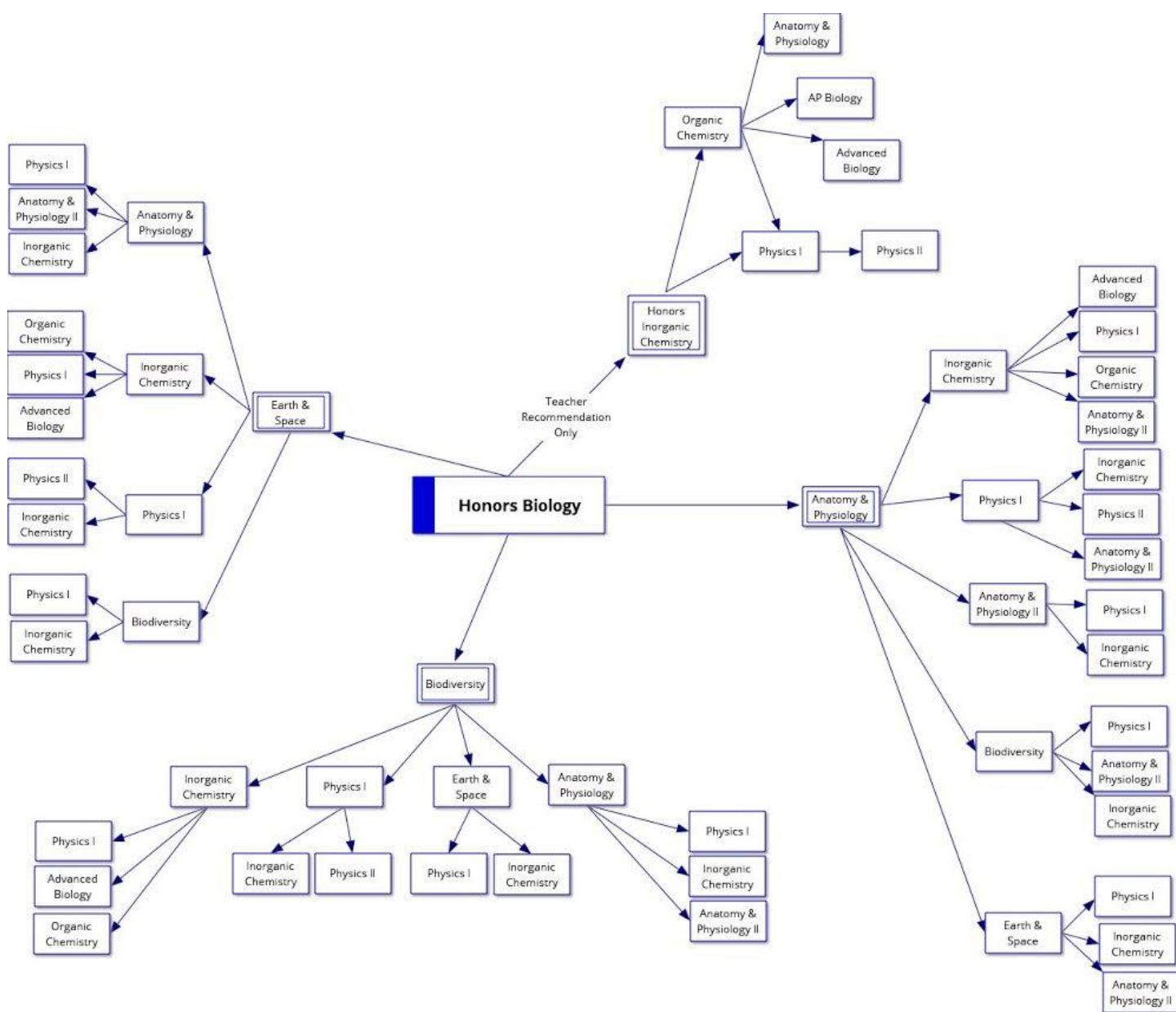
- 312** - ADVANCED BIOLOGY (Lab Science)
Meets 5 Times/Week - .5 Credit - 1 Semester
Grade 12
Prerequisite - Successful completion of Biology and Inorganic Chemistry

This semester course is recommended for college-bound science majors who will concentrate in the health-related or biological science areas. It will serve as a review of topics already covered in previous biology courses but in more detail and depth. Part of the semester will be spent on microbiology and covering topics such as: the microscope, the cell, staining and culturing procedures. Additional topics will include metabolism and genetics.

- 315** - AP BIOLOGY (Lab Science) (Weighted Course)
Meets 7 Times/Week - 1.4 Credits - Grade 12
Prerequisite - Completion or concurrent enrollment in Organic Chemistry - By teacher recommendation

This full year course is a comprehensive introductory college level course in Biology. It covers topics dealing with cell structure, organic chemistry, plant and animal structure, genetics, evolution, population studies and ecology. The students are encouraged to take the AP Biology exam near the end of the year that can be used for college Credit or placement, depending on the college of their choice. AP Biology students are not eligible for Advanced Biology (312).





HEALTH PROFESSIONS & RELATED CLINICAL SCIENCES-CIP 51.9999
HEALTH OCCUPATIONS

- 825** - HEALTH OCCUPATIONS I
Meets 10 Times/Week - 2 credits - Grades 10, 11, 12 only

This is the first in a series of three courses for the Health Professions and Related Clinical Sciences program of study. The topics covered in this course include: Introduction to Medical Terminology (as it relates to each body system); Health Care Systems; Careers in Health Care; Legal and Ethical Issues in Health Care; Communication in Health Care; Preventing Infection; Safety and Body Mechanics; Patient Positioning, Transfers and Ambulation; Human Needs and Human Development. Students are required to take their Direct Care Staff Training Certification while in this class.

- 826** - HEALTH OCCUPATIONS II
Meets 10 Times/Week - 2 credits - Grades 11, 12 only
Prerequisites - Health Occupations I and Anatomy & Physiology

This is the second in a series of three courses for the Health Professions and Related Clinical Sciences program of study. The topics covered in this course include: Taking Care of a Resident's Unit; Personal Care Skills; Nutrition and Hydration; Basic Nursing Skills; Emergency Care and Disaster Prevention; Admitting, Transfers, and Discharges; Bowel and Bladder Elimination; Review of Anatomy and Physiology, including Common Chronic and Acute Conditions of each System; Introduction to Home Care; Infection Prevention and Safety in the Home; Medication Administration in the Home; Meal Planning and Shopping; and Time Management Skills. An OSHA 10-hour certification will be available during this course. AHA Healthcare Provider CPR and Basic First Aid Certifications will also be offered during this course.

- 827** - HEALTH OCCUPATIONS III
2 credits - Grade 12 only
Prerequisites: Health Occupations I, II, and Anatomy & Physiology

This is the third in a series of three courses for the Health Professions and Related Clinical Sciences program of study. This is a 120 hour Nurse Aide Training Course which includes 40 hours of classroom time, 24 hours in the health occupations laboratory, and 56 hours of clinical time at a long-term care facility. At the completion of the 120 hour course, the students will be able to sit for their certification exam to be a nurse aide. Also included in this course will be career preparation, which will include: job search skills, interview skills, cover letter and resume skills. At the completion of this course students will be career ready to work as a nursing assistant and a home health aide.

AGRICULTURE, GENERAL TECHNICAL PREPARATION PROGRAM – CIP 1.0000

A \$7.00 one-time fee per year is required for students enrolled in Agricultural courses.

321 - INTRODUCTION TO AGRICULTURE, FOOD AND NATURAL RESOURCES

Meets 5 Times/Week - 1 credit - Grades 9, 10, 11, 12

Students are highly encouraged to take this course at the beginning of the agriculture program as a 9th grade student.

How does pizza end up on our table? How did our clothes come from plants and animals? Agriculture is everything from the food we eat to the clothes we wear! This course will be a year of discovering all things agriculture, from how our food is grown, to the steps it takes to make it to our table! This class will offer units on environment and natural resources, soil and plant science, horticulture, animal science, biotechnology, food science, leadership and agricultural business and communications and a small introduction to agricultural mechanics and safety.

340 - FORESTRY AND NATURAL RESOURCES

Meets 5 Times/Week - .5 credit - Semester Course - Grades 10, 11, 12

This course provides an introduction to forestry and natural resources. Students will be exposed to tree identification, growth, ecology and physiology. Other topics include forest management practices, healthy forests, resources management and timber cruising and wood products. Additionally students will learn about environmental factors and recreation along with safety, tools and careers in the forestry industry.

350 - FOOD PROCESSING

Meets 5 Times/Week - .5 credit - Semester Course - Grades 9, 10, 11, 12

The focus of this course will be on proper food handling and processing according to USDA standards. Topics will include food preservation, dairy product processing, meat and poultry processing (including basic butchering skills), as well as the processing of other local foods such as honey, maple syrup, and vegetables.

361 - ANIMAL SCIENCE

Meets 5 Times/Week - 1 credit - Grades 10, 11, 12
1 credit toward science graduation requirements

This course will focus on the introduction of animal science. Units include animal handling and safety, animal behavior, animal management facilities and needs, cells and tissues of animals, animal nutrition, and animal systems, reproduction, breeding and biotechnology, genetics, animal health and care along with animal products, selection of animals and marketing. This course will include dissections and labs. Successful completion of this course results in 1 credit toward science graduation requirements.

363 - HORTICULTURE & PLANT SCIENCE

Meets 5 Times/Week (2 consecutive periods per day) - 2 credits - Grades 10, 11, 12
2 credits toward science graduation requirements

This is a year-long course meeting two consecutive periods daily. This course will focus on horticultural plant growth, plant physiology, reproduction, nutrition, and marketing. Other units include greenhouse crops, hydroponics and container gardening. Hands on and research projects will be included in this course as well. Various growing methods, such as hydroponics, extended growing and growing mediums will be discussed. Agribusiness principles, greenhouse management and maintenance, and aquaculture principles will also be taught. Successful completion of this course results in 2 credits toward science graduation requirements.

365 - ANIMAL CARE AND MANAGEMENT

Meets 5 Times/Week - .5 credit - Semester Course - Grades 10, 11, 12
Prerequisite - Successful completion of Animal Science with a final grade of C+ or higher

This semester course will prepare students to enter an animal care and management field or take additional schooling in the veterinary science industry. This course will focus on caring for and handling animals including small treatments, feeding, watering, grooming, bathing and general care for pets and agricultural animals. Students will learn proper handling, small treatments and general veterinary technician procedures. This course will require keeping animal records of feedings and treatments, observing and evaluating animal behavior and general animal care facility maintenance.

366 - AGRICULTURAL MECHANICS, ENGINEERING & TECHNOLOGY

Meets 5 Times/Week - .5 credit - Semester Course – Grades 10, 11, 12

Students must have taken another agriculture course previously unless prior approval has been

given.

This course will focus on the basics of agricultural mechanics, equipment and technology. This will include small and large agricultural equipment and basic maintenance. Students will also learn the basics of precision agriculture including global positioning devices and GPS used in agriculture. Precision agriculture merges the new technologies in the information age with the agricultural industry. Other topics may include agricultural engineering and careers in agricultural mechanics and technology.

367 - SUPERVISED AGRICULTURAL EXPERIENCE - SAE 9

.5 credit - Semester Course - Grade 9

Prerequisite - Must be enrolled in an Agricultural Science class one semester of freshman year

Supervised Agricultural Experience credit is awarded to students in grade 9 who are enrolled in the Agricultural Science program. In order to be approved for credit the student must sign contracts and keep records of work completed, hours, and wages. An employment experience may include both on-farm and off-farm opportunities.

- 368** - SUPERVISED AGRICULTURAL EXPERIENCE - SAE 10, 11, 12
1 credit - Grades 10, 11, 12
Prerequisite - Must be enrolled in or have taken another Agricultural Science class

Supervised Agricultural Experience credit is awarded to students in grades 10-12 who are enrolled in the Agricultural Science program. In order to be approved for credit the student must sign contracts and keep records of work completed, hours, and wages. An employment experience may include both on-farm and off-farm opportunities.

SOCIAL STUDIES COURSES

- 406** - WORLD HISTORY AND GEOGRAPHY 9
Meets 5 Times/Week - 1 Credit - Grade 9

This required course will provide a survey of significant political, social, and economic events since the time period of the European Renaissance. The study of physical and cultural geography of areas of the world will be included, as well as basic geographic themes.

- 407** - HONORS WORLD HISTORY AND GEOGRAPHY 9 (Weighted Course)
Meets 5 Times/Week - 1 Credit - Grade 9

This course will be weighted for purposes of determination of class rank and for honor roll. The course content will be similar to WORLD HISTORY AND GEOGRAPHY 9 but will be covered in more depth, at a slightly faster pace, and with an expectation that some study will be done independently. A major research project will also be completed.

408 - PRACTICAL U.S. HISTORY AND GEOGRAPHY 9

Meets 5 Times/Week - 1 Credit - Grade 9

By recommendation process

An emphasis will be placed on developing social studies skills, including but not limited to map literacy, reading for the main idea and for supporting details, identifying cause and effect, classifying information, outlining, interpreting graphs and charts, placing events in chronological order, and inductive and deductive reasoning. The content of the course will be similar to WORLD HISTORY AND GEOGRAPHY 9, but is more cursory.

424 - CIVICS AND GOVERNMENT 10

Meets 5 Times/Week - 1 Credit - Grade 10

This course will examine the structure of the government of the United States, the relationship between the various levels of government, the role the media plays in determining public opinion and public policy, and how a citizen can participate in our political system. Study into state and local government shall also occur.

412 - AP GOVERNMENT AND POLITICS U.S. 10 (Weighted Course)

Meets 5 Times/Week - 1 Credit - Grade 10

By recommendation process

This course will be weighted for purposes of determination of class rank and for honor roll.

This course is an introductory level college course in political science, dealing with the underpinnings of the Constitution, the legislative, executive, and judicial branches of government, political behavior, political parties and pressure groups, civil liberties and civil rights, and the formation of public policy. Students are strongly encouraged to take the AP test that is used for college placement and/or Credit, depending upon the choice of college and area of collegiate study. Selection is initiated by recommendation.

425 - PRACTICAL CIVICS AND GOVERNMENT 10

Meets 5 Times/Week - 1 Credit - Grade 10

By recommendation process

An emphasis will be placed on developing social studies skills, including but not limited to map literacy, reading for the main idea and for supporting details, identifying cause and effect, classifying information, outlining, interpreting graphs and charts, placing events in chronological order, and inductive and deductive reasoning. The content of the course is similar to CIVICS AND GOVERNMENT 10, but is more cursory.

431 - U.S. HISTORY AND GEOGRAPHY 11

Meets 5 Times/Week - 1 Credit - Grade 11

The content of this course shall include historical themes and topics dating from the Mexican-American War to the present. Emphasis will be placed on political as well as social history, and patterns in historical development. Geography will be integrated throughout the course.

434 - AP UNITED STATES HISTORY 11 (Weighted Course)

Meets 5 Times/Week - 1 Credit - Grade 11

By recommendation process

This course is weighted for purposes of determining the honor roll and class rank. This course will examine United States history in the first five (5) of nine (9) chronological periods, 1491-1877, along with seven different themes and historical analysis skills. The course content is prescribed by the College Board to prepare students to take the AP United States History test in the spring of the conclusion of the second year of the course. Students are strongly encouraged to take the AP test that is used for college placement and/or Credit, depending upon the choice of college and area of collegiate study. Selection is initiated by recommendation.

- 432** - PRACTICAL U.S. HISTORY AND GEOGRAPHY 11
Meets 5 Times/Week - 1 Credit - Grade 11
By recommendation process

An emphasis will be placed on developing Social Studies skills, including but not limited to map literacy, reading for the main idea and supporting details, identifying cause and effect, placing events in chronological order, and inductive and deductive reasoning. The content of the course will be similar to U.S. HISTORY AND GEOGRAPHY 11, but a bit more cursory.

- 440** - ECONOMICS AND CONTEMPORARY ISSUES 12
Meets 5 Times/Week - 1 Credit - Grade 12

This course is designed to complete the study of recent U.S. history, and then to examine current events at the international, national, state, and local levels through the prism of World History and Geography, Civics and Government, and United States History and Geography. Connections will be made between topics under study for the past three (3) years.

Then, a largely microeconomics course will include instruction on the social science of economics, economic decision making, market structures, supply, demand, pricing, labor, taxes, government spending policies, and some macroeconomic topics, specifically aggregate demand, aggregate supply, GDP, unemployment, and trade policy.

- 441** - AP UNITED STATES HISTORY 12 (Weighted Course)
Meets 5 Times/Week - 1 Credit - Grade 12
Prerequisite - AP United States History 11
By recommendation process

This course is weighted for purposes of determining the honor roll and class rank. This course will examine United States history in the last four (4) of nine (9) chronological periods, 1865 – present, along with seven different themes and historical analysis skills. The course content is prescribed by the College Board to prepare students to take the AP United States History test in the spring of the conclusion of the second year of the course. Students are strongly encouraged to take the AP test that is used for college placement and/or Credit, depending upon the choice of college and area of collegiate study. Selection is initiated by recommendation.

- 451** - PRACTICAL ECONOMICS AND CONTEMPORARY ISSUES 12
Meets 5 Times/Week – 1 Credit – Grade 12
By recommendation process

The content of this course will be similar to Economics and Contemporary Issues 12, but a bit more cursory. This course is designed to complete the study of recent U.S. history, and then to examine current events at the international, national, state, and local news through the prism of World History and Geography, Civics and Government, and United States History and Geography. Then, a largely microeconomics course will include instruction on the social science of economics, economic decision making, market structures, supply, demand, pricing, labor, taxes, government spending policies, aggregate supply and demand, GDP, unemployment, and trade policy.

SOCIAL STUDIES ELECTIVES

THE FOLLOWING COURSES ARE SOCIAL STUDIES ELECTIVES. THEY MAY NOT SERVE AS REPLACEMENTS FOR REQUIRED SOCIAL STUDIES COURSES.

- 413** - HISTORY THROUGH FILM
Meets 5 Times/Week - .5 Credit - One Semester - Grades 11, 12
No Prerequisite

Curriculum for this course will involve the viewing and analysis of a number of films, documentaries, and mini-series which are meant to represent significant events in history. Film can be a method for the study of history, and that is the goal of this course. Students will view films and participate in related research and study that will allow them to analyze and evaluate the historical accuracy, and in some cases the inaccuracy, portrayed in film. During the course the primary focus will be on three connections between film and history: films as a reflection of the time during which the film was made, film as a philosophical or historical essay from the film maker's perspective, and film as "window on the past", a recreation of past events and the methods used to create historical films. Participating in this course will afford students a unique opportunity to use critical thinking skills to enrich their study of history. Examples of the types of films that may be covered include Gladiator, Braveheart, Saving Private Ryan, etc.

- 414** - AMERICAN LEADERSHIP
Meets 5 Times/Week - .5 Credit - One Semester - Grades 11, 12
No Prerequisite

This course will take an in-depth look at the presidents of the United States and how their leadership, policy decisions, and actions have impacted our country and the world. We will also look at state governors and local leaders and identify common traits among some of our greatest leaders.

- 415** - ECONOMIC ENTREPRENEURSHIP
Meets 5 Times/Week - .5 Credit - One Semester - Grades 11, 12
No Prerequisite

This course will take a look at entrepreneurship in the United States economic system. Students will study how to become a successful entrepreneur, create a business plan, manage business accounts, and how to organize a self-employed business.

- 416** - THE 1980's, 1990's, and 2000's
Meets 5 Times/Week - .5 Credit - One Semester - Grades 11, 12
No Prerequisite

This course will examine historical events in the United States during the 1980's, 1990's and 2000's in politics, music, film and culture. It will cover topics such as fashion trends and fads, recreation, technology, war, and other major social issues through the decades.

- 417** - ANCIENT WORLD

Meets 5 Times/Week - .5 Credit – One Semester - Grades 11, 12
No Prerequisite

This course would cover the ancient Egyptian, Greek, and Roman empires/dynasties. Egyptian old/new kingdom, ancient/golden age of Greece, Roman republic/empire and the downfalls of each. The dark ages/Viking era would also be covered to round out the course for the semester.

- 418** - PSYCHOLOGY
Meets 5 Times/Week - 1 Credit Grades 11, 12
No Prerequisite

An introduction to the fundamentals of psychology and human behavior will be presented through the study of such topics as human development, learning, and theories of personality. Students will develop a better understanding of the underlying factors of human behavior. Taken with Psychology II, several area colleges offer this course for dual enrollment.

- 438** - AMERICA'S WARS
Meets 5 Times/Week - .5 Credit - One Semester - Grades 11, 12
No Prerequisite

This course will be a study of America's wars from the Revolutionary War to War on Terrorism. Students will use books, articles, videos, and personal accounts if available as resources.

BUSINESS EDUCATION COURSES

- 500** - CAREER PREPARATION
Meets 5 Times/Week - .5 Credit - One Semester
Grades 10, 11, 12
No Prerequisite

The purpose of this course is to aid the students in becoming more employable. The students will learn to match their needs, strengths, and weaknesses with employment opportunities. Students will explore career pathways based on their strengths. They will learn how to fill out job applications, create resumes, cover letters, network, and apply for a job. Interviewing skills using video and face-to-face interviews will be incorporated in Career Prep. Each student will have their own computer to use on a daily basis to complete class assignments and use Career Cruising. Students can fulfill the requirements set forth by the H.H.S. Graduation Project while taking this class.

- 501** - ACCOUNTING I
Meets 5 Times/Week - 1 Credit
Grades 10, 11, 12
No Prerequisite

Planning on taking business classes in college? Want to run your own business, or maybe just work in a business environment? Well then, this is the right class for you! In this class students will learn how to complete the accounting cycle for a business. Areas of emphasis will include accounting terminology and accounting procedures. Learning the fundamentals of accounting is critical in being successful in business!

- 502** - ACCOUNTING II
Meets 5 Times/Week - 1 Credit
Grades 11, 12
Prerequisite – At Least a C– Final Grade in Accounting I

This is a great course for those planning on majoring in business or for those entering the workplace. It is an advanced accounting course dealing with departmental and corporate accounting. One will update accounts and adjustments such as: bad debts, depreciation, depletion, and accruals. One computerized business simulation will be completed in the second semester.

- 503** - COMPUTER ESSENTIALS
Meets 5 Times/Week - .5 Credit - Semester Course
Grades 10, 11, 12
No Prerequisite

This class is designed to give students the essential skills that will be expected for them to know as they move on to college or possibly the workplace. Microsoft Office will be the program used as the basis in this course. Word basics, such as research paper formatting, business letter formatting, and other documents will be covered. Excel basics, such as formulas, functions, and charting/graphing of data will be covered. Qualified students taking this course will have the opportunity to sit for the Microsoft Office User Specialist exams for WORD and Excel. PowerPoint basics, such as setting up a slide presentation, slide formatting, slide transitions and timing, and delivering the presentation will be covered. These are a few of the many skills in this essential half-year course.

- 504** - INTRODUCTION TO COMPUTER PROGRAMMING
Meets 5 Times/Week - .5 Credit - Semester Course
Grades 10, 11, 12
No Prerequisite

This course will be an introduction to computer programming for students who have a **real-interest** in learning programming languages and basic coding necessary to perform basic tasks in software. Students will learn to develop logic and problem solving skills when faced with a problem and also gain exposure to how programming leads to the design of software applications. This course is designed to use teacher instruction and on-line resources to facilitate learning. Only those interested and motivated to learn the basics of programming and have a good aptitude for mathematics should enroll.

- 506** - MONEY MANAGEMENT AND PERSONAL FINANCE
Meets 5 Times/Week - 1 Credit
Grades 10, 11, 12
No Prerequisite
Class may be taken concurrently with a 10th or 11th grade math course, or as a 12th grade math class.

What would you do with \$100,000.00? How would you invest in the Stock Market? Do you know how to handle your money? Wish you had more financial literacy? In "Money Management & Personal Finance" students will be exposed to both the mathematics and business perspectives necessary to maximize your financial well-being. Topics will include: credit cards; student, home, and auto loans; taxes; insurance; investments and much more. This class may be counted as a math credit in addition to the three math courses required for graduation.

- 507** - BUSINESS LAW
Meets 5 Times/Week - .5 Credit - One Semester
Grades 10, 11, 12
No Prerequisite

This course will introduce students to real world business law concepts that are present in our society today. They will explore a wide variety of legal aspects with regards to crime, personal injury, contracts and sales agreements, consumer protection, marriage and divorce, property, renting and insurance, wills and estates, and employment. Topics covered will give students insight into law and how it impacts our lives.

509 - BUSINESS PRINCIPLES AND MANAGEMENT

Meets 5 Times/Week - 1 Credit

Grades 10, 11, 12

No Prerequisite

Have an interest in business? Want to be your own boss someday? Then this is a class you need to take! It will provide students with an understanding of problems and decisions involved in successfully operating a business. Students will learn procedures and concepts that will aid them in becoming an effective member of the business community.

513 - KEYBOARDING I

Meets 5 Times/Week - 1 Credit - Grades 10, 11, 12

No Prerequisite

The ability to type with speed and accuracy is one of the most fundamental and important skills a person can possess. This skill is basic to many occupations. Not only is it important in the business world, but it is also useful as an individual skill. In this full-year course, students will learn to touch-type without looking at their fingers. Students will learn to type various letter styles, memos, tables, and reports. Spelling, punctuation, grammar, communication skills, speed, and accuracy will be emphasized. Qualified students taking this course will have the opportunity to sit for the Microsoft Office User Specialist exams for WORD. Learn a skill that will last a lifetime!

514 - KEYBOARDING II

Meets 5 Times/Week - 1 Credit - Grades 11, 12

Prerequisite - At least a final grade of C in Keyboarding I

This course concentrates on speed and accuracy by producing documents in a business setting. Students will complete various simulations throughout the course of the year. These simulations will mainly focus on Word, but will touch on Excel, Power Point, and Publisher. There will also be a simulation dedicated to alphabetic filing. There will be a Power Point presentation assigned each marking period that will require the student to present in front of the class. The course will be self-paced with deadlines, as appropriate. All of the work will be completed independently.

515 - PERSONAL KEYBOARDING

Meets 5 Times/Week - .5 Credit - Semester Course

Grades 9, 10, 11, 12

No Prerequisite

Tired of hunting and pecking when you type? Are you spending hours trying to get that paper typed for class? Well if you want to learn the correct keyboarding skills and use your time much more efficiently, Personal Keyboarding is just the class for you! This one semester course focuses on using

the standard keyboard with the correct fingers. After an introduction to all of the keys the students will also prepare letters, reports and memorandums. A must-have skill for everyone! NOTE: Course cannot be taken for credit, if a student has successfully completed Keyboarding I.

- 516** - MICROSOFT CERTIFIED APPLICATIONS SPECIALIST – WORD
Meets 5 Times/Week - .5 Credit - Semester Course
Grades 10, 11, 12
No Prerequisite - Successful completion of a keyboarding class is recommended

WORD is the most popular word processing software in the world and is used almost everywhere. Students will get an in-depth course on Microsoft Word 2016 with the culmination of the course being the Industry Certified test from Microsoft to become certified as a Specialist in the Word program. Businesses and colleges around the world recognize this certification.

WORK EXPERIENCE PROGRAMS

- 531** - DIVERSIFIED OCCUPATIONS
Scheduled periods to be determined by instructor, employer, and student
2 - 4 Credits Full year program
Grade 12 only
Prerequisite - Successful completion of all core requirements through grade 11 and recommendation of school personnel. Students must provide their own transportation.

Eligible seniors will participate in a **paid work experience program** with a local employer during regular school hours five days per week. This is an approved program through the PA Department of Education. All employers must have completed and passed background checks in order to serve as an employer to students involved in this program. Students will be required to sit for a diversified occupations class which meets five days per week. Over the course of one school year, students must accumulate 585 hours of work experience which is approximately 15-18 hours per week. Students will focus on resume writing, job search skills, and employment scenarios during the class. After completing their required senior classes, the students will be released to a job directly related to their future career goals. Upon successful completion of the Diversified Occupations program, students will be eligible for 3 English credits from Lackawanna College if they choose to pursue post-secondary education at that institution.

- 510A** - VOLUNTEER VOCATIONAL APPRENTICESHIP A
Scheduled periods to be determined by counselor, employer, and student
Meets 5 Times/Week - 1st Semester - .5 Credit for each period enrolled (up to 2 credits per semester)
Grade 12 only
Prerequisite - Successful completion of all core requirements through grade 11 and recommendation of school personnel. Students must provide their own transportation.

Eligible seniors will participate in a **volunteer vocational experience** with a local business during regular school hours five (5) days per week. Students must be learning a trade (i.e. cooking, plumbing, teaching, nursing) as an extension of the courses and classroom skills acquired at HHS. Students are expected to go directly to the place of business upon leaving school and stay until 3:00 PM or later. This is not intended for students to leave school for

their job. **This program is a non-paid, volunteer experience.**

- 510B** - VOLUNTEER VOCATIONAL APPRENTICESHIP B
Scheduled periods to be determined by counselor, employer, and student
Meets 5 Times/Week - 2nd Semester - .5 Credit for each period enrolled (up to 2 credits per semester)
Grade 12 only
Prerequisite - Successful completion of all core requirements through grade 11 and recommendation of school personnel. Students must provide their own transportation.

Eligible seniors will participate in a **volunteer vocational experience** with a local business during regular school hours five (5) days per week. Students must be learning a trade (i.e. cooking, plumbing, teaching, nursing) as an extension of the courses and classroom skills acquired at HHS. Students are expected to go directly to the place of business upon leaving school and stay until 3:00 PM or later. This is not intended for students to leave school for their job. **This program is a non-paid, volunteer experience.**

- 511A** - CAREER-BASED WORK EXPERIENCE A
Meets 5 Times/Week - 1st Semester
.5 Credit for each period enrolled - (up to 2 credits per semester)
Grade 12 only
Prerequisite - Successful completion of all core requirements through grade 11 and recommendation of school personnel. Students must provide their own transportation.

Seniors who are enrolled in a HHS Career and Technical Education program may apply to work in a career-related area at a local business. The Career and Technical Education programs are: Carpentry, Accounting, Business Administration & Management, and Health Occupations. Employers must complete and pass background checks in order to be an approved employer. Students must provide their own transportation. In addition to earning credits, the students may be paid by the employer for these work experiences. Full year, career based work experiences are required for students enrolled in the Accounting and Business Administration & Management programs.

- 511B** - CAREER-BASED WORK EXPERIENCE B
Meets 5 Times/Week - 2nd Semester
.5 Credit for each period enrolled - (up to 2 credits per semester)
Grade 12 only
Prerequisite - Successful completion of all core requirements through grade 11 and recommendation of school personnel. Students must provide their own transportation.

This course is the same as Career-Based Work Experience A. A senior may elect to take either or both of the career-based work experience courses.

WORLD LANGUAGE COURSES

- 600** - SPANISH I
Meets 5 Times/Week - 1 Credit - Grades 9, 10, 11, 12
No Prerequisite

The basic structure of Spanish I is a combination of the oral and grammatical sides of the language.

The text is designed to give the student an oral concept of a new language system backed up with adequate structural knowledge. From this, the student can form a universal concept and then apply this principle to new situations. Spanish culture, which is also considered an important part of the course, is studied in the text and reinforced by projects & visual aids.

- 601** - SPANISH II
Meets 5 Times/Week - 1 Credit - Grades 10, 11, 12
Prerequisite - At least a C- final grade in Spanish I

Spanish II is aimed at strengthening the concepts and broadening the knowledge gained in Spanish I. Students will also continue their study of Spanish speaking countries, their customs and history. Students can expect accelerated studies in vocabulary, grammar, reading and writing, with reinforcement through video and audio presentations.

- 609** - ADVANCED SPANISH II (Weighted Course)
Meets 5 Times/Week - 1 Credit - Grades 10, 11, 12
Prerequisite - Entrance exam and teacher recommendation from Spanish I

Advanced Spanish II is aimed at strengthening the concepts and broadening the knowledge gained in Spanish I where the students will be working at a more rapid pace and review work will be done independently before the school year begins. Students will be expected to be able to work independently and express themselves in the target language as much as possible. Students will be preparing for the AP Spanish Level throughout the accelerated program.

- 602** - SPANISH III
Meets 5 Times/Week - 1 Credit - Grades 11, 12
Prerequisite - At least a C- final grade in Spanish II

Spanish III will continue to sharpen listening, speaking and reading skills while developing the writing skills in guided exercises, compositions and summaries. Considerable emphasis will be placed on summarizing, the practicing of fundamentals, and the structure and expansion of vocabulary. Spanish III students will explore the language in more detail. The target language will be reinforced through visual and audio presentations. Recommended for college-bound students.

- 613** - ADVANCED SPANISH III (Weighted Course)
Meets 5 Times/Week - 1 Credit - Grades 11, 12
Prerequisite - Entrance exam and teacher recommendation from Advanced Spanish II

Advanced Spanish III is aimed at strengthening the concepts and broadening the knowledge gained in Advanced Spanish II where the students will be working at a more rapid pace and review work will be done independently before the school year begins. Students will be expected to be able to work independently and express themselves in the target language as much as possible. Students will be preparing for the AP Spanish Level throughout the accelerated program.

- 603** - SPANISH IV
Meets 5 Times/Week - 1 Credit - Grade 12
Prerequisite - At least a C- final grade in Spanish III

Spanish IV will provide greater insight into enjoyable literature as well as into the conversational aspects of the language. Greater emphasis will be placed on increasing the student's ability to converse in Spanish. The impact of Hispanic culture in the United States will be explored and discussed in greater detail. In general emphasis will be placed on Hispanic culture and history.

- 614** - AP SPANISH LANGUAGE AND CULTURE (Weighted Course)
Meets 5 Times/Week - 1 Credit - Grades 11, 12
Prerequisite - Entrance exam and teacher recommendation from Advanced Spanish III

The AP Spanish Language and Culture course emphasized communication by applying the interpersonal, interpretive, and presentational modes of communication in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish. The course engages students in and exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products, practices, and perspectives. Students will be prepared to take the AP Spanish Language and Culture exam in May.

- 615** - MEDICAL SPANISH
Meets 5 Times/Week (1 Semester) - .5 Credit – Grades 11, 12
Prerequisite – At least a C final grade in Spanish II

Medical Spanish is an intermediate-level course designed for those student wishing to continue education in a health-related field. This class will review Spanish pronunciation and grammar in the context of specialized medical professional terminology. Attention is given to written expression, conversational role-play, and issues of cultural sensitivity.

- 604** - LATIN I
Meets 5 Times/Week - 1 Credit - Grades 9, 10, 11, 12
Prerequisite - C in English

Language is a powerful and important tool which plays an essential role in every walk of life. The development and expansion of one's vocabulary and language skills is essential for academic success. With this in mind, Latin I introduces students to the study of the Latin language and Roman culture by means of a text that follows a typical Roman family through life in the Roman empire. The focus of the class is to use the Latin language as a means to improve student vocabulary, solidify the understanding of grammar, and in general, better understand how language works to convey reality.

- 605** - LATIN II
Meets 5 Times/Week - 1 Credit - Grades 10, 11, 12
Prerequisite - At least a C final grade in Latin I

Latin II continues the goals and objectives of Latin I. Students will build upon previously established understanding of vocabulary and grammar to complete the foundation of their Latin study. At the end of Latin II, students will have been introduced to all verb conjugations and tenses and noun cases. Some significant attention is paid to the English vocabulary derived from Latin roots. Students will also receive exposure to classical texts, subjects, and stories through their reading in Latin. There are ample opportunities to work on projects that more directly relate to a student's field of interest, e.g. medicine, law, history, language.

- 611** - LATIN III
Meets 5 Times/Week - 1 Credit - Grades 11, 12
Prerequisite - At least a C final grade in Latin II

In Latin III students complete their knowledge of basic Latin grammar and begin to read Latin texts from classical authors. There is a continued emphasis on the mastery of grammar and expansion of vocabulary. As students gain mastery of the subjunctive mood, some work from classical authors such as Caesar, Cicero, Horace, etc. are introduced. Along with these classical works, the discussion of the Latin/Roman history, culture and world view begins to play a larger role. As in Latin II, students will have opportunities to do projects that focus on a particular area of interest within the Latin framework, e.g. art, architecture, history, science.

- 612** - LATIN IV
Meets 5 Times/Week - 1 Credit - Grades 12
Prerequisite - At least a C final grade in Latin III

In Latin IV some significant time and attention is paid to the consolidation and mastery of Latin grammar and vocabulary building upon the work done in Latin III. However, the main focus of the class is the reading of classic works of ancient Roman authors and continuing to expand one's vocabulary

- 610** - FRENCH IV
Meets 5 Times/Week - 1 Credit - Grade 12
Prerequisite - At least a C- final grade in French III

French IV is a concentration on oral production through discussion of literature pieces, elements of art and design intertwined with the further expansion of vocabulary, grammar points and writing skills. Students will be exploring further the culture of the Francophone world, reinforced by visual and audio presentations.

TECHNOLOGY & ENGINEERING EDUCATION COURSES

- 700** - DRAFTING I
Meets 5 Times/Week - 1 Credit
Grades 9, 10, 11, 12
No Prerequisite

This is an introductory course that requires no previous background. It is designed to develop your awareness of shape and size description and techniques to express them. It provides an excellent background for anyone interested in fine arts or technology education. Students will also have an opportunity to have an introductory experience with a CAD system (Computer Aided Design). This is a prerequisite for Wood II, Metal II and Power II.

- 701** - DRAFTING II
Meets 5 Times/Week - 1 Credit
Grades 10, 11, 12
Prerequisite - At least a final grade of B- in Drafting I

This is a detailed course involving surface development and design assembly drawings, pictorial drawings, and an experience with CAD (Computer Aided Design).

- 702** - DRAFTING III
Meets 5 Times/Week - 1 Credit
Grades 11, 12
Prerequisite - At least a B+ final grade in Drafting II

This individual study in drafting is based on your interests and future plans. Perspective illustration and architectural design are the main focus of this 3rd year course. The use of model construction and computer aided design add interest and variety to this upper level course aimed at the serious drafting student. Johnson College partners with HHS in a Dual Enrollment agreement.

- 703** - ACCELERATED DRAFTING WITH INTRODUCTION TO ENGINEERING AND DESIGN
Meets 5 Times/Week - 1 Credit
Grades 11, 12
Prerequisite – Successful completion of Geometry and Algebra. This course is not recommended for students who have taken Drafting.

This course uses drafting and design with paper and pencil techniques as well as the AutoCAD system for drafting and 3D modeling. The course will also utilize a design development process combining the AutoCAD and Mastercam programs. Students will create and analyze computer models as they are designed and produced on a computer numerical controlled machine.

- 704** - POWER TECH I
Meets 5 Times/Week - 1 Credit
Grades 9, 10, 11, 12
No Prerequisite
Fee: Students may be required to replace damaged small gas engine parts (\$20.00-\$50.00).

Power Tech I is a course designed to investigate all fields of power. The history of power, steam engines, geothermal power, small engine technology, ignition systems, carburetion, and electronic circuits are among the subjects covered. Students need not have a great deal of mechanical ability in order to take this course.

- 705** - POWER TECH II
Meets 5 Times/Week - 1 Credit
Grades 11, 12 (One Section Only)
Prerequisite - At least a B+ in Power Tech I, Metal Tech I, and successful completion of Drafting I
Fee: Students may be required to replace damaged small gas engine parts (\$20.00-\$50.00).

Project work in this course will be concentrated on automotive engines. Students will learn the rebuilding process in a gas engine and trouble shooting skills. Additional material covered in this course will include small engine repair beyond basics, electrical, cooling, and lubrication systems of both gas and diesel engines. This course will also demonstrate to students basic shop equipment used in the servicing of vehicles. Because of the machining aspects in rebuilding engines, students must have above average grades in Power Tech I, metalworking and some experience in drafting and design.

- 706** - METAL TECH I
Meets 5 Times/Week - 1 Credit
Grades 9, 10, 11, 12
No Prerequisite

This is an introductory metal working course in which the student learns fundamentals of gas welding and cutting, stick electrode welding, sheet metal fabrication, and basic manual machine tool operations using the drill press, engine lathe and milling machine. Safe metal working practices as well as proper care of equipment will be stressed at all times. Students will be responsible for completing requirements in machining, welding, and sheet metal. There will be a cost incurred by the students for materials used.

- 707** - METAL TECH II
Meets 5 Times/Week - 1 Credit
Grades 10, 11, 12
Prerequisite – Final grade of B in Metal Tech I and at least a final grade of C+ in Drafting I
All fees from Course 706 must be satisfied.

This is an advanced metal working course in which the student has the opportunity to improve skills and become proficient in machining, welding and metal fabrication techniques and operations. Related information is presented to afford the student greater technological and occupational understanding. Safe operational procedures are stressed. Students will be required to complete welding requirements using gas, stick electrode, and MIG welding processes. Machining requirements also must be completed using the drill press, engine lathe, and the milling machine. Students will also be introduced to CNC machining. There will be a cost incurred by the students for materials used. Johnson College partners with HHS in a Dual Enrollment agreement.

- 708** - PRECISION MACHINING & ADVANCED WELDING
Meets 5 Times/Week - 1 Credit
Grades 11, 12
Prerequisite - At least a final Grade of B+ in Metal Tech II ~ Drafting II would also be helpful
All fees from Course 707 must be satisfied.

This is an advanced metal fabrication course in which the student will deal closer with industry. Students will learn how to follow standard industrial blueprints. Machining requirements will follow the National Institution for Metal Working Skills (NIMS) standards. Welding requirements will follow the American Welding Society (AWS) standards. Welding requirements will be completed using the gas,

stick electrode, MIG and TIG welding processes. Machining requirements will be completed using advanced manual as well as CNC machining. Occupational research into welding and machining will be studied. There will be a cost incurred by the students for materials used. Johnson College partners with HHS in a Dual Enrollment agreement.

- 709** - WOOD TECH I
Meets 5 Times/Week - 1 Credit
Grades 9, 10, 11, 12
No Prerequisite

Learn the basic skills of furniture construction while learning the safe operation of woodworking machines. Students will learn characteristics of many different types of woods and their applications. Many hand and machining techniques will be covered during the class. CAD/CAM (Computer Aided Drafting/Computer Aided Machining) software and how it's used with CNC (Computer Numeric Control) machining will be introduced. Projects will be taken home when completed. There will be a fee for materials used. This fee depends on the projects built.

- 710** - WOOD TECH II / RESIDENTIAL CONSTRUCTION
Meets 5 Times/Week - Double Block - 2 Credits Grades 10, 11, 12
Prerequisite - Wood Tech I and Drafting I with at least a B+ final grade in both classes
All fees from Course 709 and 711 must be satisfied.

This class follows up the first year of Wood Tech I or our bi-annual Residential Construction program with an emphasis on more of the technical aspects of the carpentry profession with training in interior finishing, wiring, trimming, cabinet making, and other more specific skill sets. The course is intended for students who are interested in the many rewarding careers in the construction industry. These students should possess characteristics such as dedication to hard work, pride in a job well-done, an overall good work ethic, and the ability to be productive alone or while working with others toward a common goal. It is also mandatory that the students possess good math skills. Field trips will be offered.

- 711** - WOOD TECH III / RESIDENTIAL CONSTRUCTION
Meets 5 Times/Week - Double Block - 2 Credits Grades 11, 12
Prerequisite - Wood Tech II with at least a B+ final grade
All fees from Course 709 and 710 must be satisfied.

This class follows up the first year of Wood Tech I or our bi-annual Residential Construction program with an emphasis on more of the technical aspects of the carpentry profession with training in interior finishing, wiring, trimming, cabinet making, and other more specific skill sets. The course is intended for students who are interested in the many rewarding careers in the construction industry. These students should possess characteristics such as dedication to hard work, pride in a job well-done, an overall good work ethic, and the ability to be productive alone or while working with others toward a common goal. It is also mandatory that the students possess good math skills. Field trips will be offered.

- 791** - TELEVISION PRODUCTION I
Meets 5 Times/Week - .5 Credit - One Semester (1st or 2nd Semester)
Grades 9, 10, 11, 12
No Prerequisite

In this course students will produce, record, and edit video segments to broadcast for the student body of HHS. Students will work in a real TV studio with state of the art editing equipment to create commercials and informational segments about HHS events. Filming techniques, audio dubbing, and video editing are focus areas which prepare students for a career in digital broadcast communications.

792-798

- TELEVISION PRODUCTION 2 - 8

Meets 5 Times/Week - .5 Credit - One Semester (1st or 2nd Semester)

Grades 9, 10, 11, 12

Prerequisite – Must have completed prior class in TV Production course sequence

Student request and teacher recommendation only

Courses build upon previous Television Production classes with increased skill requirements, rigor, and additional content to expand students' knowledge in the areas of mass media, communications, and digital marketing.

7171

- DIGITAL VIDEO EDITING I & INTRODUCTION TO TELEVISION

Meets 5 Times/Week - .5 Credit - One Semester (1st or 2nd Semester)

Grades 9, 10, 11, 12

No Prerequisite

This course will focus on several aspects of creating digital video segments. Students will gain knowledge and experience for the following: using cameras to make different angled shots, editing video footage, applying digital graphics, and integrating audio music, sounds, and voice. New technologies in computer software for video editing will be learned. Students will use this course to experience projects in making short commercials with still images and video, applying still images to create stop-action videos, research and apply steps in creating an informative video, and learn aspects of modern music videos to recreate their own.

7172

- DIGITAL VIDEO EDITING II & INTRODUCTION TO TELEVISION

Meets 5 Times/Week - .5 Credit - One Semester

Grades 9, 10, 11, 12

No Prerequisite

In this course, students will take part in advanced video recording techniques and applying software for advance editing capabilities. Focus will be on recording capabilities with uniqueness along with the ability to implement advanced video software, graphics and concepts into assigned projects. Students should have successfully completed Television Production I OR Digital Video Editing I & Introduction to Television.

729

- YEARBOOK

Meets 5 Times/Week - 1 Credit

Grades 9, 10, 11, 12

Prerequisite - B+ or higher average in art classes / B+ or higher average in English classes

This class directly involves students in the yearbook process. Students will take photographs and create the theme of the book using Lightroom, Photoshop and In-Design programs. This class requires dedication and hard work, and a creative touch can be a wonderful thing.

FINE ARTS COURSES

A fee will be charged for materials in all Fine Arts Courses.

- 731** - FOUNDATIONS IN ART
Meets 5 Times/Week - 1 Credit
Grades 9, 10, 11, 12
No Prerequisite
Fee: \$10.00

This course will serve as an introduction and prerequisite to Studio Art I, Computer Graphics, Beginning Game Design, and Pottery I. It will help students gain an understanding of art by learning the elements and principles of visual composition, exploring contemporary artists, and learning about, as well as working in various media and processes, such as drawing, painting, printmaking, two and three dimensional design, and sculpture.

- 728** - BEGINNING GAME DESIGN
Meets 5 Times/Week - 1 Credit - Full Year
Grades 10, 11, 12
Prerequisite - B- or higher in Art Foundations / All fees from Course 731 must be satisfied.
Fee: \$10.00

This course is designed to have students explore different programs to assist in game design. The students will explore how a game is designed and what makes for good game play. They will then create their own games using various game design programs. Drawing ability is helpful for this course.

- 746** - COMPUTER GRAPHICS
Meets 5 Times/Week - 1 Credit - Full Year
Grades 10, 11, 12
Prerequisite - Foundations in Art / All fees from Course 731 must be satisfied.
Fee: \$10.00

This course is designed for the learner to use computer programs to create digital pieces of artwork.

- 732** - STUDIO ART I
Meets 5 Times/Week - 1 Credit
Grades 10, 11, 12
Prerequisite - B- Final Grade of higher in Foundations in Art / All fees from Course 731 must be satisfied.
Fee: \$10.00

This course will give students more in depth studio experiences in a variety of art media and processes, building on what was learned in Foundations in Art.

- 733** - STUDIO ART II
Meets 5 Times/Week - 1 Credit
Grades 11, 12
Prerequisite - B- Final Grade or higher in Studio Art I / All fees from Course 732 must be satisfied.
Fee: \$20.00

Students will explore more advanced studio experiences, continuing to develop the skills learned in Studio Art I. The course will include more advanced techniques in acrylics, watercolor, different drawing media, and sculpture.

- 734** - STUDIO ART III
Meets 5 Times/Week - 1 Credit
Grade 12
Prerequisite - B- Final Grade or higher in Studio Art II (or Drawing II with teacher's permission)
All fees from Course 733 must be satisfied.
Fee: \$20.00

The student artists continue to work in a variety of media and processes, increasing their skills as they advance in their talents and abilities. They will be encouraged to explore new directions as well as fine-tune skills they have attained.

- 720** - POTTERY I
Meets 5 Times/Week - .5 Credit - One Semester
Grades 10, 11, 12
Prerequisite - Successful completion of Foundations in Art is highly recommended.
Fee: \$30.00

This course will take students from pinch pot to slab building, coil pots and more. Students will explore the many techniques to hand-build pottery forms. Various ways to finish a piece using underglazes, engobes, and glazes will also be learned.

- 721** - POTTERY II

Meets 5 Times/Week - .5 Credit - One Semester
Grades 10, 11, 12
Prerequisite - B- in Pottery I / All fees from Course 720 must be satisfied.
Fee: \$30.00 per Semester

This course is a continuation of the skills learned in Pottery I. The focus will be on good design, craftsmanship, self-expression, and creativity.

- 722** - POTTERY III
Meets 5 Times/Week - .5 Credit - One Semester
Grades 11, 12
Prerequisite - B- or higher in Pottery II / All fees from Course 721 must be satisfied.
Fee: \$30.00 per Semester

This course is for students who never want to let go of clay and who crave for more experience in pottery. Students will build on their design sense and creativity to achieve their personal voice in clay.

- 723** - POTTERY IV
Meets 5 Times/Week - .5 Credit - One Semester
Grades 11, 12
Prerequisite - B- or higher in Pottery III / All fees from Course 722 must be satisfied.
Fee: \$30.00 per Semester

Students will explore more complex forms of pottery, ideas and experiences, and challenge their creative self-expression. Both functional and sculptural pieces will be explored.

- 724** - WHEEL THROWING
Meets 5 Times/Week - .5 Credit - One Semester
Grades 11, 12
Prerequisite – B- or higher in most recent Pottery Class and Teacher Recommendation
All fees from Pottery Courses must be satisfied. Class size limited to 9 students.
Fee: \$30.00 per Semester

This wheel class is offered to those with great determination and desire to learn how to throw on the potter's wheel. Students will create mugs, bowls, plates, and more, while addressing good design and function.

- 725** - BASIC PHOTOGRAPHY I
Meets 5 Times/Week - .5 Credit - One Semester
Grades 9, 10, 11, 12
No Prerequisite - Class limited to 15 students.
Fee: Based on materials used (Approximately \$18.00/Quarter)

Students will learn how to operate their 35mm film cameras to manipulate the f-stops and shutter speeds to control different aspects of their photographs. Students will learn to do black and white processing of negatives and prints. Students will need time outside of class to take photographs. Students must have a Single Lens Reflex 35 mm film camera with manual controls and manual focus. Point and shoot cameras are not acceptable.

- 726** - BASIC PHOTOGRAPHY II
Meets 5 Times/Week - .5 Credit - One Semester

Grades 9, 10, 11, 12

Prerequisite - Satisfactory completion of Basic Photography I / All fees from Course 725 must be satisfied.

Class limited to 15 students.

Fee: Based on materials used (Approximately \$18.00/Quarter)

Students will continue to expand on their photography skills both in and out of the darkroom.

Students will need time outside of class to take photographs.

727 - ADVANCED PHOTOGRAPHY I

Meets 5 Times/Week - 1 Credit - Full Year

Grades 10, 11, 12

Prerequisite - B+ or higher in Basic Photography II / All fees from Course 726 must be satisfied.

Fee: Based on materials used (Approximately \$20.00 / quarter)

This course is designed for the serious photography student. The course will be a continuation and expansion of the photography techniques used in Basic Photography I and II with an emphasis on creativity and skill refinement. Students will be given the opportunity to explore medium format and digital photography.

747 - ADVANCED PHOTOGRAPHY II

Meets 5 Times/Week - 1 Credit - Full Year

Grades 11, 12

Prerequisite - B+ or higher in Advanced Photography / All fees from Course 727 must be satisfied.

Fee: Based on materials used (Approximately \$20.00 / quarter)

This course is for the serious photography students that want to continue their studies in photography. Students will be refining their black and white skills and delving deeper into the digital world. Class limited to 15 students.

748 - ART EXPLORATION

Meets 3 Times/Week - .3 Credit - One Semester

Grades 10, 11, 12

No Prerequisite

Fee: \$10.00

This course is designed for students that have an interest in the arts and would like to explore that interest further. The students will have an opportunity to explore various mediums in this course.

SENIOR PORTFOLIO (Independent Study)

The following courses are available to seniors only. Students will need to submit a portfolio and letter of intent to be reviewed by the art department for acceptance into this course. This is an opportunity for serious art seniors to prepare a portfolio in various media of his/her choice. Students must be self-motivated and able to work independently.

- 740** - POTTERY PORTFOLIO
Meets 5 Times/Week - 1 Credit - Grade 12 Only
Prerequisite - Approval of teacher and submission of a portfolio
Fee: \$30.00 per Semester
- 741** - PHOTOGRAPHY PORTFOLIO
Meets 5 Times/Week - 1 Credit - Grade 12 Only
Prerequisite - Approval of teacher and submission of a portfolio and completion of Basic Photo I & II and Advanced Photography.
Fee: Average of \$30.00 per quarter based on materials used
- 742** - COMPUTER GRAPHICS PORTFOLIO
Meets 5 Times/Week - 1 Credit - Grade 12 Only
Prerequisite - Approval of teacher and submission of a portfolio
Fee: \$20.00
- 743** - STUDIO ART PORTFOLIO
Meets 5 Times/Week - 1 Credit - Grade 12 Only
Prerequisite - Approval of teacher and submission of a portfolio
Fee: \$30.00

MUSIC COURSES

- 780** - BAND
Meets 3 Times/Week - M, W, F - .60 Credit [A pull-out lesson is scheduled on a rotation basis, once per week.]
Grades 9, 10, 11, 12

Band provides the student with experience in playing wind or percussion instruments in an ensemble setting. Each student participating in the instrumental music program at Honesdale High School is required to participate in both Marching and Concert Bands. Band begins practice two or more weeks prior to the start of school. Instrumental music students are expected to be at each practice and performance throughout the year. It is very possible to do both sports and band! Accommodations can always be made.

- 781** - CHORUS
Meets 2 Times/Week - Tuesday/Thursday - .40 Credit each year.
Grades 9, 10, 11, 12

This class should be taken by students who enjoy singing and are also serious about learning to sing well in a choral setting. Students are expected to follow and sing from their voice part as written in three to four part choral music. Music of a variety of styles and origins will be sung, including classical, folk, pop, jazz, patriotic, Broadway, sacred, secular, and others. Opportunities for students to perform music of their choosing, with instructor approval, are provided in our annual Dessert Theatre. There are also opportunities for students to audition for solos and attend festivals. Students are required to participate fully in each rehearsal and perform in a least two evening concerts, several school assembly programs, and possible community events. **No audition for this group is required.**

- 782** - CLASS PIANO I
Meets 5 Times/Week for 1st Semester - .5 Credit
Grades 9, 10, 11, 12
No Prerequisite
Fee: \$25.00

This course is designed for students who wish to develop basic piano playing skills. It is designed for students who have had no previous piano experience. Time in class will be spent both on and off the keyboards. While playing, students will be working individually to master the techniques of playing and to learn piano repertoire out of the lesson book. There will also be time spent in group instruction on musical notation.

- 783** - CLASS PIANO II
Meets 5 Times/Week for 2nd Semester - .5 Credit
Grades 9, 10, 11, 12
Prerequisite - Successful completion of Class Piano I
Fee from Class Piano I must be satisfied.

This course is for students who have successfully completed Class Piano I. It will increase musical understanding beyond just reading notes by teaching students a vocabulary of chords and keys. Time in class will be spent both on and off the keyboards. While playing, students will be working individually to master the techniques of playing and to learn piano repertoire out of the lesson book. There will also be time spent in group instruction on musical notation.

- 7841** - MUSIC THEORY I
Meets 5 Times/Week - 1 Credit
Grades 9, 10, 11, 12
No Prerequisite

This course is designed for students who want to learn the basics of musical notation and history. No previous music experience is necessary. Class time will be spent in class lectures, reading the text, and basic sight-singing exercises. Concepts covered will be, but not limited to: reading treble and bass clef, scales, key signatures, intervals, and chords.

- 7842** - MUSIC THEORY II
Meets 5 Times/Week - 1 Credit
Grades 11, 12
Prerequisite - Successful completion of Music Theory I

This course is designed for students who intend to have a career in music or plan to study music at the

college level. Class time will be spent in lectures, reading the text, and basic sight-singing exercises. Concepts covered will be, but not limited to: reading treble and bass clef, scales, key signatures, intervals, and chords.

- 786** - GUITAR ENSEMBLE
Meets 2 Times/Week [Tuesday/Thursday] (Opposite Chorus) - .40 Credit/Year
Grades 9, 10, 11, 12

Participation is by audition or recommendation of the instructor. Participants must be able to read and perform simple melodies in first position. Students must have a guitar in good working condition and a footstool or guitar support to ensure proper playing technique and posture.

Ensemble members will develop proper performance techniques and increase their knowledge of music theory and guitar literature through participation in duets, trios, quartets, and larger ensembles. Performance requirements include but are not limited to a holiday and spring concert.

- 787** - MUSICALTHEATRE I
Meets 5 Times/Week for 1st Semester - .5 Credit
Grades 9, 10, 11, 12
No Prerequisite

Students will study the historical aspects that musicals have played in New York City and London, England. Various vocalists will be discussed from the turn of the century to the present.

- 788** - MUSICALTHEATRE II
Meets 5 Times/Week for 2nd Semester - .5 Credit
Grades 9, 10, 11, 12
Prerequisite - Successful completion of Musical Theatre I

In this course students will study the many roles that lead to the production of a show. Primary focus will be specific to the role and impact of the pit orchestra on a musical production. Students will learn the process of the singer/songwriter/composer as related to the pit band.

- 789** - MUSICAL THEATRE III
Meets 5 Times/Week for 1st Semester - .5 Credit
Grades 10, 11, 12
Prerequisite - Successful completion of Musical Theatre II

This course is a continuation of the work in Musical Theatre II with an emphasis on various genres from family musicals to more sophisticated works. Students will be required to sing a piece from a musical of their choice.

- 790** - MUSICAL THEATRE IV
Meets 5 Times/Week for 2nd Semester - .5 Credit
Grades 10, 11, 12

Prerequisite - Successful completion of Musical Theatre III

Through this course students will complete a major project that requires them to create and perform a musical piece. Students will also perform the role of musical director for one scene of a musical that the student creates.

FAMILY AND CONSUMER SCIENCE COURSES

- 760** - FOODS I
Meets 5 Times/Week - .5 Credit - 1st Semester
Grades 9, 10, 11, 12
No Prerequisite
Fee: \$20.00

Foods I will help you develop basic culinary skills in the various methods of preparing and serving foods. Techniques such as pan frying, dry heat and moist heat, as well as methods of cooking, will be learned.

- 761** - FOODS II
Meets 5 Times/Week - .5 Credit - 2nd Semester
Grades 9, 10, 11, 12
Prerequisite - Foods I - All fees from Course 760 must be satisfied.
Fee: \$20.00

Foods II class increases culinary skills in the preparation and serving of foods. Emphasis will be on the preparation of yeast bread products, milk and cheese, eggs, cakes, vegetables, and fruits.

- 762** - CULINARY ESSENTIALS I
Meets 5 Times/Week - .5 Credit - 1st Semester
Grades 10, 11, 12
Prerequisite - At least a C average in Foods II - All fees from Course 761 must be satisfied.
Fee: \$20.00

Culinary Essentials is an introduction to gourmet cooking and decorative foods, with emphasis on specialized culinary skills.

- 763** - CULINARY ESSENTIALS II
Meets 5 Times/Week - .5 Credit - 2nd Semester
Grades 10, 11, 12
Prerequisite - a C in Culinary Essentials - All fees from Course 762 must be satisfied.
Fee: \$20.00

Culinary Essentials II builds on cooking techniques learned in Culinary Essentials I, placing emphasis on baking and pastry arts.

- 7660** - INTERNATIONAL/WORLD FOODS I
Meets 5 Times/Week - .5 Credit - 1st Semester
Grades 11, 12
Prerequisite - C+ average in Culinary Essentials I & II - All fees from Course 763 must be satisfied.
Fee: \$20.00

This semester course reinforces all of the techniques learned in Foods I & II and Culinary Essentials I & II through exploration of International Foods. The study of regional, ethnic and foreign foods will be used to increase cultural awareness. Countries explored: United States, Latin America, Caribbean, Western and Northern Europe.

- 7661** - INTERNATIONAL/WORLD FOODS II
Meets 5 Times/Week - .5 Credit - 2nd Semester
Grades 11, 12
Prerequisite - C+ average in Culinary Essentials I & II and International/World Foods I - All fees from Course 7660 must be satisfied.
Fee: \$20.00

This semester course reinforces all of the techniques learned in Foods I and II and Culinary Essentials I and II through exploration of International Foods. The study of regional, ethnic and foreign foods will be used to increase cultural awareness. Countries explored: Southern and Eastern Europe, Asia, Africa, and Australia.

- 759** - HOSPITALITY
Meets 5 Times/Week - 1 Credit - Full Year
Grades 10, 11, 12
Prerequisite - Successful completion of Foods I and Foods II. All fees in previous FACS courses must be satisfied.
Fee: \$20.00

Students in this course explore culinary and hospitality functions, current industry trends and various career options. The history of the industry will be studied as well as various areas related to the field of hospitality, such as: resorts, hotels, theme parks, cruises, restaurants of all types, and tourism.

- 764** - COOKING FOR SENIORS
Meets 5 Times/Week - .5 Credit - One Semester
Grade 12
Fee: \$20.00

This course is an introduction to basic food preparation, wellness and food economics for students in 12th grade. The goal is to prepare the student for cooking independently post-graduation.

- 769** - CHILD CARE & DEVELOPMENT
Meets 5 Times/Week - .5 Credit - One Semester
Grades 9, 10, 11, 12
No Prerequisite

This class focuses on family, healthy relationships, dating, marriage, pregnancy, prenatal care, childbirth and parenting. The infant simulator "Baby Think It Over" is the culminating experience.

- 772** - CRAFTS
Meets 5 Times/Week - .5 Credit - One Semester
Grades 9, 10, 11, 12
No Prerequisite
Fee: \$20.00

During this class students will learn skills such as calligraphy, paper mache techniques, and DIY gift giving. An introduction to commercial embroidery/entrepreneurship, principles of design and seasonal crafts will be emphasized.

- 773** - INTERIOR DESIGN
Meets 5 Times/Week - .5 Credit - One Semester
Grades 9, 10, 11, 12
No Prerequisite
Fee: \$20.00

Interior Design explores housing needs and how to make decisions about your home. Floor plans, housing options and styles will be covered. Design principles and the use of color in decorating will be emphasized. Students will meet professionals in the field and learn to create design boards.

HEALTH AND PHYSICAL EDUCATION COURSES

Each Physical Education Course will receive .20 Credit.

- 800** - BOYS' PHYSICAL EDUCATION - 1st Semester - Grades 9, 10, 11, 12

- 801** - BOYS' PHYSICAL EDUCATION - 2nd Semester - Grades 9, 10, 11, 12
- 802** - GIRLS' PHYSICAL EDUCATION - 1st Semester - Grades 9, 10, 11, 12
- 803** - GIRLS' PHYSICAL EDUCATION - 2nd Semester - Grades 9, 10, 11, 12

The Physical Education Curriculum is designed to assist students in developing an active life style that will promote lifelong fitness and wellness.

Curriculum components will include, but are not limited to:

- 1.) Teaching, practicing, and assessing the components of physical fitness.
- 2.) Nutrition and weight management for a healthy life style.
- 3.) Understanding the value of, and what constitutes, fitness and wellness throughout a life-span.
- 4.) Character education, teamwork and leadership experience through the use of cooperative and problem solving activities.
- 5.) Integrating community businesses and agencies in instruction on outdoor and indoor lifetime fitness activity opportunities.
- 6.) Exposure to, and appropriate participation in, a large variety of team and individual sport, as well as recreational activities.

ADAPTED PHYSICAL EDUCATION

Adapted Physical Education is available to students in 9th through 12th grade on recommendation by personal physician, the school nurse, physical education instructor, or special services director.

The Adapted Physical Education curriculum includes modifications to the regular physical education curriculum utilizing a buddy-system with regular education students.

- 804** - ADAPTED PHYSICAL EDUCATION - 1st Semester - Grades 9, 10, 11, 12
- 805** - ADAPTED PHYSICAL EDUCATION - 2nd Semester - Grades 9, 10, 11, 12
- 806** - HEALTH 11
Meets 3 Times/Week - Grade 11
.60 Credit

The units presented will provide developmentally appropriate information to students in the following areas:

1. Personal wellness (physical, mental, social, emotional health issues).
2. Nutrition and fitness.
3. Stress management and mental health.
4. Communication, decision making and goal setting skills.
5. Up to date substance abuse education.
6. American Safety and Health Institute (ASHI) CPR certification (required for graduation).
7. Healthy relationships and sexual education.

Information to enhance individual level of wellness (health) will be integrated and presented to provide student opportunities to obtain, interpret, understand, and competently use basic health information, resources, and services.

823 - HEALTH 9
Meets 2 Times/Week - One Semester - Grade 9
.20 Credit

The goal of this course is for students to discover their current level of health, analyze the positives and negatives, and use that information to assist them in making healthy decisions that will help guide them through high school. Course content will be based on student requests and include subject matter from the PA State Standards for Health Education. Course content includes, but is not limited to: the dimensions of wellness; communication; healthy relationships; peer pressure; nutrition; physical activity; tobacco, alcohol, and drug education; addiction; stress management; decision making; refusal skills; goal setting; bullying; and internet safety.

DRIVER EDUCATION COURSES

807 - DRIVER EDUCATION THEORY - .20 Credit - 1 Semester
Two (2) times per week.
Required for graduation - 30 hours of instruction

This course will study topics about the operations of a motor vehicle including; safety, traffic laws, driving techniques, interaction with other vehicles, defensive driving skills, insurance and adverse weather conditions. Because this course is theory, a student will not drive an automobile.

10 Eligibility: Students who turn 16 years of age between September 1 and April 30 during Grade

Eligibility: Students who turn 16 years of age between May 1 and September 30 during Grades 10 or 11.

Eligibility: Students in Health Occupations will take Driver Education during Grade 9.

PRACTICE DRIVING

Optional - 6 hours of actual driving experience.

If a student is 16 years of age or older and has either a valid learner's permit or a driver's license, he/she may sign up with a driving instructor to arrange for completion of driving hours. Students will operate a car provided by the school district under the supervision of a certified driving instructor. Instruction will take place both on school property and on open highways. Upon completion of the Driver Education Theory course and the six hours of practice driving, students may take the driver's test with a driving instructor. All state license testing requirements must be met in order for the school instructors to administer the test.

GUIDANCE AND COUNSELING

819 - GUIDANCE CLASS

Meets once a week - 1st Semester - Grade 9

The 9th grade Guidance class promotes career awareness and development by stressing the relationship between a student's aptitudes, interests, and social/emotional characteristics to his/her choice of occupation. Classroom discussion includes but is not limited to: study skills, scheduling decisions based on career choice and/or pathway, post-secondary options and education, and various assessments including PSAT, SAT, ACT, & ASVAB. A comprehensive career planning program *Career Cruising* is utilized throughout the semester, along with other reference materials and guest speakers to aid in the career exploration process and success of the student.