



**WILLIAMSPORT  
AREA HIGH  
SCHOOL**

**2020-2021  
FRESHMAN  
COURSE CATALOG**

# WAHS Freshman Academy

Dear Parent/Guardian,

This catalog is designed as a guide for 8<sup>th</sup> grade students who will be moving up to the high school next year. This catalog contains information on the scheduling process for high school classes, along with other information on credits and graduation requirements for the WAHS. There are also descriptions of all courses available to 9<sup>th</sup> grade students. The WAMS counselors will be working with your child over the next few weeks to schedule their classes for the 2020-2021 school year.

Mr. Freed  
9<sup>th</sup> Grade Principal

*WASD – Developing responsible citizens through excellence in education.*

<b>WASD District Office Administration</b>			
<b>Superintendent</b> Dr. Timothy Bowers		<b>Assistant Superintendent</b> Dr. Susan Bigger	
<b>Director Of Student Services</b>	<b>Director of Human Resources</b>	<b>Business Administrator</b>	<b>Solicitor</b>
Dr. Richard Poole	Anne Logue, MBA	Wanda Erb, MBA	Fred A. Holland, J.D.
<b>WASD Board of School Directors</b>			
Lori Baer, President	Patrick Dixon	Mark Schefsky	Jennifer Lake
Barbara Reeves	Dr. Jane L. Penman, Vice President	Dr. Nancy Somers	Star Poole
Adam Welteroth			
<b>WAHS High School Administration</b>			
<b>Head Principal</b>	<b>9<sup>th</sup> Grade Principal</b>	<b>10<sup>th</sup> Grade Principal</b>	<b>11<sup>th</sup> &amp; 12<sup>th</sup> Grade Principal</b>
Dr. Brandon S. Pardoe, Ed. D.	Roger Freed, M.Ed.	Kristin Takach, M.Ed.	Jeffrey T. Robbins, M.Ed.
<b>Cyber School Supervisor</b>	<b>Career and Technical Education Director</b>		<b>Athletic Director</b>
Stephanie Pardoe	Matthew Fisher, M. Ed.		Sean E. McCann, M.S.

# Program of Studies

## Graduation Requirements

A student must accumulate twenty-three credits in grades 9 through 12 in order to qualify for a Williamsport Area High School diploma. Among these are required credits in the areas of English, Social Studies, Mathematics, Science, Health & Physical Education, and the Arts and Humanities. Graduation requirements apply to all students unless determined otherwise by an IEP team in compliance with the Individuals with Disabilities Education Act (IDEA).

STANDARD GRADUATION REQUIREMENTS	
Subject Area	Required # of Courses
English	4.0 (1 course per year)
Mathematics	4.0* (1 course per year)
Science	3.0/4.0** (1 course per year)
Social Studies	3.0/4.0** (1 course per year)
Physical Education/Health	1.5
Arts and Humanities	2.0
Electives	4.5

\*Any student that completes Calculus I by their Junior year has officially completed their high school math requirements.

\*\*Students have a choice of a swing credit. They have the ability to choose a 4<sup>th</sup> course of science or social studies, their senior year, to fulfill graduation requirements.

CAREER & TECHNICAL EDUCATION PROGRAM COMPLETER GRADUATION REQUIREMENTS	
Subject Area	Required # of Courses
English	4.0 (1 course per year)
Mathematics	4.0* (1 course per year)
Science	3.0 (1 course per year)
Social Studies	3.0 (1 course per year)
Physical Education/Health	1.5
Arts and Humanities	2.0
Electives	4.5

\*Any student that completes Calculus I by their Junior year has officially completed their high school math requirements.

# Approved WASD Grade Scale (Grades 7-12)

(Effective 2018-19)

<b>A</b>	<b>90-100</b>
<b>B</b>	<b>80-89</b>
<b>C</b>	<b>70-79</b>
<b>D</b>	<b>65-69</b>
<b>E</b>	<b>&lt;64.99</b>

## 4.0 Scale Conversion

Colleges report GPA (grade point average) on a 4.0 scale. The top grade is an A, which equals 4.0. This is the standard scale at most colleges, and many high schools use it. To convert your GPA to a 4.0 scale:

Letter Grade	Percent Grade	4.0 Scale
A+	97-100	4.0
A	93-96	4.0
A-	90-92	3.7
B+	87-89	3.3
B	83-86	3.0
B-	80-82	2.7
C+	77-79	2.3
C	73-76	2.0
C-	70-72	1.7
D+	67-69	1.3

Letter Grade	Percent Grade	4.0 Scale
D	65-66	1.0
E/F	Below 65	0.0

**Honor Roll** - In order to recognize superior academic achievement – Grades of *95% in all subject areas will be Distinguished Honor Roll, grades of 90% in all subject areas will be High Honor Roll, and grades of 85% in all subject areas will be Honor Roll.*

**Students at –risk of failure:** Presently, students failing a course within a marking period are assigned a “55” to allow them to recover the failing grade in subsequent marking periods.

# GENERAL EDUCATION REQUIREMENTS

## GENERAL EDUCATION REQUIREMENTS

<b>FRESHMAN</b>	<b>SOPHOMORE</b>	<b>JUNIOR</b>	<b>SENIOR</b>
<b>English (1 Credit)</b>	<b>English (1 Credit)</b>	<b>English (1 Credit)</b>	<b>English (1 Credit)</b>
English Requirement is 1 course each year of High School from options below. See recommended courses in your program of study			
Intro to Lit Comp I English 9 H	Intro to Lit Comp II English 10 H	American Lit/Comp I English 11 H AP English 11 (Language)	British Lit/Comp I English 12 AP English 12(Literature) PCT English H
<b>Mathematics (1 Credit)</b>	<b>Mathematics (1 Credit)</b>	<b>Mathematics (1 Credit*)</b>	<b>Mathematics (1 Credit)</b>
Math Requirement is 1 course each year of High School from options below. See recommended courses in your program of study			
Algebra I Algebra II H Geometry H	Algebra II Geometry H Pre-Calc Trig H	Geometry Trigonometry Geometry H PCT 124 (.5)/125 (.5) Pre-Calc Trig H Calc I (*if completed no more math required)	Career Mathematics Trigonometry PCT 124/125 Pre-Calc Trig H Calc I Calc II Alg III
<b>Social Studies (1 Credit)</b>	<b>Social Studies (1 Credit)</b>	<b>Social Studies (1 Credit)</b>	<b>Social Studies (0/1 Credit)</b>
Choose appropriate Social Studies courses for graduation requirement. 3 or 4 Courses needed 9-12 grade. **See below			
US History US History H	Civics & Government Civics & Government H AP Government & Politics	Modern World PCT Modern World H AP European AP US History Psych/Soc	Global Studies Global Studies H PCT Psychology AP Psychology Psych/Soc
<b>Science (1 Credit)</b>	<b>Science (1 Credit)</b>	<b>Science (1 Credit)</b>	<b>Science (0/1 Credit)</b>
Choose appropriate Science courses for graduation requirement. 3 or 4 Courses needed 9-12 grade. **See below			
Biology Biology H	Integrated Science Chemistry H	Chemistry Physics I Physics I H AP Physics I AP Environmental AP Chem (2cr) Meteorology(.5) Astronomy (.5) Geology (.5) Oceanography (.5) Anatomy/Physiology AP Biology	Topics of Science Meteorology(.5) Astronomy (.5) Geology (.5) Oceanography (.5) Anatomy/Physiology AP Biology Physics I Physics I H AP Physics I & II AP Environmental AP Chem (2cr)
<b>Physical Education &amp; Health (1.5 Credits)</b>			
PE & Health Credits may be taken throughout your 4 years of high school.			
PE01 (.5) Health 01 (.5)	PE03 (.5) PE04 (.5) PE05 (.5) PE06 (.5) Health 01 (.5) Health 02 (.5)	PE03 (.5) PE04 (.5) PE05 (.5) PE06 (.5) Health 01 (.5) Health 02 (.5)	PE03 (.5) PE04 (.5) PE05 (.5) PE06 (.5) Health 01 (.5) Health 02 (.5)
<b>Electives (2 Credits Arts &amp; Humanities)</b>			
See electives for your program of study			
Career Pathways (.5) (9 <sup>th</sup> grade)			

-Students in a CTE Program of study, as a completer, need only 3 social studies credits.

## KEYSTONE EXAM

### Graduation Requirements

The Commonwealth of Pennsylvania has mandated requirements as part of Act 158 of 2018 above and beyond the district's prescribed 23 credits for graduation from the high school.

Students are required to take the Keystone Exams in the areas of Algebra, Biology and Literature for purposes of federal accountability.

- Completing the required Keystone Exams, and fulfilling each additional condition that results from the student's performance rating on the Keystone Exams, as detailed below. Each student, at some point, must sit for all components of the state assessment. Individual scores for these assessments are returned shortly after exam is completed. For each of these assessments, there are four possible ratings: Advanced, Proficient, Basic and Below Basic. Each rating has an impact on the student in terms of what happens as a result of that level of achievement.
  - A student who achieves an Advanced or Proficient rating on the required elements of the Keystone Exams shall be eligible to graduate with no additional conditions, provided the 23 credit requirement has also been met.
  - A student who achieves a Basic or Below Basic rating on the required elements of the Keystone Exams will have to complete the Keystone retest in the content areas where scores of Basic or Below Basic were earned. If a student does not achieve proficiency on all three Keystone Exams then an alternative pathway may need to be applied such as: Keystone Composite Pathway, Alternate Assessment Pathway, Evidence Based Pathway, or CTE Pathway.

### College Entrance Requirements

Every student should be concerned not only with meeting graduation requirements, but with meeting college and other post-high school education requirements as well. There is a wide variation in the requirements for college

admission. The usual college preparation course, however, will include sixteen units of subjects in the fields of English, World Languages, Social Studies, Science and Mathematics. A college preparatory program should include four college preparatory subjects each year. The highly competitive admissions offices are selecting students who elect the most challenging courses available. Students interested in the highly competitive colleges and universities are encouraged to take the Honors level courses whenever it is possible. The following distribution will satisfy even the most competitive colleges:

English	4
Mathematics (includes algebra, geometry, and trigonometry)	3 to 4
Languages	2 to 3
Science	3 to 4
Social Studies	3 to 4
Additional units in any of the fields above	2
<b>Total academic units</b>	<b>20</b>
Electives, preferably in fields other than those listed above	2
<b>Total units</b>	<b>23</b>

To be on the safe side, we strongly urge you to consult the college catalogs for admission information. Contact your counselor about course selection decisions or have some doubts about the decisions you have made. The above information reflects recommended minimum requirements for those who wish training beyond high school. This information was taken from a national publication and should not be confused with Williamsport Area High School graduation requirements. A separate WAHS publication, The College Planning Guide, is available in the counseling offices.

### PC Now Dual Enrollment Program

Pennsylvania College of Technology has provided WAHS the opportunity to be enrolled in numerous college level classes for college and high school credit. These courses are provided free of charge. Students must enroll at Penn College, and then pass the required entrance

exams for the desired course. WAHS will have a process in place for enrollment and testing. These exams vary per course. Failure to pass the required exams may result in the student being placed into a non-PCT course.

## Advanced Placement Courses

Taking AP courses and exams can help students:

- **Stand out on college applications.** AP courses on a student’s transcript shows that they’ve challenged themselves with the most rigorous courses available to them. And success on an AP Exam shows that they’re ready for college-level coursework.
- **Earn college credit and/or skip introductory courses in college.** Most four-year colleges and universities in the United States—as well as many institutions in more than 100 other countries—grant students credit, placement, or both for qualifying AP Exam scores.
- Each AP course concludes with an AP Exam. These assessments are designed by the same expert committee that designed the course. **Students are expected to take the AP Exam for the course.**
- The exams are scored on a scale of 1 to 5 by college and university professors and experienced AP teachers. Many U.S. colleges offer credit for AP Exam scores of 3 or higher.
- All students who are willing and academically prepared to accept the challenge of a rigorous academic curriculum should be considered for admission to AP courses.

## Minimum Promotion Requirements

9 <sup>th</sup> to 10 <sup>th</sup> Grade	10 <sup>th</sup> to 11 <sup>th</sup> Grade	11 <sup>th</sup> to 12 <sup>th</sup> Grade	12 <sup>th</sup> to Graduate
Successfully Acquire at least 5 credits	Successfully Acquire at least 10 credits	Successfully Acquire at least 15 credits	Acquire at least 23 credits as outlined by WAHS graduation requirements

\* Please realize these are only minimum needed credits to move on to the next grade level. **This**

**is not recommended.** Students should work to attain all credits each year.

## Commencement Participation

Each member of the senior class is eligible to process on the evening of Commencement only if the student has sufficient credits to qualify for a diploma by the end of the summer session immediately following the senior year. This means that students lacking more than one (1) credit will not be permitted to process on the evening of Commencement. Remember, twenty-three (23) credits (to include required credits in certain areas) must be accumulated in order to qualify for a Williamsport Area High School diploma. If there is any uncertainty regarding your credit status, please contact the appropriate school counselor at your earliest convenience. All students expecting a diploma must also have performed on the Keystone Exam’s as described earlier in this handbook.

## Early Graduation

### Requirements for Graduation after the Junior Year:

1. A written request initiated by the student and signed by both student and parent must be made on or before the first day of March of the year prior to that of requested graduation (March of sophomore year).
2. The written request must be submitted to and be approved by the head principal.
3. A student must have earned a minimum of 23 credits and completed all required courses and have maintained an overall cumulative average of 85 percent or higher in the freshman, sophomore and junior years.
4. The student must show proficiency on their Keystone Exam’s by the end of the junior year. Failure to do so will nullify early graduation opportunity.

## Delayed Graduation

A student who fails to meet the requirements for graduation from Williamsport Area High School when scheduled may later qualify for his/her diploma under the following conditions:



1. Complete the required make-up in summer school during the summer immediately following the senior year. A maximum of one credit may be completed in summer school.
2. Complete the required make-up in an approved credit recovery program.

### **Honor Roll**

The policy calls for a three-part honor roll structure, which recognizes student achievement on an equal footing at every level of course undertaken. Students would attain "Honor Roll" status during a marking period by earning grades of 85 or higher in every course undertaken; "High Honor Roll" status would come to students earning grades of 90 or better in every course undertaken; "Distinguished Honor Roll" status is earned by those students with a 95 or better in every course during the

marking period. The thresholds cited here are for individual course grades each marking period, and not cumulative course averages over more than one marking period. Any grade below 85 in these areas would disqualify a student from honor roll consideration, regardless of the rest of his or her grades.

### **Career Pathways**

In the following sections you will see career pathway clusters. Once you identify an area of interest you should utilize the table to identify courses that will best prepare you for a job-ready or post-secondary future. Please make sure you closely look at the areas, focusing on an area of interest and concentrating on it will help to give you the best potential for future success in the field you desire.



## **WAHS CAREER COURSE PLANNING GUIDES**

Over the next few pages you will have the opportunity to see a number of different career pathways that are available within society for students. These pathways are in the areas of:

- Arts & Communication**
- Business & IT**
- Human Services**
- Industrial Technology**
- Science, Technology, Engineering & Math (STEM)**

Each one of these pathways has specific programs designed for students based on some of their possible career or post-secondary plans. Please make sure you look at these educational plans closely so you can help us to set up your child for the best chance at future success whether it be at a job or pursuing higher education.

## WAHS CAREER CLUSTERS

PATH	CLUSTER	DESCRIPTION	PATHWAYS
<b>ARTS &amp; COMMUNICATION PATHWAY</b>	<p><b>1 – Advertising and Commercial Art (CTE Program)</b></p> <p>2-Visual Arts</p> <p>3-Performing Arts/Drama</p> <p>4-Performing Arts/Music</p>	<p>Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and entertainment services.</p>	<p>Illustrator, Digital Design, Photographer, and Advertising Design</p> <p>Glass Artist, Court Artist, Art Restorer, Ceramic Artist, Art Educator, Gallery Manager, Artisan, Freelance Designer</p> <p>Video Manager, News Broadcaster, Actor/Actress</p> <p>Musician, Music Director, Sound Technician</p>
<b>BUSINESS</b>	<p><b>1-Accounting</b></p>	<p>Accounting careers encompass, planning, organizing, directing and evaluating business functions essential to efficient and productive business operations.</p>	<p>Banking, Auditor, Accountant, Financial Planning, Marketing, Management, Payroll, and Sales</p>

<b>HUMAN SERVICES PATHWAY</b>	<b>1-Culinary Arts</b>	Culinary Arts encompasses the management, marketing, and operations of restaurants and other food services	Executive Chef, Line cook, Sous Chef, Pastry Chef, and General Food Service
	<b>2- Health Professions</b>	Planning, managing, and providing therapeutic services, diagnostic services, health information and support services.	Home Care Aide, Nurse Assistant, CNA, RN, Physician Assistant, and other related careers
	<b>3-Early Childhood Education</b>	Preparing individuals for employment in career pathways that relate to families and human needs.	Day-Care Employee, Pre-School Employee, Teachers, Teacher’s Aide, School Counselor
	<b>4-Homeland Security</b>	Preparing individuals for employment in career pathways that relate to law enforcement, fire rescue, and emergency response.	Military, law enforcement, fire fighter, rescue, security, emergency response
<b>INDUSTRIAL TECHNOLOGY PATHWAY</b>	<b>1-Construction Trades</b>	Careers in designing, planning, managing, building and maintaining the built environment.	Plumber, Electrician, Carpenter, HVAC, Masonry, Construction Management, and Architecture
	<b>2-Automotive Technology</b>	Planning, management, and movement of people, materials, and goods by roads, and related professional technical support services.	Automotive and Diesel Technician. Automotive Engineer.
	<b>3-Precision Machining</b>	Planning, managing and performing the processing of materials into intermediate or final products and related technical support activities.	Machinist, Tool and Die maker, Machine Operator, Machine Mechanic, Set-up Technician, Manufacturing Engineer, CNC Machinist
	<b>4-Welding</b>	Planning, managing and performing the processing of materials into intermediate or final products and related technical support activities.	Welder, Welder Assistant, Manufacturing, Machinist, Process Engineering.

<b>STEM</b>	<b>1-Biotechnology</b>	Planning, management, and providing scientific research and professional and technical services (e.g. physical science, social science, and engineering) including laboratory and testing services, and research and development services	Laboratory Assistant, Radiologist, Pharmacy Technician, Pharmacist, Physician
	<b>2-Engineering/Robotics</b>		Robotics, Different Engineering Disciplines (electrical, mechanical, etc.)
	<b>3. Computer Information Technology (CIT)</b>	Building linkages in IT occupations. Framework: for entry level, technical and professional careers related to the design, development, support, and management of hardware, software, multimedia, and systems integration services.	Software/Computer Engineer, Programmer, Repair, Networking, and Systems Analyst

# Arts and Communications (AC) Pathway

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

## Pathways Focus Areas

Performing Arts (PA)	Visual Arts (VA)	Publishing Arts (PU)
<p><b>Are you interested in ...</b></p> <ul style="list-style-type: none"> <li>Making Visual Art</li> <li>News reporting and writing</li> <li>Interviewing and reviewing</li> <li>Multi-media</li> <li>Acting</li> <li>Radio, TV, Film, Video</li> <li>Performing in a band, chorus</li> <li>Attending concerts</li> <li>Fashion</li> <li>Decorating</li> <li>Photography</li> <li>Art shows</li> </ul>	<p><b>Can you...</b></p> <ul style="list-style-type: none"> <li>Sketch, Draw</li> <li>Paint, Sculpt, Print</li> <li>Sing</li> <li>Play an instrument</li> <li>Create and develop new ideas</li> <li>Express thoughts visually</li> <li>Act</li> <li>Articulate clearly</li> <li>Write and conduct interviews</li> <li>Meet deadlines</li> <li>Sell</li> <li>Write</li> </ul>	<p><b>Do you enjoy...</b></p> <ul style="list-style-type: none"> <li>Making videos</li> <li>Working with film props</li> <li>Seeking creative ideas</li> <li>Working with sound effects</li> <li>Performing in front of a live audience</li> <li>Working with computers</li> <li>Working with illustrations</li> <li>Developing creative solutions</li> </ul>

If you answered “yes” to most of these questions, you might consider a future in one of the same occupations listed below based on their level of post-secondary training.

## Sample Careers

Entry (OJT)	Technical/Skilled (1-3 yrs)	Professional (4 + yrs)
<ul style="list-style-type: none"> <li>Model (PA)</li> <li>Radio Operator (PA)</li> <li>Stage Hand (PA)</li> <li>Stunt Performer (PA)</li> <li>Floral Designer (VA)</li> <li>Florist (VA)</li> <li>Projectionist (VA)</li> <li>Sound Technician (VA)</li> <li>Desktop Publisher (PU)</li> <li>Circulation (PU)</li> <li>Copy Person (PU)</li> <li>Newsroom Worker (PU)</li> <li>Set Designer (PA)</li> <li>Gallery Assistant</li> <li>Studio Assistant</li> <li>Potter</li> <li>Jeweler (VA)</li> <li>Music Retail</li> </ul>	<ul style="list-style-type: none"> <li>Actor (PA)</li> <li>Book Illustrator (PA)</li> <li>Choreographer (PA)</li> <li>Dancer (PA)</li> <li>Disc jockey (PA)</li> <li>Musician (PA)</li> <li>Talent Agent (PA)</li> <li>Animator (VA)</li> <li>Artist (VA)</li> <li>Broadcast Technician (VA)</li> <li>Camera Technician (VA)</li> <li>Gallery Director</li> <li>Make-up Artist (VA)</li> <li>Photographer (VA)</li> <li>Recording Engineer (VA)</li> <li>Video Manager (VA)</li> <li>Computer Graphic Artist (VA,PA)</li> <li>Web Designer (PU)</li> <li>Textile Designer/Stylist (VA)</li> <li>Furniture Designer (VA)</li> <li>Billboard and Sign Artist (PU)</li> <li>Glass Artist</li> <li>Court Artist</li> </ul>	<ul style="list-style-type: none"> <li>Art or Music Teacher (PA VA)</li> <li>Cinematographer (PA)</li> <li>Composer (PA)</li> <li>Film Editor (PA)</li> <li>Music Critic (PA)</li> <li>Music Director (PA)</li> <li>News Broadcaster (PA)</li> <li>Curator (VA)</li> <li>Advertising Creator (VA)</li> <li>Art Director (VA)</li> <li>Industrial Designer (VA)</li> <li>Copy Writer (PU)</li> <li>Telecommunications (PU)</li> <li>Writer (PU)</li> <li>Art Historian (VA)</li> <li>Art Restorer (VA)</li> <li>Illustrator (VA)</li> <li>Fashion or Interior Designer (VA)</li> <li>College Art Professor</li> <li>Interior Designer</li> <li>Gallery Owner</li> <li>Museum Educator</li> <li>Ceramic Artist</li> </ul>

# Arts & Communication Pathway- Advertising & Commercial Art

Possible Careers: Illustrator, Digital Design, Photographer, and Advertising Design

Arts & Communication Pathway: Advertising & Commercial Art

FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
<b>English (1 Credit)</b>	<b>English (1 Credit)</b>	<b>English (1 Credit)</b>	<b>English (1 Credit)</b>
Choose appropriate English courses for graduation requirement. 4 Courses needed 9-12 grade.			
Intro to Lit/Comp I English 9 H	Intro to Lit/Comp II English 10 H	American Lit/Comp I English 11 H AP English 11 Journalism (elective)	Choose course based on requirement and interest.
<b>Mathematics (1 Credit)</b>	<b>Mathematics (1 Credit)</b>	<b>Mathematics (1 Credit*)</b>	<b>Mathematics (1 Credit)</b>
Choose appropriate Math courses for graduation requirement. 4 Courses needed 9-12 grade.			
Algebra I Algebra II H Geometry H	Algebra II Geometry H Pre-Calc Trig H	Geometry Trigonometry Geometry H PCT 124 (.5)/125 (.5) Pre-Calc Trig H Calc I H(*if completed no more math required)	Choose course based on requirement and interest.
<b>Social Studies (1 Credit)</b>	<b>Social Studies (1 Credit)</b>	<b>Social Studies (1 Credit)</b>	<b>Social Studies (0/1 Credit)</b>
Choose appropriate Social Studies courses for graduation requirement. 3 or 4 Courses needed 9-12 grade. **See below			
US History US History H	Civics & Government Civics & Government H AP Government	Modern World History Modern World History H (PCT) AP European History AP US History	Choose course based on requirement and interest.
<b>Science (1 Credit)</b>	<b>Science (1 Credit)</b>	<b>Science (1 Credit)</b>	<b>Science (0/1 Credit)</b>
Choose appropriate Science courses for graduation requirement. 3 or 4 Courses needed 9-12 grade. **See below			
Biology Biology H	Integrated Science Chemistry H	Chemistry Physics I/I H	Choose course based on requirement and interest.
<b>Physical Education &amp; Health (1.5 Credits)</b>			
Choose appropriate PE & Health courses for graduation requirement. 3 Courses needed 9-12 grade.			
<b>Visual &amp; Advertising/Commercial Art Electives</b>			
See electives for your program of study			
Career Pathways (.5) (9 <sup>th</sup> grade Only) Intro to Vis Arts (.5) Painting (.5) / Drawing (.5) Intro Commercial Art (.5) Mindful Art (.5) Intro Photo Digital	L1 Commercial Art (CTE) (2cr) 2D Art Photography and Digital Media	L2 Commercial Art (CTE) (2cr) 2D Art Advanced 2D Art Intro to Industrial Design	L3 Commercial Art (CTE) (2cr) 2D Advanced 2D Art CTE Leadership Intro to Industrial Design AP 2D Studio Art
<b>World Language Electives</b>			
Choose appropriate World Language requirement for career path. Minimum 2 years for post-secondary.			
<b>Performing Arts Electives</b>			
Choose appropriate performing art requirement for career path.			

## Arts & Communication Pathway- Visual Arts

Possible Careers: Photographer, Painter, Artisan/Crafter, Ceramicist, Art Educator, Museum Curator

Arts & Communication Pathway: Visual Arts

FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
<b>English (1 Credit)</b>			
Choose appropriate English courses for graduation requirement. 4 Courses needed 9-12 grade.			
Intro to Lit/Comp I English 9 H	Intro to Lit/Comp II English 10 H	American Lit/Comp I English 11 H AP English 11	Choose course based on requirement and interest.
<b>Mathematics (1 Credit)</b>			
Choose appropriate Math courses for graduation requirement. 4 Courses needed 9-12 grade.			
Algebra I Algebra II H Geometry H	Algebra II Geometry H Pre-Calc Trig H	Geometry Trigonometry Geometry H PCT 124 (.5)/125 (.5) Pre-Calc Trig H Calc I H(*if completed no more math required)	Choose course based on requirement and interest.
<b>Social Studies (1 Credit)</b>			
Choose appropriate Social Studies courses for graduation requirement. 3 or 4 Courses needed 9-12 grade. **See below			
US History US History H	Civics & Government Civics & Government H AP Government	Modern World History Modern World History H (PCT) AP European History AP US History	Choose course based on requirement and interest.
<b>Science (1 Credit)</b>			
Choose appropriate Science courses for graduation requirement. 3 or 4 Courses needed 9-12 grade. **See below			
Biology Biology H	Integrated Science Chemistry H	Chemistry Physics I/I H	Choose course based on requirement and interest.
<b>Physical Education &amp; Health (1.5 Credits)</b>			
Choose appropriate PE & Health courses for graduation requirement. 3 Courses needed 9-12 grade.			
<b>Visual &amp; Advertising/Commercial Art Electives</b>			
See electives for your program of study			
Career Pathways (.5) (9 <sup>th</sup> grade Only) .5 credit art electives Intro to Sculpture... Intro to Photo/Digital Media	2D Visual Arts II Advanced 2D Visual Art Advanced Ceramics Advanced 3D Courses Advanced Digital Media	2D Visual Arts II Advanced 2D Visual Art Advanced Ceramics Advanced 3D Courses Advanced Digital Media	AP Studio Art 2D/3D Photo Digital Media IV Intro to Industrial Design
<b>World Language Electives</b>			
Choose appropriate World Language requirement for career path. Minimum 2 years for post-secondary.			
<b>Performing Arts Electives</b>			
Choose appropriate performing art requirement for career path.			

## Arts & Communication Pathway- Performing Arts/Drama

Possible Careers: Video Manager, News Broadcaster, Actor/Actress, and Other Performance Media careers

FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
<b>English (1 Credit)</b>			
Choose appropriate English courses for graduation requirement. 4 Courses needed 9-12 grade.			
Intro to Lit/Comp I English 9 H	Intro to Lit/Comp II English 10 H	American Lit/Comp I English 11 H AP English 11	Choose course based on requirement and interest.
<b>Mathematics (1 Credit)</b>			
Choose appropriate Math courses for graduation requirement. 4 Courses needed 9-12 grade.			
Algebra I Algebra II H Geometry H	Algebra II Geometry H Pre-Calc Trig H	Geometry Trigonometry Geometry H PCT 124 (.5)/125 (.5) Pre-Calc Trig H Calc I H(*if completed no more math required)	Choose course based on requirement and interest.
<b>Social Studies (1 Credit)</b>			
Choose appropriate Social Studies courses for graduation requirement. 3 or 4 Courses needed 9-12 grade. **See below			
US History US History H	Civics & Government Civics & Government H AP Government	Modern World History Modern World History H (PCT) AP European History AP US History	Choose course based on requirement and interest.
<b>Science (1 Credit)</b>			
Choose appropriate Science courses for graduation requirement. 3 or 4 Courses needed 9-12 grade. **See below			
Biology Biology H	Integrated Science Chemistry H	Chemistry Physics I/I H	Choose course based on requirement and interest.
<b>Physical Education &amp; Health (1.5 Credits)</b>			
Choose appropriate PE & Health courses for graduation requirement. 3 Courses needed 9-12 grade.			
<b>Visual &amp; Advertising/Commercial Art Electives</b>			
See electives for your program of study			
Career Pathways (.5) (9 <sup>th</sup> grade Only) Drama 1 Drama 2	Drama 1 Drama 2 Drama 3 Drama 4	Drama 3 Drama 4	Drama Studio
<b>World Language Electives</b>			
Choose appropriate World Language requirement for career path. Minimum 2 years for post-secondary.			
<b>Performing Arts Electives</b>			
Choose appropriate performing art requirement for career path.			



# Arts & Communication Pathway- Performing Arts/Music

Possible Careers: Musician, Music Director, Sound Technician, and Other music related careers

Arts & Communication Pathway: Performing Arts/Music

FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
<b>English (1 Credit)</b>	<b>English (1 Credit)</b>	<b>English (1 Credit)</b>	<b>English (1 Credit)</b>
Choose appropriate English courses for graduation requirement. 4 Courses needed 9-12 grade.			
Intro to Lit/Comp I English 9 H	Intro to Lit/Comp II English 10 H	American Lit/Comp I English 11 H AP English 11	Choose course based on requirement and interest.
<b>Mathematics (1 Credit)</b>	<b>Mathematics (1 Credit)</b>	<b>Mathematics (1 Credit*)</b>	<b>Mathematics (1 Credit)</b>
Choose appropriate Math courses for graduation requirement. 4 Courses needed 9-12 grade.			
Algebra I Algebra II H Geometry H	Algebra II Geometry H Pre-Calc Trig H	Geometry Trigonometry Geometry H PCT 124 (.5)/125 (.5) Pre-Calc Trig H Calc I H(*if completed no more math required)	Choose course based on requirement and interest.
<b>Social Studies (1 Credit)</b>	<b>Social Studies (1 Credit)</b>	<b>Social Studies (1 Credit)</b>	<b>Social Studies (0/1 Credit)</b>
Choose appropriate Social Studies courses for graduation requirement. 3 or 4 Courses needed 9-12 grade. **See below			
US History US History H	Civics & Government Civics & Government H AP Government	Modern World History Modern World History H (PCT) AP European History AP US History	Choose course based on requirement and interest.
<b>Science (1 Credit)</b>	<b>Science (1 Credit)</b>	<b>Science (1 Credit)</b>	<b>Science (0/1 Credit)</b>
Choose appropriate Science courses for graduation requirement. 3 or 4 Courses needed 9-12 grade. **See below			
Biology Biology H	Integrated Science Chemistry H	Chemistry Physics I/I H	Choose course based on requirement and interest.
<b>Physical Education &amp; Health (1.5 Credits)</b>			
Choose appropriate PE & Health courses for graduation requirement. 3 Courses needed 9-12 grade.			
<b>Performing Arts/Music Selections</b>			
See electives for your program of study			
Freshman Band (1cr) Freshman Chorale (1cr) Freshman Orchestra (1cr) Concert Chorale (9th) (1cr) Basic String Technique (.50cr) Wind, Brass & Percussion (.50cr) Symphonic Band (1cr) Symphony Orchestra (1cr) Wind Ensemble (1cr) PF MUS Band/Chorus (1cr) PF MUS Orchestra/Chorus (1cr) Jazz, Rock, Contemporary Music (.50cr) Guitar (.50cr) Music Mogul (.50cr) Piano (.50cr)	Concert Chorale (10th) (1cr) AP Music Theory (1cr) Symphony Orchestra (1cr) Concert Orchestra (1cr) Women's Choir (1cr) Men's Choir (1cr) Basic String Technique (.50cr) PF MUS Orchestra/Chorus (1cr) PF MUS Band/Chorus (1cr) Jazz, Rock, Contemporary Music (.50cr) Guitar (.50cr) Wind, Brass & Percussion (.50cr) Music Mogul (.50cr) Piano (.50cr)	Concert Chorale (11th) (1cr) AP Music Theory (1cr) Symphony Orchestra (1cr) Concert Orchestra (1cr) Women's Choir (1cr) Men's Choir (1cr) Basic String Technique (.50cr) PF MUS Orchestra/Chorus (1cr) PF MUS Band/Chorus (1cr) Jazz, Rock, Contemporary Music Guitar (.50cr) Wind, Brass & Percussion (.50cr) Music Mogul (.50cr) Piano (.50cr)	Concert Chorale (12th) (1cr) AP Music Theory (1cr) Symphony Orchestra (1cr) Concert Orchestra (1cr) Women's Choir (1cr) Men's Choir (1cr) Basic String Technique (.50cr) PF MUS Orchestra/Chorus (1cr) PF MUS Band/Chorus (1cr) Jazz, Rock, Contemporary Music Guitar (.50cr) Wind, Brass & Percussion (.50cr) Music Mogul (.50cr) Piano (.50cr)
<b>World Language Electives</b>			
Choose appropriate World Language requirement for career path. Minimum 2 years for post-secondary.			
<b>Career Exploration Requirement</b>			
Career Pathways (.5)			

# Business Pathway

This pathway is designed to prepare students in the world of business, finance and information services.

## Pathways Focus Areas

Marketing & Sales	Information Technology	Finance Business Management
<p><b>Are you interested in ...</b></p> <ul style="list-style-type: none"> <li>Owning your own business</li> <li>A business environment</li> <li>Office management</li> <li>Sales</li> <li>Computers and technology</li> <li>Presentations to groups</li> <li>Telecommunications</li> <li>Advertising</li> <li>Different work sites</li> <li>Insurance</li> <li>Record keeping</li> </ul>	<p><b>Can you...</b></p> <ul style="list-style-type: none"> <li>Work easily with others? Organize your time efficiently?</li> <li>Work with statistics?</li> <li>Use computers and other technology?</li> <li>Pay attention to details</li> <li>Solve problems?</li> <li>Work Independently?</li> <li>Show initiative?</li> <li>Work on a team?</li> </ul>	<p><b>Do you enjoy...</b></p> <ul style="list-style-type: none"> <li>Meeting with groups Making budgets</li> <li>Organizing a project Planning an event</li> <li>Working with technology</li> <li>Selling products and services Processing numbers and figures</li> <li>Following directions</li> <li>Learning new software programs</li> </ul>

If you answered “yes” to most of these questions, you might consider a future in one of the same occupations listed below based on their level of post-secondary training.

## Sample Careers

<p><b>Entry (OJT)</b></p> <ul style="list-style-type: none"> <li>Customer Service Representative</li> <li>Reservation/Travel Agent</li> <li>Telemarketer</li> <li>Book Keeper</li> <li>Cashier</li> <li>Payroll Clerk</li> <li>Title Searcher</li> <li>Computer Operator</li> <li>Accounts payable clerk</li> <li>Administrative Assistant</li> <li>Bank Teller</li> <li>File Clerk</li> <li>Retail Sales Clerk</li> <li>School Secretary</li> </ul>	<p><b>Technical/Skilled (1-3 yrs)</b></p> <ul style="list-style-type: none"> <li>Computer Salesperson</li> <li>Retail Buyer</li> <li>Bank Collection Officer</li> <li>Tax Preparer</li> <li>Claims Adjuster</li> <li>Software Engineer</li> <li>Computer Programmer</li> <li>Production Support Analyst</li> <li>Desktop Publisher</li> <li>Legal Secretary</li> <li>Medical Secretary</li> <li>Paralegal</li> <li>Real Estate Agent</li> <li>Restaurant Manager</li> <li>Sales Representative</li> </ul>	<p><b>Professional (4 + yrs)</b></p> <ul style="list-style-type: none"> <li>Marketing Manager</li> <li>Auditors</li> <li>Certified Public Accountant</li> <li>Economist</li> <li>Financial Planner</li> <li>Tax Examiner</li> <li>E-Commerce Analyst</li> <li>Operations Analyst</li> <li>Systems Analyst</li> <li>Hospital Administrator</li> <li>Human Resources Manager</li> <li>Chief Executive Officer</li> <li>Manufacturing Sales Representative</li> <li>Bank President</li> </ul>
--	---	--

## Business Pathway- Business Administration

Possible Careers: Administrative Assistant, Banking, Marketing, Management, and Sales

FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
<b>English (1 Credit)</b>	<b>English (1 Credit)</b>	<b>English (1 Credit)</b>	<b>English (1 Credit)</b>
Choose appropriate English courses for graduation requirement. 4 Courses needed 9-12 grade.			
Intro to Lit/Comp I English 9 H	Intro to Lit/Comp II English 10 H	American Lit/Comp I English 11 H AP English 11	Choose course based on requirement and interest.
<b>Mathematics (1 Credit)</b>	<b>Mathematics (1 Credit)</b>	<b>Mathematics (1 Credit*)</b>	<b>Mathematics (1 Credit)</b>
Choose appropriate Math courses for graduation requirement. 4 Courses needed 9-12 grade.			
Algebra I Algebra II H Geometry H	Algebra II Geometry H Pre-Calc Trig H	Geometry Trigonometry Geometry H PCT 124 (.5)/125 (.5) Pre-Calc Trig H Calc I H (*if completed no more math required)	Choose course based on requirement and interest.
<b>Social Studies (1 Credit)</b>	<b>Social Studies (1 Credit)</b>	<b>Social Studies (1 Credit)</b>	<b>Social Studies (0/1 Credit)</b>
Choose appropriate Social Studies courses for graduation requirement. 3 or 4 Courses needed 9-12 grade. **See below			
US History US History H	Civics & Government Civics & Government H AP Government	Modern World History Modern World History H (PCT) AP European History AP US History	Choose course based on requirement and interest.
<b>Science (1 Credit)</b>	<b>Science (1 Credit)</b>	<b>Science (1 Credit)</b>	<b>Science (0/1 Credit)</b>
Choose appropriate Science courses for graduation requirement. 3 or 4 Courses needed 9-12 grade. **See below			
Biology Biology H	Integrated Science Chemistry H	Chemistry Physics I/I H	Choose course based on requirement and interest.
<b>Physical Education &amp; Health (1.5 Credits)</b>			
Choose appropriate PE & Health courses for graduation requirement. 3 Courses needed 9-12 grade.			
<b>Business Administration Courses</b>			
See electives for your program of study			
Career Pathways (.5) (9 <sup>th</sup> grade Only)	Computer Apps I (.5) Computer Apps II (.5)	Business Management I Accounting I	Business Law (.5) Business Management II Personal Communication CTE Leadership
<b>Business Administration Electives</b>			
	Intro to Business (.5)	Personal Finance (.5)	Personal Finance (.5)
<b>World Language Electives</b>			
Choose appropriate World Language requirement for career path. Minimum 2 years for post-secondary.			
<b>Performing Arts Electives</b>			
Choose appropriate performing art requirement for career path.			

## Business Pathway- Accounting

Possible Careers: Banking, Auditor, Accountant, Financial Planning, and Payroll

Business Pathway: Accounting

FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
<b>English (1 Credit)</b>			
Choose appropriate English courses for graduation requirement. 4 Courses needed 9-12 grade.			
Intro to Lit/Comp I English 9 H	Intro to Lit/Comp II English 10 H	American Lit/Comp I English 11 H AP English 11	Choose course based on requirement and interest.
<b>Mathematics (1 Credit)</b>			
Choose appropriate Math courses for graduation requirement. 4 Courses needed 9-12 grade.			
Algebra I Algebra II H Geometry H	Algebra II Geometry H Pre-Calc Trig H	Geometry Trigonometry Geometry H PCT 124 (.5)/125 (.5) Pre-Calc Trig H Calc I H(*if completed no more math required)	Choose course based on requirement and interest.
<b>Social Studies (1 Credit)</b>			
Choose appropriate Social Studies courses for graduation requirement. 3 or 4 Courses needed 9-12 grade. **See below			
US History US History H	Civics & Government Civics & Government H AP Government	Modern World History Modern World History H (PCT) AP European History AP US History	Choose course based on requirement and interest.
<b>Science (1 Credit)</b>			
Choose appropriate Science courses for graduation requirement. 3 or 4 Courses needed 9-12 grade. **See below			
Biology Biology H	Integrated Science Chemistry H	Chemistry Physics I/I H	Choose course based on requirement and interest.
<b>Physical Education &amp; Health (1.5 Credits)</b>			
Choose appropriate PE & Health courses for graduation requirement. 3 Courses needed 9-12 grade.			
<b>Business Accounting Courses</b>			
See electives for your program of study			
Career Pathways (.5) (9 <sup>th</sup> grade Only)	Accounting I	Advanced Accounting	Managerial Accounting CTE Leadership
<b>Business Accounting Electives</b>			
	Intro to Business (.5) Computer Apps I (.5) Computer Apps II (.5) Accounting I	Personal Finance (.5) Advanced Accounting	Personal Finance (.5) Business Law (.5) Managerial Accounting
<b>World Language Electives</b>			
Choose appropriate World Language requirement for career path. Minimum 2 years for post-secondary.			
<b>Performing Arts Electives</b>			

# Human Services (HS) Pathway

This pathway is designed to cultivate students' interests skills and experiences for employment in careers related to family and human needs.

## Pathways Focus Areas

**Counseling, Personal Care, Health**

**Education**

**Law, Public Safety and Government**

**Hospitality and Tourism**

**Are you interested in ...**

Owning your own Business  
Family and social services  
Working with people  
Aging adults  
Child development  
Food preparation  
Teaching  
Counseling

**Can you...**

Apply science and math to the real world  
Organize well  
Plan and direct programs  
Be creative  
Communicate well  
Assume leadership  
Work with a team  
Use interpersonal skills  
Be conscientious and dependable  
Plan budgets

**Do you enjoy...**

Communicate services  
Helping and protecting others  
Working with people  
Counseling and advising people  
Serving others' needs  
Interviewing people  
Selling products or services  
Handling customer complaints  
Searching for answers to human Problems

If you answered "yes" to most of these questions, you might consider a future in one of the same occupations listed below based on their level of post-secondary training.

## Sample Careers

**Entry (OJT)**

Patient Care Technician  
Dialysis Technician  
Home Health Aide  
Physical Therapy Aide  
Animal Caretaker  
Extension Services Worker  
Child Care  
Home Health Aide  
Library Assistant  
Armed Services Career  
Bailiff  
Postal Services Worker  
Security Guard  
Utility Worker  
Aerobics Instructor  
Travel Agent

**Technical/Skilled (1-3 yrs)**

Certified Nursing Assistant  
Pharmacy Assistant  
Barber  
Cosmetologist  
Designer  
Manicurist  
Massage Therapist  
Mortician  
Truck Driver  
Teacher's Aid  
Armed Services Career  
Crime Laboratory Technician  
Medical Laboratory Technician  
Fire Fighter  
Flight Attendant  
Surgical Technologist  
Personal Trainer  
Licensed Practical Nurse (LPN)  
Dental Hygienist  
Occupational Therapy Assistant

**Professional (4 + yrs)**

Registered Nurse  
Dietician  
Funeral Director  
Marriage and Family Therapist  
College Professor  
Teacher  
Guidance Counselor  
Medical & Public Health Social Workers  
Psychologist  
Physician Assistant  
Criminologist  
FBI Agent  
Lawyer  
Parole Officer  
Paralegal  
Park Ranger  
Workforce Director  
Physical Therapist  
Executive Chef  
Family Planner  
Food Services Manager  
Hotel/Motel Management

## Human Services Pathway- Culinary Arts

Possible Careers: Executive Chef, Line cook, Sous Chef, Pastry Chef, and General Food Service

FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
<b>English (1 Credit)</b>			
Choose appropriate English courses for graduation requirement. 4 Courses needed 9-12 grade.			
Intro to Lit/Comp I English 9 H	Intro to Lit/Comp II English 10 H	American Lit/Comp I English 11 H AP English 11	Choose course based on requirement and interest.
<b>Mathematics (1 Credit)</b>			
Choose appropriate Math courses for graduation requirement. 4 Courses needed 9-12 grade.			
Algebra I Algebra II H Geometry H	Algebra II Geometry H Pre-Calc Trig H	Geometry Trigonometry Geometry H PCT 124 (.5)/125 (.5) Pre-Calc Trig H Calc I H (*if completed no more math required)	PCT 124 (.5)/125 (.5)  Choose course based on requirement and interest.
<b>Social Studies (1 Credit)</b>			
Choose appropriate Social Studies courses for graduation requirement. 3 or 4 Courses needed 9-12 grade. **See below			
US History US History H	Civics & Government Civics & Government H AP Government	Modern World History Modern World History H (PCT) AP European History AP US History	Choose course based on requirement and interest.
<b>Science (1 Credit)</b>			
Choose appropriate Science courses for graduation requirement. 3 or 4 Courses needed 9-12 grade. **See below			
Biology Biology H	Integrated Science Chemistry H	Chemistry Physics I/I H	Choose course based on requirement and interest.
<b>Physical Education &amp; Health (1.5 Credits)</b>			
Choose appropriate PE & Health courses for graduation requirement. 3 Courses needed 9-12 grade.			
<b>Culinary Arts Courses</b>			
See electives for your program of study			
Career Pathways (.5) (9 <sup>th</sup> grade Only)	L1 Culinary Arts (CTE) (2cr)	L2 Culinary Arts (CTE) (2cr) Business Management I	L3 Culinary Arts (CTE) (2cr) Business Management I CTE Leadership
<b>Culinary Arts Electives</b>			
	Intro to Business (.50) Accounting I	Personal Finance (.5) Intro to Business (.5)	Personal Finance (.5)
<b>World Language Electives</b>			
Choose appropriate World Language requirement for career path. Minimum 2 years for post-secondary.			
<b>Performing Arts Electives</b>			
Choose appropriate performing art requirement for career path.			

## Human Services Pathway- Health Professions

Possible Careers: Home Care Aide, Nurse Assistant, CNA, RN, Physician Assistant, and other related careers

FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
<b>English (1 Credit)</b>			
Choose appropriate English courses for graduation requirement. 4 Courses needed 9-12 grade.			
Intro to Lit/Comp I English 9 H	Intro to Lit/Comp II English 10 H	American Lit/Comp I English 11 H AP English 11	Choose course based on requirement and interest.
<b>Mathematics (1 Credit)</b>			
Choose appropriate Math courses for graduation requirement. 4 Courses needed 9-12 grade.			
Algebra I Algebra II H Geometry H	Algebra II Geometry H Pre-Calc Trig H	Geometry Trigonometry Geometry H PCT 124 (.5)/125 (.5) Pre-Calc Trig H Calc I H>(*if completed no more math required)	PCT 124 (.5)/125 (.5)  Choose course based on requirement and interest.
<b>Social Studies (1 Credit)</b>			
Choose appropriate Social Studies courses for graduation requirement. 3 or 4 Courses needed 9-12 grade. **See below			
US History US History H	Civics & Government Civics & Government H AP Government	Modern World History Modern World History H (PCT) AP European History AP US History	Choose course based on requirement and interest.
<b>Science (1 Credit)</b>			
Choose appropriate Science courses for graduation requirement. 3 or 4 Courses needed 9-12 grade. **See below			
Biology Biology H	Integrated Science Chemistry H	Chemistry Anatomy & Physiology Physics I/I H	AP Biology Anatomy & Physiology
<b>Physical Education &amp; Health (1.5 Credits)</b>			
Choose appropriate PE & Health courses for graduation requirement. 3 Courses needed 9-12 grade.			
<b>Health Professions Courses</b>			
See electives for your program of study			
Career Pathways (.5) (9 <sup>th</sup> grade Only)	L1 Health Professions (CTE) (2cr)	L2 Health Professions (CTE) (2cr) Anatomy & Physiology	L3 Health Professions (CTE) (2cr) Anatomy & Physiology CTE Leadership
<b>Health Professions Electives</b>			
	Intro to Business (.50)	Personal Finance (.5)	Personal Finance (.5)
<b>World Language Electives</b>			
Choose appropriate World Language requirement for career path. Minimum 2 years for post-secondary.			
<b>Performing Arts Electives</b>			
Choose appropriate performing art requirement for career path.			

## Human Services Pathway- Early Childhood Education

Possible Careers: Day-Care Employee, Pre-School Employee, Teachers, Teacher’s Aide, School Counselor

FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
<b>English (1 Credit)</b>			
Choose appropriate English courses for graduation requirement. 4 Courses needed 9-12 grade.			
Intro to Lit/Comp I English 9 H	Intro to Lit/Comp II English 10 H	American Lit/Comp I English 11 H AP English 11	Choose course based on requirement and interest.
<b>Mathematics (1 Credit)</b>			
Choose appropriate Math courses for graduation requirement. 4 Courses needed 9-12 grade.			
Algebra I Algebra II H Geometry H	Algebra II Geometry H Pre-Calc Trig H	Geometry Trigonometry Geometry H PCT 124 (.5)/125 (.5) Pre-Calc Trig H Calc I H(*if completed no more math required)	PCT 124 (.5)/125 (.5)  Choose course based on requirement and interest.
<b>Social Studies (1 Credit)</b>			
Choose appropriate Social Studies courses for graduation requirement. 3 or 4 Courses needed 9-12 grade. **See below			
US History US History H	Civics & Government Civics & Government H AP Government	Modern World History Modern World History H (PCT) AP European History AP US History	Choose course based on requirement and interest.
<b>Science (1 Credit)</b>			
Choose appropriate Science courses for graduation requirement. 3 or 4 Courses needed 9-12 grade. **See below			
Biology Biology H	Integrated Science Chemistry H	Chemistry Anatomy & Physiology Physics I/I H	AP Biology
<b>Physical Education &amp; Health (1.5 Credits)</b>			
Choose appropriate PE & Health courses for graduation requirement. 3 Courses needed 9-12 grade.			
<b>Health Profession Courses</b>			
See electives for your program of study			
Career Pathways (.5) (9 <sup>th</sup> grade Only)	L1 ECE (CTE) (2cr)	L2 ECE (CTE) (2cr) Psychology/Sociology	L3 ECE (CTE) (2cr) Psychology/Sociology CTE Leadership
<b>Health Profession Electives</b>			
	Intro to Business (.50) Accounting I	Personal Finance (.5)	Personal Finance (.5) Business Management I
<b>World Language Electives</b>			
Choose appropriate World Language requirement for career path. Minimum 2 years for post-secondary.			
<b>Performing Arts Electives</b>			
Choose appropriate performing art requirement for career path.			



## Human Services Pathway- Homeland Security

Possible Careers: Emergency Services, Law Enforcement, Fire Fighting

FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
<b>English (1 Credit)</b>			
Choose appropriate English courses for graduation requirement. 4 Courses needed 9-12 grade.			
Intro to Lit/Comp I English 9 H	Intro to Lit/Comp II English 10 H	American Lit/Comp I English 11 H AP English 11	Choose course based on requirement and interest.
<b>Mathematics (1 Credit)</b>			
Choose appropriate Math courses for graduation requirement. 4 Courses needed 9-12 grade.			
Algebra I Algebra II H Geometry H	Algebra II Geometry H Pre-Calc Trig H	Geometry Trigonometry Geometry H PCT 124 (.5)/125 (.5) Pre-Calc Trig H Calc I H(*if completed no more math required)	PCT 124 (.5)/125 (.5)  Choose course based on requirement and interest.
<b>Social Studies (1 Credit)</b>			
Choose appropriate Social Studies courses for graduation requirement. 3 or 4 Courses needed 9-12 grade. **See below			
US History US History H	Civics & Government Civics & Government H AP Government	Modern World History Modern World History H (PCT) AP European History AP US History	Choose course based on requirement and interest.
<b>Science (1 Credit)</b>			
Choose appropriate Science courses for graduation requirement. 3 or 4 Courses needed 9-12 grade. **See below			
Biology Biology H	Integrated Science Chemistry H	Chemistry Anatomy & Physiology Physics I/I H	Choose course based on requirement and interest.
<b>Physical Education &amp; Health (1.5 Credits)</b>			
Choose appropriate PE & Health courses for graduation requirement. 3 Courses needed 9-12 grade.			
<b>Homeland Security Courses</b>			
See electives for your program of study			
Career Pathways (.5) (9 <sup>th</sup> grade Only)	L1 HLS (CTE) (2cr)	L2 HLS (CTE) (2cr) Psychology/Sociology	L3 HLS (CTE) (2cr) Psychology/Sociology CTE Leadership
<b>Homeland Security Electives</b>			
		Personal Finance (.5)	Personal Finance (.5)
<b>World Language Electives</b>			
Choose appropriate World Language requirement for career path. Minimum 2 years for post-secondary.			
<b>Performing Arts Electives</b>			
Choose appropriate performing art requirement for career path.			

# Industrial Technology (IT) Pathway

This pathway is designed to cultivate students' interests in the life, physical and behavioral sciences.

## Pathways Focus Areas

### Architecture & Construction

### Manufacturing & Engineering

### Transportation

#### Are you interested in ...

Tools, equipment and materials  
Buildings and construction  
Woodworking  
Nature and Plants  
Math & Science classes  
Precision work  
Design and architecture  
Engineering  
Computer technology  
Production management  
How things work

#### Can you...

Apply science and math to real world  
Read and understand directions  
Solve problems of a complex nature  
Understand directives and read maps  
Organize reports and people  
See a task through to completion  
Use a computer

#### Do you enjoy...

Travel  
Working with your hands  
Design/working with project, models, prototypes  
Working Outdoors  
Working with plants and nature  
Working in a lab setting  
Working on a team  
Building with your hands  
Operating tools and equipment  
Paying close attention to details

If you answered "yes" to most of these questions, you might consider a future in one of the same occupations listed below based on their level of post-secondary training.

## Sample Careers

#### Entry (OJT)

Drywall worker  
Roofer  
Machine Operator  
Freight Handler  
Laborer  
Warehouse Worker  
Florist  
Farming

#### Apprenticeships

Brick Mason  
Carpenter  
Welder  
Electrician  
HVAC  
Plumber  
Machinist  
Diesel Mechanic  
Surveyor  
Landscaping

#### Technical/Skilled (1-3 yrs)

Electric Technician  
Welder  
Metals Engineering Technician  
Auto Mechanic  
Carpenter  
Automation Technician  
Plant Materials Specialist  
Horticultural Therapist  
Environmental Resource Specialist  
Mason  
Diesel Mechanic  
Plumber  
Grader and Dozer Operator  
Motorcycle Mechanic  
CNC Machinist  
Draftsman  
Civil Engineering Technician  
Robotics Technician  
CAD/CAM Technician  
Electronic Technician

#### Professional (4 + yrs)

Industrial Engineer  
Mechanical Engineer  
Forestry  
Building Inspector  
Electromechanical Engineer  
Petroleum Engineer  
Navigator  
Electrical Engineer  
Aerospace Engineer  
Construction Management  
Civil Engineer  
Chemical Engineer  
Computer Network Engineer  
HVAC  
Transportation Engineer  
Landscape Architecture  
Landscape Engineering  
Urban Forestry  
Sports Grounds Specialist  
Manufacturing Engineer  
CNC Programmer

# Industrial Pathways- Construction Trades

Possible Careers: Construction Management. Electrician. Plumber. Carpenter. and HVAC

Industrial Pathways- Construction Trades

<b>FRESHMAN</b>	<b>SOPHOMORE</b>	<b>JUNIOR</b>	<b>SENIOR</b>
<b>English (1 Credit)</b>			
Choose appropriate English courses for graduation requirement. 4 Courses needed 9-12 grade.			
Intro to Lit/Comp I English 9 H	Intro to Lit/Comp II English 10 H	American Lit/Comp I English 11 H AP English 11	Choose course based on requirement and interest.
<b>Mathematics (1 Credit)</b>			
Choose appropriate Math courses for graduation requirement. 4 Courses needed 9-12 grade.			
Algebra I Algebra II H Geometry H	Algebra II Geometry H Pre-Calc Trig H	Geometry Trigonometry Geometry H PCT 124 (.5)/125 (.5) Pre-Calc Trig H Calc I H(*if completed no more math required)	PCT 124 (.5)/125 (.5)  Choose course based on requirement and interest.
<b>Social Studies (1 Credit)</b>			
Choose appropriate Social Studies courses for graduation requirement. 3 or 4 Courses needed 9-12 grade. **See below			
US History US History H	Civics & Government Civics & Government H AP Government	Modern World History Modern World History H (PCT) AP European History AP US History	Choose course based on requirement and interest.
<b>Science (1 Credit)</b>			
Choose appropriate Science courses for graduation requirement. 3 or 4 Courses needed 9-12 grade. **See below			
Biology Biology H	Integrated Science Chemistry H	Chemistry Physics I/IH	Choose course based on requirement and interest.
<b>Physical Education &amp; Health (1.5 Credits)</b>			
Choose appropriate PE & Health courses for graduation requirement. 3 Courses needed 9-12 grade.			
<b>Construction Trades Courses</b>			
See electives for your program of study			
Career Pathways (.5) (9 <sup>th</sup> grade Only)	PCT L1 Construction Trades (CTE) (2cr)	L2 Construction Trades (CTE) (2cr) PCT AutoCad	L3 Construction Trades (CTE) (2cr) PCT AutoCad CTE Leadership
<b>Construction Trades Electives</b>			
	Intro to Business (.50) Accounting I	Personal Finance (.5)	Personal Finance (.5)
<b>World Language Electives</b>			
Choose appropriate World Language requirement for career path. Minimum 2 years for post-secondary.			
<b>Performing Arts Electives</b>			
Choose appropriate performing art requirement for career path.			

# Industrial Pathway- Automotive Technology

Possible Careers: Auto mechanic, Diesel Mechanic, Motorcycle Mechanic, and other related auto careers

Industrial Pathway- Automotive Technology

FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
<b>English (1 Credit)</b>			
Choose appropriate English courses for graduation requirement. 4 Courses needed 9-12 grade.			
Intro to Lit/Comp I English 9 H	Intro to Lit/Comp II English 10 H	American Lit/Comp I English 11 H AP English 11	Choose course based on requirement and interest.
<b>Mathematics (1 Credit)</b>			
Choose appropriate Math courses for graduation requirement. 4 Courses needed 9-12 grade.			
Algebra I Algebra II H Geometry H	Algebra II Geometry H Pre-Calc Trig H	Geometry Trigonometry Geometry H PCT 124 (.5)/125 (.5) Pre-Calc Trig H Calc I H(*if completed no more math required)	PCT 124 (.5)/125 (.5)  Choose course based on requirement and interest.
<b>Social Studies (1 Credit)</b>			
Choose appropriate Social Studies courses for graduation requirement. 3 or 4 Courses needed 9-12 grade. **See below			
US History US History H	Civics & Government Civics & Government H AP Government	Modern World History Modern World History H (PCT) AP European History AP US History	Choose course based on requirement and interest.
<b>Science (1 Credit)</b>			
Choose appropriate Science courses for graduation requirement. 3 or 4 Courses needed 9-12 grade. **See below			
Biology Biology H	Integrated Science Chemistry H	Chemistry Physics I/I H	Choose course based on requirement and interest.
<b>Physical Education &amp; Health (1.5 Credits)</b>			
Choose appropriate PE & Health courses for graduation requirement. 3 Courses needed 9-12 grade.			
<b>Automotive Courses</b>			
See electives for your program of study			
Career Pathways (.5) (9 <sup>th</sup> grade Only)	L1 Automotive (CTE) (2cr)	L2 Automotive (CTE) (2cr) Business Management	L3 Automotive (CTE) (2cr) Business Management CTE Leadership
<b>Automotive Electives</b>			
	Intro to Business (.50)	Personal Finance (.5)	Personal Finance (.5)
<b>World Language Electives</b>			
Choose appropriate World Language requirement for career path. Minimum 2 years for post-secondary.			

## Industrial Pathway- Precision Machining

Possible Careers: Machinist, Industrial Engineer, Tool and Die Maker, and Machinery Mechanic

FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
<b>English (1 Credit)</b>			
Choose appropriate English courses for graduation requirement. 4 Courses needed 9-12 grade.			
Intro to Lit/Comp I English 9 H	Intro to Lit/Comp II English 10 H	American Lit/Comp I English 11 H AP English 11	Choose course based on requirement and interest.
<b>Mathematics (1 Credit)</b>			
Choose appropriate Math courses for graduation requirement. 4 Courses needed 9-12 grade.			
Algebra I Algebra II H Geometry H	Algebra II Geometry H Pre-Calc Trig H	Geometry Trigonometry Geometry H PCT 124 (.5)/125 (.5) Pre-Calc Trig H Calc I H(*if completed no more math required)	PCT 124 (.5)/125 (.5)  Choose course based on requirement and interest.
<b>Social Studies (1 Credit)</b>			
Choose appropriate Social Studies courses for graduation requirement. 3 or 4 Courses needed 9-12 grade. **See below			
US History US History H	Civics & Government Civics & Government H AP Government	Modern World History Modern World History H (PCT) AP European History AP US History	Choose course based on requirement and interest.
<b>Science (1 Credit)</b>			
Choose appropriate Science courses for graduation requirement. 3 or 4 Courses needed 9-12 grade. **See below			
Biology Biology H	Integrated Science Chemistry H	Chemistry Physics I/I H	Choose course based on requirement and interest.
<b>Physical Education &amp; Health (1.5 Credits)</b>			
Choose appropriate PE & Health courses for graduation requirement. 3 Courses needed 9-12 grade.			
<b>Precision Machining Courses</b>			
See electives for your program of study			
Career Pathways (.5) (9 <sup>th</sup> grade Only) Intro to Precision Machining (.5)	L1 Precision Machining (CTE) (2cr)	L2 Precision Machining (CTE) (2cr) PCT AutoCad	L3 Precision Machining (CTE) (2cr) PCT AutoCad CTE Leadership
<b>Precision Machining Electives</b>			
	Intro to Business (.50)	Personal Finance (.5)	Personal Finance (.5)
<b>World Language Electives</b>			
Choose appropriate World Language requirement for career path. Minimum 2 years for post-secondary.			
<b>Performing Arts Electives</b>			
Choose appropriate performing art requirement for career path.			

## Industrial Pathway- **Welding**

Possible Careers: Welder’s Assistant, Welder.

<b>FRESHMAN</b>	<b>SOPHOMORE</b>	<b>JUNIOR</b>	<b>SENIOR</b>
<b>English (1 Credit)</b>			
Choose appropriate English courses for graduation requirement. 4 Courses needed 9-12 grade.			
Intro to Lit/Comp I English 9 H	Intro to Lit/Comp II English 10 H	American Lit/Comp I English 11 H AP English 11	Choose course based on requirement and interest.
<b>Mathematics (1 Credit)</b>			
Choose appropriate Math courses for graduation requirement. 4 Courses needed 9-12 grade.			
Algebra I Algebra II H Geometry H	Algebra II Geometry H Pre-Calc Trig H	Geometry Trigonometry Geometry H PCT 124 (.5)/125 (.5) Pre-Calc Trig H Calc I H(*if completed no more math required)	PCT 124 (.5)/125 (.5)  Choose course based on requirement and interest.
<b>Social Studies (1 Credit)</b>			
Choose appropriate Social Studies courses for graduation requirement. 3 or 4 Courses needed 9-12 grade. **See below			
US History US History H	Civics & Government Civics & Government H AP Government	Modern World History Modern World History H (PCT) AP European History AP US History	Choose course based on requirement and interest.
<b>Science (1 Credit)</b>			
Choose appropriate Science courses for graduation requirement. 3 or 4 Courses needed 9-12 grade. **See below			
Biology Biology H	Integrated Science Chemistry H	Chemistry Physics I/I H	Choose course based on requirement and interest.
<b>Physical Education &amp; Health (1.5 Credits)</b>			
Choose appropriate PE & Health courses for graduation requirement. 3 Courses needed 9-12 grade.			
<b>Welding Courses</b>			
See electives for your program of study			
Career Pathways (.5) (9 <sup>th</sup> grade Only) Intro to Precision Machining(.25)	PCT L1 Welding (CTE) (2cr)	PCT L2 Welding (CTE) (2cr) PCT AutoCad	PCT L3 Welding (CTE) (2cr) PCT AutoCad CTE Leadership
<b>Welding Electives</b>			
		Personal Finance (.5)	Personal Finance (.5)
<b>World Language Electives</b>			
Choose appropriate World Language requirement for career path. Minimum 2 years for post-secondary.			
<b>Performing Arts Electives</b>			
Choose appropriate performing art requirement for career path.			

# Science, Technology, Engineering, Mathematics (STEM) Pathway

This pathway is designed to cultivate students' interests in the life, physical and behavioral sciences.

## Pathways Focus Areas

### Science, Technology and Math

### Agriculture, Food and Natural Resources

Are you interested in ...	Can you...	Do you enjoy...
Science and medicine Medical research Environment and conservation Pharmacy Engineering Physical therapy Sports/fitness Information systems Conservation Radiology	Pay attention to detail Use a computer and technology Work in a lab setting or medical facility Apply a scientific theory to real life problems Work outdoors around animals and plants Collect and analyze data from experiments Work with people in need Work with science and math theories	Diagnosing and caring for sick animals Working outdoors with wildlife Solving problems Working on cutting-edge scientific research Working on a team Medical lab research Making a contribution to society Working with numbers Developing conclusion from a database

If you answered “yes” to most of these questions, you might consider a future in one of the same occupations listed below based on their level of post-secondary training.

## Sample Careers

Entry (OJT)	Technical/Skilled (1-3 yrs)	Professional (4 + yrs)
Animal Caretaker Extension Services Worker Farm Manager Food Conservation Worker Zoo Caretaker Hazardous Waste Technician Optician Laboratory Assistant Engineering Assistant Data Entry Computer Operations	Radiological Technician Pharmacy Technicians Respiratory Therapist Dental Lab Technician Fish and Game Worker Forest Conservationist Information Technology Nano Technician Sound Engineer Personal Trainer Emergency Medical Technician Laser Technician Air Traffic Controller Natural Science Technicians Mapping Technicians Computer Programming	Pharmacists Physician Sustainable Engineering Agronomist Geologist Marine Biologist Soil Conservationist Veterinarian Chemical Engineer Geneticist Statistician Zoologist Civil Engineer Astronaut Nuclear Engineer Petroleum Engineer NASA Scientist Physical Scientist Life Scientist Systems Analyst

# STEM Pathway- Biotechnology

Possible Careers: Laboratory Assistant, radiologist, pharmacy technician, pharmacist

STEM Pathway- Biotechnology

FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
<b>English (1 Credit)</b>	<b>English (1 Credit)</b>	<b>English (1 Credit)</b>	<b>English (1 Credit)</b>
Choose appropriate English courses for graduation requirement. 4 Courses needed 9-12 grade.			
Intro to Lit/Comp I English 9 H	Intro to Lit/Comp II English 10 H	American Lit/Comp I English 11 H AP English 11	Choose course based on requirement and interest.
<b>Mathematics (1 Credit)</b>	<b>Mathematics (1 Credit)</b>	<b>Mathematics (1 Credit*)</b>	<b>Mathematics (1 Credit)</b>
Choose appropriate Math courses for graduation requirement. 4 Courses needed 9-12 grade.			
Algebra I Algebra II H Geometry H	Algebra II Geometry H Pre-Calc Trig H	Geometry Trigonometry Geometry H PCT 124 (.5)/125 (.5) Pre-Calc Trig H Calc I H(*if completed no more math required)	PCT 124 (.5)/125 (.5)  Choose course based on requirement and interest.
<b>Social Studies (1 Credit)</b>	<b>Social Studies (1 Credit)</b>	<b>Social Studies (1 Credit)</b>	<b>Social Studies (0/1 Credit)</b>
Choose appropriate Social Studies courses for graduation requirement. 3 or 4 Courses needed 9-12 grade. **See below			
US History US History H	Civics & Government Civics & Government H AP Government	Modern World History Modern World History H (PCT) AP European History AP US History	Choose course based on requirement and interest. **Only 3 courses required for CTE Completer.
<b>Science (1 Credit)</b>	<b>Science (1 Credit)</b>	<b>Science (1 Credit)</b>	<b>Science (0/1 Credit)</b>
Choose appropriate Science courses for graduation requirement. 3 or 4 Courses needed 9-12 grade. **See below			
Biology Biology H	Integrated Science Chemistry H	Chemistry Anatomy & Physiology Physics I/I H	AP Biology AP Chemistry Anatomy & Physiology
<b>Physical Education &amp; Health (1.5 Credits)</b>			
Choose appropriate PE & Health courses for graduation requirement. 3 Courses needed 9-12 grade.			
<b>Biotechnology Courses</b>			
See electives for your program of study			
Career Pathways (.5) (9 <sup>th</sup> grade Only)	L1 Biotechnical (CTE) (2cr)	L2 Biotechnical (CTE) (2cr)	L3 Biotechnical(CTE) (2cr) CTE Leadership
<b>Biotechnology Electives</b>			
<b>World Language Electives</b>			
Choose appropriate World Language requirement for career path. Minimum 2 years for post-secondary.			



## STEM Pathway- Engineering/Robotics

Possible Careers: Robotics, Different Engineering Disciplines (electrical, mechanical, etc.)

FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
<b>English (1 Credit)</b>			
Choose appropriate English courses for graduation requirement. 4 Courses needed 9-12 grade.			
Intro to Lit/Comp I English 9 H	Intro to Lit/Comp II English 10 H	American Lit/Comp I English 11 H AP English 11	Choose course based on requirement and interest.
<b>Mathematics (1 Credit)</b>			
Choose appropriate Math courses for graduation requirement. 4 Courses needed 9-12 grade.			
Algebra I Algebra II H Geometry H	Algebra II Geometry H Pre-Calc Trig H	Geometry Trigonometry Geometry H PCT 124 (.5)/125 (.5) Pre-Calc Trig H Calc I H(*if completed no more math required)	PCT 124 (.5)/125 (.5)  Choose course based on requirement and interest.
<b>Social Studies (1 Credit)</b>			
Choose appropriate Social Studies courses for graduation requirement. 3 or 4 Courses needed 9-12 grade. **See below			
US History US History H	Civics & Government Civics & Government H AP Government	Modern World History Modern World History H (PCT) AP European History AP US History	Choose course based on requirement and interest. **Only 3 courses required for CTE Completer.
<b>Science (1 Credit)</b>			
Choose appropriate Science courses for graduation requirement. 3 or 4 Courses needed 9-12 grade. **See below			
Biology Biology H	Integrated Science Chemistry H	Chemistry Physics I/I H	Principles of Engineering Physics H AP Chem AP Physics Choose course based on requirement and interest.
<b>Physical Education &amp; Health (1.5 Credits)</b>			
Choose appropriate PE & Health courses for graduation requirement. 3 Courses needed 9-12 grade.			
<b>Engineering/Robotics Courses</b>			
See electives for your program of study			
Career Pathways (.5) (9 <sup>th</sup> grade Only) Intro to Engineering/Robotics (.5)	L1 Engineering (CTE) (2cr)	L2 Engineering (CTE) (2cr) PCT AutoCad	L3 Engineering (CTE) (2cr) PCT AutoCad CTE Leadership
<b>Engineering/Robotics Electives</b>			
<b>World Language Electives</b>			
Choose appropriate World Language requirement for career path. Minimum 2 years for post-secondary.			
<b>Performing Arts Electives</b>			

# STEM Pathway- Computer Information Technology

Possible Careers: Software/Computer Engineer, Programmer, Repair, Networking, and Systems Analyst

STEM Pathway: CIT

FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
<b>English (1 Credit)</b>			
Choose appropriate English courses for graduation requirement. 4 Courses needed 9-12 grade.			
Intro to Lit/Comp I English 9 H	Intro to Lit/Comp II English 10 H	American Lit/Comp I English 11 H AP English 11	Choose course based on requirement and interest.
<b>Mathematics (1 Credit)</b>			
Choose appropriate Math courses for graduation requirement. 4 Courses needed 9-12 grade.			
Algebra I Algebra II H Geometry H	Algebra II Geometry H Pre-Calc Trig H	Geometry Trigonometry Geometry H PCT 124 (.5)/125 (.5) Pre-Calc Trig H Calc I H(*if completed no more math required)	Choose course based on requirement and interest.
<b>Social Studies (1 Credit)</b>			
Choose appropriate Social Studies courses for graduation requirement. 3 or 4 Courses needed 9-12 grade. **See below			
US History US History H	Civics & Government Civics & Government H AP Government	Modern World History Modern World History H (PCT) AP European History AP US History	Choose course based on requirement and interest. **Only 3 courses required for CTE Completer.
<b>Science (1 Credit)</b>			
Choose appropriate Science courses for graduation requirement. 3 or 4 Courses needed 9-12 grade. **See below			
Biology Biology H	Integrated Science Chemistry H	Chemistry Physics I/I H	Choose course based on requirement and interest.
<b>Physical Education &amp; Health (1.5 Credits)</b>			
Choose appropriate PE & Health courses for graduation requirement. 3 Courses needed 9-12 grade.			
<b>CIT Courses</b>			
See electives for your program of study			
Career Pathways (.5) (9 <sup>th</sup> grade Only)	L1 CIT	L2 CIT	L3 CIT CTE Leadership
<b>CIT Electives</b>			
	Intro to Business (.5) Computer Apps I (.5) Computer Apps II (.5) Computer Programming	Personal Finance (.5) Business Management Computer Programming	Personal Finance (.5) Business Law (.5) Business Comm (.5) Business Management Computer Programming
<b>World Language Electives</b>			
Choose appropriate World Language requirement for career path. Minimum 2 years for post-secondary.			

## CLASS RANK

Class rank is a procedure by which the quality of a student's work is compared with that of his classmates. It is usually expressed as a fraction. For example, a class rank of 12/450 means that this student is twelfth from the top in a class of 450. At WAHS, class rank is calculated by using a formula which recognizes achievement, challenge and course load.

Achievement is determined by the final grade earned in each course. Challenge is determined by the "difficulty factor," a value assigned to each course to indicate its academic demands. The difficulty factor ranges from a high of 1.4 for Honors/1.45AP courses to 1.0 for those courses that are less demanding academically. Difficulty factors may be found in the listing of course titles, beginning on page 37. Course load is the total of all credits (courses), including summer school courses, attempted by the student.

A student may improve his class rank by improving his grades, by choosing courses with higher difficulty factors, or by taking more courses. Class rank is calculated at the end of each marking period, and is cumulative, that is, it includes all work done by the student since his entry into high school. Work completed in eighth grade does not count in the calculation of the WAHS class rank. Most colleges require class rank as a part of the admissions process.

### WAHS Credit-Bearing Opportunities and their Impact on Class Rank and GPA (November 15, 2005)

Type of Program or Opportunity	Fulfills Graduation Requirement	Used to Calculate GPA and Class Rank	Other Notes
Any Dual Enrollment Coursework Early or Middle College Coursework, whether taken for enrichment or to fulfill a Graduation Requirement	Yes	Yes (see Letter Grade Conversion Table)	
Approved College Course (or college-provided high school course) required for Graduation	Yes	Yes	Student attends the post-secondary experience on school time during the school year. Student/parent responsible for all costs incurred. The course undertaken is not part of our Dual Enrollment catalog.
Unapproved College Course (or college-provided high school course) taken for Enrichment, not to fulfill Graduation Requirement	No	No	Student/parent responsible for all costs incurred. Course is not part of the WAHS transcript, but will be a matter of record with the post-secondary institute, and would become part of their transcription process
Approved On-line Course to Satisfy Graduation Requirement.	Yes	Yes (see Letter Grade Conversion Table)	Student/parent responsible for all costs incurred. Potential remedy for schedule conflicts. WAHS must offer the course undertaken or its close equivalent in the course catalog. Course will appear as a WAHS transcript record.
Approved College-level Coursework taken either "live" at a college or on-line through an approved post-secondary provider because the student has "max-ed out" a WAHS curriculum through academic acceleration	Yes	Yes (see Letter Grade Conversion Table)	WASD is responsible for tuition only
Any high school level coursework undertaken at a middle school setting	Yes	No	
Any high school level coursework undertaken at the high school setting prior to 9 <sup>th</sup> grade	Yes	No	
Approved Blended Schools Recovery, Edgenuity learning, Coursework	Yes	Yes	Student/parent responsible for all costs incurred for credit-recovery coursework.
Approved Blended Schools, Edgenuity learning Grade-level Coursework	Yes	Yes	WASD is responsible for costs associated with this type of specialized, approved coursework.

# NCAA COURSE REGULATIONS

***Attention student athletes and parents:*** If participation in college athletics is a possible future consideration, it is important for you to read and understand the following information. If you have any questions about the academic standards, you should contact a high school counselor or call the NCAA eligibility hotline at (877) 262-1492.

In order to participate as a college freshman in Division I or II athletics, the NCAA Initial-Eligibility Clearinghouse must certify a student. Although a student does not begin the certification process before the end of the junior year in high school, he/she begins to meet the eligibility requirements in ninth grade with the courses selected and the grades achieved. Thus, course selection is extremely important.

To be certified by the Clearinghouse, you must:

1. **Graduate from high school.**
2. **Division I: The minimum grade-point average in the 16 core courses and required ACT or SAT score vary according to the Initial-Eligibility Index.** (See your high school counselor for more information) The minimum grade point average is based on a core curriculum from at least 16 academic courses, which were successfully completed during grades nine (9) through twelve (12). Only courses that satisfy the NCAA definition of a core course can be used to calculate the NCAA GPA. Williamsport Area High School courses meeting these requirements are listed on the next page. The following chart shows what core courses must be included at a minimum.
3. **Division II: Earn a grade-point average of at least a 2.0** from a core curriculum in at least 14 academic courses which were successfully completed during grades nine (9) through twelve (12). Only courses that satisfy the NCAA definition of a core course can be used to calculate the NCAA GPA. ***Williamsport Area High School courses meeting these requirements are listed throughout the catalog. The following chart shows what core courses must be included at a minimum.***

**NOTE: Must earn an ACT sum score of 68 or combined score, math & verbal of at least 820 on the SAT on a national test date.**

	Division I	Division II
English Core	4 years	3 years
Math Core (yr. of algebra <i>and</i> yr. of geometry)	3 years	2 years
Science Core (1 year with lab)	2 years	2 years
Social Studies Core	2 years	2 years
Additional Core courses from English, Math, or Science	1 year	2 years
Additional academic (Core) courses in any of the above (English, Math, Science, Social Studies) or world language, computer science, philosophy or non-doctrinal religion	4 years	3 years
<b>TOTAL CORE UNITS REQUIRED</b>	<b>16</b>	<b>14</b>

## Course Change Process

Circumstances under which a course change request might be granted once the school year begins are limited to:

- Lack of prerequisite or necessary academic requirement
- Scheduled for a course that has already been passed
- Scheduled for a repeated course with the same teacher (change must be made within the first week of school)
- Addendum to IEP
- Seniors meeting “Life Experiences” criteria within the one-week window to do so
- Students wishing to enrich their schedule, provided eligibility requirements are met
- Any accelerated student in 8th grade from one of the district’s middle schools undertaking a WHS course at the high school may drop the course and return to his/her middle school upon written parental request, and notification of the middle school principal involved.

Circumstances for a course to be considered for drop/add:

- teacher recommendation
- misplacement or prerequisite not met
- student seeks more challenging curricula

Process to complete a course change:

1. Student meets with the school counselor about the course and reviews the circumstances for a proposed course change
  - Identify the root cause of the problem that triggers the change request
  - Counselor gathers input from teachers impacted by proposed change before making final recommendation to administration
2. When students are opting out of higher-level courses, check that scaffolds/supports are provided prior to making a schedule change
3. Teacher/guidance contact parent for input on change – written note of a parent/guardian giving consent is required in order to initiate any change. Both Teachers (Dropped and Added) must sign and agree with change. If there is a disagreement the matter must be resolved or the request is denied.
4. Principal must approve or deny request. This will be based on teacher and counselor feedback. If necessary there may need to be further clarification concerning request.
5. Unless there is a unique circumstance that involves the wellbeing/safety of a student, course changes must be completed before interim progress reports of the first quarter of the course.
6. Waiting Period: After a student has met with their guidance counselor, there will be a two-day waiting period before a change will be made in order to contact all the necessary individuals. When possible the student will observe the course to which they are being added.

*Parental consent must be obtained in order to initiate the course change process. Provision of consent does not guarantee that the request will ultimately be granted*

## Course Descriptions

The information, on the following pages, serves to describe each of the courses offered at the high school and, where appropriate, additional pertinent facts have been listed on a subject-by-subject basis.

*The difficulty factor (D.F.) is a value assigned to each course to indicate its academic demands. Difficulty factors are used in calculating class rank. Class rank, in turn, compares the academic quality of a student's work to that of other classmates.*

### Course Requirements English Department

Four English courses are required, one at each grade level 9-12. Consult with present English teacher for guidance in selecting the proper course.

#### TYPICAL ENGLISH COURSE SEQUENCING

Year	Academic Sequence	Honors Sequence
9 <sup>th</sup> Grade	Intro to Lit/Comp I	English 9 H
10 <sup>th</sup> Grade	Intro to Lit/Comp II	English 10 H
11 <sup>th</sup> Grade	American Lit/Comp	English 11 H or AP Language & Composition
12 <sup>th</sup> Grade	British Literature & Composition or Technical English 12 or PA College Technology English	AP Literature & Composition

#### ELECTIVE ENGLISH CLASSES

<b>Personal Communication</b>	<b>Journalism I</b>
-------------------------------	---------------------


\* Students will be required to take end-of-course literature Keystone Exam at the end of 10<sup>th</sup> grade year.


#### Honors English

The sequential four-year program in Honors English challenges the student to encounter literature, language and composition on a more mature level and at a faster pace than is expected in the traditional English programs. Honors English seeks to develop inquiring and motivated students. Participants must assume the academic responsibility to read carefully, to generate ideas, and to support with evidence both oral and written opinions. Candidates should be willing to write frequently in many forms for a variety of audiences.

Admission to the Honors program in English is based upon a student's previous achievement, and the decision to apply for admission should be made after the student consults with parents, school counselor and English teacher.

### English Course Descriptions

Course Name and Number	Difficulty Level	Credit	
<b>Intro to Lit/Composition I (00190)</b>	<b>1.2</b>	<b>1.0</b>	
<p><b>Course Description</b>                      Introduction to Literature &amp; Composition I develops students' language arts skills in reading, writing, speaking, and listening. The study of literature includes: short story, literary nonfiction, speeches, informational texts, novels, drama and poetry studied within thematic units. The writing program stresses the use of the writing process as students develop their voice and style. In addition, students practice writing and responding to prompts similar to those used on the Keystone Literature exam.</p>			

Course Name and Number	Difficulty Level	Credit	
<b>English 9 Honors (00090)</b>	<b>1.4</b>	<b>1.0</b>	
<p><b>Course Description</b>  English 9 Honors focuses on creative and analytical writing, speaking, listening and critical thinking skills through the study of themes in literature and author’s purpose in nonfiction texts. Writing in the course stresses the writing process and encourages students to develop a sense of voice and an awareness of audience. In addition, students learn to create thesis statements and provide support for these statements. Author’s purpose and analysis of literary elements is explored through reading and discussing plays, poetry, novels, short stories and nonfiction in thematic units. The course focuses on careful reading of these literary and nonfiction works. The writing and reading programs also help students to achieve proficiency on the Keystone Literature exam.</p>			

# Course Requirements

## Social Studies Department

Three to four Social Studies courses are required within grade levels 9-12. It is recommended students consult with Social Studies faculty for guidance in selecting Social Studies courses.

### TYPICAL SOCIAL STUDIES COURSE SEQUENCING



Year	Academic Sequence	Honors Sequence
9 <sup>th</sup> Grade	US History	US History H
10 <sup>th</sup> Grade	Civics and Government	Civics and Government H / AP US Government & Politics
11 <sup>th</sup> Grade	Modern World History Psychology/Sociology	AP European / AP Psychology PCT World History PCT Psychology/ AP US History
12 <sup>th</sup> Grade	Global Studies Psychology/Sociology	AP European / AP Psychology Global Studies H/ PCT World History PCT Psychology/ AP US History



### ELECTIVE SOCIAL STUDIES

*Introduction to Psychology	*Introduction to Sociology
-----------------------------	----------------------------

\* Introduction to Psychology and Sociology count for a social studies credit, either .50 individually or together for 1 credit.

### Course Descriptions: Social Studies

Course Name and Number	Difficulty Level	Credit	
<b>United States History II (10200)</b>	<b>1.2</b>	<b>1.0</b>	
<p><b>Course Description</b>            This course provides a survey of major topics in US History from the 1880s to present. An emphasis will be placed on the social, political, and economic development of the United States. Other themes will include America and the World, Cultural Development, and Geography. Students will use primary documents, biographies, and literature related to the topics covered. An emphasis is placed on reading and writing in the content and historical skill development. This course provides a detailed coverage of United States History designed to meet Common Core Standards and help students develop an understanding of how modern America formed.  <i>Grade 9 Social Studies</i></p>			

Course Name and Number	Difficulty Level	Credit	
<b>United States History II H (10210)</b>	<b>1.4</b>	<b>1.0</b>	
<p><b>Course Description</b>            This course provides a survey of major topics in US History from the 1880s to present. An emphasis will be placed on the social, political, and economic development of the United States. Other themes addressed will include America and the World, Cultural Development, and Geography. Students will use primary documents, biographies, and literature related to the topics covered. An emphasis is placed on reading, writing, and historical skill development in preparation for future honors level courses or advanced placement course work.             This course provides a detailed coverage of United States History designed to meet Common Core Standards and help students develop an understanding of how modern America formed.  <i>Grade 9 Social Studies</i></p>			



# Course Requirements

## Mathematics Department




Four (4) math courses are required for graduation. Our most successful students graduate with four math courses, making their transcripts much more competitive as they seek admission to post-graduate school or as they enter the workplace.




### TYPICAL MATH COURSE SEQUENCING


Year	Academic Sequence	Honors Sequence
9 <sup>th</sup> Grade	Algebra 1 *	Algebra 2H
10 <sup>th</sup> Grade	Algebra 2	Geometry H/AP Computer Science A
11 <sup>th</sup> Grade	Geometry	PreCalc/Trigonometry H/PCT Math 124/125, AP Computer Science A
12 <sup>th</sup> Grade	Trigonometry/PCT Math/Statistics/ Career Mathematics/Alg III	AP Calculus 1 / AP Calculus 2 /AP Statistics/AP Computer Science A


\* Students will be required to take end-of-course Algebra 1 Keystone Exam.  
Elective: Introduction to Computer Science (Semester .5 credit)

### Course Descriptions: Mathematics

Course Name and Number	Difficulty Level	Credit	
<b>Algebra I (20110)</b>	<b>1.2</b>	<b>2.0</b>	
<b>Course Description</b> Algebra I is the study of the basic structure of algebra from real numbers through functions and relations. The major topics of this first year course are operations with real numbers and variables, the structure of our number system, the solution and graphing of equations and inequalities, systems of linear equations, operations with polynomials, and the concepts of functions and relations, and data analysis.			
Course Name and Number	Difficulty Level	Credit	
<b>Modern Algebra II (H) (20140)</b>	<b>1.4</b>	<b>1.0</b>	
<b>Course Description</b> Essentially including many of the topics in Algebra II, this honors course moves at a faster pace and treats individual topics in greater depth. There is a greater emphasis on factoring and applications of algebraic properties. <i>It is recommended that students successfully complete Algebra I in middle school.</i>			
Course Name and Number	Difficulty Level	Credit	
<b>Algebra II (20120)</b>	<b>1.2</b>	<b>1.0</b>	
<b>Course Description</b> This continues to develop understanding of Algebraic concepts. Students can expect to solve various non-linear equations. We extend the study of numbers to include irrational and non-real numbers. There will be extensive study on families of functions including linear, polynomial, exponential and logarithmic functions. In addition, there will be a unit of study on data analysis that includes combinations, permutations, odds and the fundamental counting principle. <i>Prerequisite: Algebra I</i>			

Course Name and Number	Difficulty Level	Credit	
<b>Plane Geometry (20220)</b>	<b>1.2</b>	<b>1.0</b>	
<b>Course Description</b> Plane Geometry is a study of logical reasoning, lines, angles, polygons, circles and constructions. It is designed for the average to above average student and includes a balance of theory and application. Algebraic skills are reviewed and strengthened through applications to solving problems in geometry. <i>Prerequisite: Algebra I</i>			
Course Name and Number	Difficulty Level	Credit	
<b>Modern Geometry (H) (20230)</b>	<b>1.4</b>	<b>1.0</b>	
<b>Course Description</b> This course follows the freshman course, Modern Algebra II Honors, and places much emphasis on deductive reasoning within a mathematical system. Theoretical and conceptual descriptions and applications of plane, coordinate, and solid geometry are central to the course. The development of constructions and proofs throughout the course can be expected. <i>It is recommended that students successfully complete Algebra II Honors.</i>			
Course Name and Number	Difficulty Level	Credit	
<b>Pre-Calculus with Trigonometry (H) (20320)</b>	<b>1.4</b>	<b>1.0</b>	
<b>Course Description</b> Modern Trigonometry is a pre-calculus course with a major emphasis on analysis of functions. Other topics include trigonometric and other transcendental functions. Additional topics may include conic sections, vectors, polar coordinates, complex numbers, and sequences and series. Hand-held calculators are used on a regular basis and the course includes much work on applications. <i>It is recommended that students successfully complete Algebra II Honors and Modern Geometry Honors.</i>			

Course Name and Number	Difficulty Level	Credit	
<b>AP Computer Science A (20001)</b>	<b>1.45</b>	<b>1.0</b>	
<b>Course Description</b> AP Computer Science A is an introductory college-level computer science course. Students cultivate their understanding of coding through analyzing, writing, and testing code as they explore concepts like modularity, variables, and control structures. <i>Prerequisite: Successful Completion of Algebra II</i> <b>Students enrolled in this course are expected to take the Advanced Placement Examination.</b>			

Course Name and Number	Difficulty Level	Credit	
<b>Intro to Computer Science (20002X)</b>	<b>1.2</b>	<b>0.5</b>	
<b>Course Description</b> An interactive introductory course for students brand new to programming that teaches the foundations of computer science using the Python language. Not only will this year-long course prepare students for AP Computer Science A, but it will teach students to think computationally and solve complex problems, skills that are important for every student. This course is a math elective. <i>Prerequisite: None</i>			

# Course Requirements

## Science Department

Three (3) science courses are required for graduation with at least one course being completed per year. However, it is strongly recommended that students planning to major or work in a science, technology, engineering, or math (STEM) related field schedule at least one science course during each year of high school. A well-rounded science education includes taking courses in a wide range of science disciplines including the life sciences, the physical sciences, and the Earth sciences.

### RECOMMENDED ACADEMIC AND HONORS SCIENCE COURSE SEQUENCES

Year	Academic Sequence	Honors Sequence
9 <sup>th</sup> Grade	Biology	Biology I H
10 <sup>th</sup> Grade	Integrated Science	Chemistry I H
11 <sup>th</sup> Grade	Chemistry I	Physics I H
12 <sup>th</sup> Grade	Elective Science If Desired	Elective Science

\* Students will be required to take end-of-course Biology Keystone Exam.

### FULL-CREDIT SCIENCE ELECTIVES



Anatomy/Physiology	AP Environmental Science	Physics I
AP Biology	AP Physics 1	Physics I Honors
AP Chemistry (2 Periods)	AP Physics 2	Topics of Science

### HALF-CREDIT SCIENCE ELECTIVES

Astronomy	Geology	Oceanography
Genetics	Meteorology	Bio Keystone Remediation

\* Half-credit science electives count for a science credit, either .50 individually or together for 1 credit.

## Course Descriptions: SCIENCE

Course Name and Number	Difficulty Level	Credit	
<b>Biology I (30200)</b>	<b>1.2</b>	<b>1.0</b>	
<p><b>Course Description</b>            This course focuses on mastery of the PA Keystone Biology Assessment Anchors. Students will investigate living things at the molecular, cellular, and organism level. An emphasis will be placed on the structures and processes necessary for all organisms to maintain life. Additional topics to be covered in this course include genetics, ecology, and evolution.</p> <p><b>*Students taking this course will be required to complete the end-of-course Pennsylvania Biology Keystone Exam.</b></p>			
Course Name and Number	Difficulty Level	Credit	
<b>Biology I Honors (30210)</b>	<b>1.4</b>	<b>1.0</b>	
<p><b>Course Description</b>            This course focuses on mastery of the PA Keystone Biology Assessment Anchors. Students will investigate living things at the molecular, cellular, and organism level. An emphasis will be placed on the structures and processes necessary for all organisms to maintain life. Additional topics to be covered in this course include genetics, ecology and evolution. Essentially covering the same topics as Biology I, this honors course moves at a faster pace, addresses individual topics in greater depth, and introduces students to technical lab report writing.</p> <p><b>*Students taking this course will be required to complete the end-of-course Pennsylvania Biology Keystone Exam.</b></p>			



# Course Requirements


## World Languages Department

### World Language Department

All World Language courses are sequential and elective in nature. The student enters the program with a Level I course. Upon completion of Level I, the student should consult with the instructor in order to determine proper placement for the second level course. The student who wishes to take courses at Levels III or IV must successfully complete Level II Academic and obtain the approval of the Level II instructor.

### Course Descriptions: WORLD LANGUAGES

Course Name and Number	Difficulty Level	Credit	
<b>German I (50100)</b>	<b>1.2</b>	<b>1.0</b>	
<b>Course Description</b>			
German I is a course in which students are introduced to the target language through a whole language approach. All four-language skills - listening, speaking, reading, and writing - are presented to ensure balanced development. The student will learn the language through authentic cultural and sociological contexts. Grammatical items are presented in meaningful context so that grammar is not an end to itself, but rather a vehicle through which students can discuss freely a given topic in the language.			
Course Name and Number	Difficulty Level	Credit	
<b>Spanish I (50200)</b>	<b>1.2</b>	<b>1.0</b>	
<b>Course Description</b>			
Spanish I is an introduction to the language in which speaking and listening language skills are emphasized. Grammar basics, lists of common vocabulary and useful expressions are learned, and Hispanic cultural characteristics will be a focus of the course as well. Oral and written practice and evaluations will be used, including student oral presentations to the class. Please refer to the World Language brochure for further details of the course, and to be sure your goals and commitment to learn the language are aligned with those of the class.			

Course Name and Number	Difficulty Level	Credit	
<b>Latin I (50410)</b>	<b>1.2</b>	<b>1.0</b>	
<b>Course Description</b>			
Latin I introduces the basic grammatical structure of the Latin language through a reading-based approach using Ecce Romani I. The course emphasizes the acquisition of fundamental vocabulary and its English derivatives, the cultural and mythological heritage of Rome, and the early history of the Roman Republic.			
Course Name and Number	Difficulty Level	Credit	NCAA
<b>English Language Learners (01300)</b>	<b>1.2</b>	<b>1.0</b>	
<b>Course Description</b>			
The English as a second language program (ELL) provides English language learners instruction and support in reading, writing, speaking and listening. The amount of services students receive is contingent upon their skill levels in the above-mentioned areas. Services not only include classroom instruction but also may include assessment, interpreter and tutoring services where appropriate.			

# Course Requirements

## Career & Technical Education Department

As students' progress through high school, it is important to do so with a goal of planning for a successful career. Most careers today require technical training. Williamsport Area High School students can prepare for college or career with Career & Technical Education (CTE) programs. CTE programs are approved by the Pennsylvania Department of Education.

*NOTE:* In cases where enrollments are limited in CTE courses, preference will be given to students who have selected a related occupation on their career objective.

<b>FINANCIAL LITERACY &amp; CAREER PATHWAYS</b>		
COURSE NAME	D.F.	CREDIT
<b>Career Pathways/ Financial Literacy (9110X)</b>	<b>1.0</b>	<b>0.50</b>
<p>This course is designed to provide 9th grade students with tools to maximize their success in high school. Half of the course will focus on Career Pathways, and the second half will focus on developing a student's understanding of financial literacy</p> <p><b>Career Pathways</b>            Students will explore career concepts and perform personal inventory assessments, detailed career explorations, investigate WAHS Pathways opportunities, CTE programs of study, and course selections. A second unit will provide students with best practice strategies for high school success and lifelong learning. The course will include "The 7 Habits of Highly Effective Teens".            The curriculum will be presented with a focus on information technology. Students will utilize and learn a variety of software applications, Internet tools, and Internet resources, increasing their skillset for future success.</p> <p><b>Financial Literacy</b>            This course takes the essential principles of personal finance and makes them accessible and applicable to today's students. All students will develop skills and strategies that promote personal and financial responsibility. Units will focus on areas such as money management, spending and credit, protecting your credit, debt management, and saving. The course makes use of a number of resources aligned with National and Pennsylvania standards. The course will culminate in an activity that synthesizes the student's financial awareness, and personal career planning.</p>		

## BUSINESS ADMINISTRATION PROGRAM COMPLETION

<b>9<sup>th</sup> Grade</b>	<b>Computer Applications I &amp; II</b>
<b>10<sup>th</sup> Grade</b>	<b>Computer Applications I &amp; II Accounting I Intro to Business (S)</b>
<b>11<sup>th</sup> Grade</b>	<b>Intro to Business (S) Computer Applications I (S1), II (S2) Business Law (S)/Business Communications (S)/Personal Finance (S) Accounting I or Advanced Accounting, Business Management I</b>
<b>12<sup>th</sup> Grade</b>	<b>Computer Applications I (S1), II (S2) Business Law (S)/Business Communications (S)/ Personal Finance (S) Advanced Accounting or Automated Accounting, Business Management I or II</b>

\*ACCOUNTING COURSES ARE DESCRIBED ABOVE

COURSE NAME	D.F.	CREDIT
<b>Computer Applications I (40071)</b>	<b>1.1</b>	<b>.50</b>
<p>Computer Applications I is a hands-on course that teaches students the power (and tricks) to Microsoft Word, Excel and PowerPoint. This is a “learn by doing” experience. Students will work on exercises and projects to master the tools of the applications in the lab. These experiences are designed to teach students competencies needed to achieve MOS (Microsoft Office Specialist) Certification. These tools will help you in many other classes and in life! <i>Recommended Grades: 9<sup>th</sup>- 12<sup>th</sup></i></p>		
COURSE NAME	D.F.	CREDIT
<b>Computer Applications II (40072)</b>	<b>1.1</b>	<b>.50</b>
<p><i>Computer Applications II</i> is a half-year course that will compliment <i>Computer Applications I</i>. The course will continue with more advanced Microsoft Office exploration. Students may also learn other programs including Access and Publisher to become skilled at using a database and completing desktop publishing activities. These experiences are designed to teach students competencies needed to achieve MOS (Microsoft Office Specialist) Certification. Additionally, students may create their own movies using the program Movie Maker. <i>Recommended Grades: 9<sup>th</sup>-12<sup>th</sup></i> <i>Prerequisite(s): Successful completion of Computer Applications</i></p>		

## COMMERCIAL ART PROGRAM COMPLETION

9 <sup>th</sup> Grade	Intro to Graphic & Digital Design
10 <sup>th</sup> Grade	Intro to Graphic & Digital Design (S) L1 Commercial Art
11 <sup>th</sup> Grade	Intro to Graphic & Digital Design (S) L2 Commercial Art/Business Management I
12 <sup>th</sup> Grade	Intro to Graphic & Digital Design (S) L3 Commercial Art/Business Management I

COURSE NAME	D.F.	CREDIT
<b>Intro to Graphic &amp; Digital Design (9194X)</b>	<b>1.0</b>	<b>.50</b>
Emphasis will be placed on learning the elements and principles of design, basic drawing skills, color, typography and creativity. Students will be introduced to the basic components of Adobe's graphic design software <i>Recommended grades: 9<sup>th</sup></i>		

## ENGINEERING/ROBOTICS PROGRAM COMPLETION

9 <sup>th</sup> Grade	Intro to Engineering & Robotics
10 <sup>th</sup> Grade	L1 PCT Engineering & Robotics
11 <sup>th</sup> Grade	L2 Engineering & Robotics
12 <sup>th</sup> Grade	L3 Engineering & Robotics

COURSE NAME	D.F.	CREDIT
<b>Intro to Engineering &amp; Robotics (91150)</b>	<b>1.0</b>	<b>0.50</b>
This course is designed to introduce students to the different topics that are covered in the Engineering and Robotics Program of Study. Topics covered include: engineering career choices, robotics, microcontrollers, PLC programming, drafting, motor control, measurement, and basic electrical theory. <i>Prerequisite(s): Successful completion of Algebra I</i> <i>Recommended grade(s): Grade 9<sup>th</sup>.</i>		

## HOMELAND SECURITY PROGRAM COMPLETION

9 <sup>th</sup> Grade	Introduction to Homeland Security
10 <sup>th</sup> Grade	L1 Homeland Security
11 <sup>th</sup> Grade	LI Homeland Security
12 <sup>th</sup> Grade	LI Homeland Security

COURSE NAME	D.F.	CREDIT
<b>Introduction to Homeland Security (9700X)</b>	<b>1.0</b>	<b>0.50</b>
This course offers instruction in the basic components of the homeland security industry. This includes: emergency services, fire protection, and criminal justice specific to emergency and disaster situations. <i>Recommended Grade: 9<sup>th</sup></i>		





PRECISION MACHINING PROGRAM COMPLETION	
9 <sup>th</sup> Grade	Intro to Precision Machining
10 <sup>th</sup> Grade	L1 Precision Machining/PCT AutoCad
11 <sup>th</sup> Grade	L2 Precision Machining/PCT AutoCad
12 <sup>th</sup> Grade	L3 Precision Machining/PCT AutoCad

COURSE NAME	D.F.	CREDIT
<b>Intro to Precision Machining (9270X)</b>	<b>1.0</b>	<b>0.50</b>
<p>This introduction class is a short-term opportunity for students to gain the advantage of having a year of experience in the shop prior to entering L1 Precision Machining. Students will learn the basics of how to use grinders, operate lathes and milling machines, cut metal with a torch, hammer iron as blacksmiths do, etc. Each year we make a different set of projects- but generally students are encouraged to be creative and apply what they've learned toward making projects that are personally rewarding and interesting.</p> <p><i>Recommended Grades: 9<sup>th</sup></i></p>		

# Fine and Performing Arts Department

## Music Department Course Requirements

All students may elect any course for which they are qualified and meet the prerequisites. Public performance is an important part of all ensemble classes. **Attendance is required** at all special rehearsals and scheduled performances.

## Course Descriptions: CURRICULAR MUSIC

All students may elect any course for which they are qualified and meet the prerequisites. Public performance is an important part of all ensemble classes. Attendance at all special rehearsals and scheduled performances is required.

### WAHS Choral Music

WAHS choral music is divided into ten performance offerings. Placement auditions are held annually before course selection. Concert performances throughout the year include fall, winter and spring concerts, an annual holiday concert and the all-district honors concert. All choir members are eligible to audition for co-curricular ensembles and festival choruses. Students wishing to participate in both instrumental and chorale ensembles will be scheduled into Performing Music. The students will be "shared" on a rotating basis by both the choral and instrumental teachers.

#### Freshman Chorale (60140)

Grade 9 1.0 credit

#### Performing Music 9, Chorale-Orchestra (60280)

Grade 9 1.0 credit

#### Performing Music 9, Chorale-Band (60290)

Grade 9 1.0 credit

#### Concert Chorale (60150)

Grades 9 & 10 1.0 credit

#### Concert Choir (60120)

Grades 11 & 12 1.0 credit

#### Men's Choir (60170)

Grades 10, 11 & 12 1.0 credit

#### Women's Choir (60160)

Grades 10, 11 & 12 1.0 credit

#### Performing Music 10-12, Choir-Orchestra (60420)

Grades 10, 11 & 12 1.0 credit

#### Performing Music 10-12, Choir-Band (60430)

Grades 10, 11 & 12 1.0 credit

COURSE NAME	D.F.	CREDIT
<b>Freshman Choir (60140)(60280)(60290)</b>	<b>1.0</b>	<b>1.0</b>
The Freshman Choir is designed to prepare students for the following choirs: Men's Choir, Women's Choir, Concert Chorale, and Concert Choir. Students wishing to participate in both instrumental and choral ensembles will be shared on a rotating basis. The ensemble concentrates on the essentials of choral singing which include: tone, vowel placement, changing voice, ensemble singing, leadership, blend, dictation, dynamics, posture, and musicianship.		
COURSE NAME	D.F.	CREDIT
<b>Concert Chorale (60150)</b>	<b>1.4</b>	<b>1.0</b>
Concert Chorale is for select students 9 <sup>th</sup> and 10 <sup>th</sup> grade is committed to the excellent performance of great choral masterworks from standard to repertoire. Combined with the Concert Choir, these ensembles make numerous appearances throughout the year at local concerts, college campuses, as well as regional and national performing events.		

## WAHS Orchestras

WAHS has three orchestras to meet the skills and interests of string instrumentalists. Concert performances throughout the year include Fall and Spring Concerts, an Annual Holiday Concert, the All-District Honors Concert and PMEA Festival participation. All students are expected to participate in rotating, large group lessons unless they are studying privately. Any student who has had experience performing on a string instrument is encouraged to participate. Placement auditions are held annually before the time for course selection. Winds and percussion are added as needed to complete full symphonic instrumentation.

Having established a reputation for musical excellence, the orchestras take great pleasure in performing a wide variety of challenging music ranging from the traditional orchestral repertoire to some of today's most contemporary sounds. In addition to full orchestra, performance opportunities exist in various small ensembles including chamber orchestras and string quartets. Students who develop their playing skills to a high level may be invited to appear as a soloist.

COURSE NAME	D.F.	CREDIT
<b>Freshman Orchestra (60260)</b>	<b>1.0</b>	<b>1.0</b>
Freshman Orchestra is a class designed for all 9 <sup>th</sup> graders entering the WAHS Orchestra program. Emphasis in this class is placed on the WAHS Orchestra essential learning outcomes through the study of modern and classical string orchestra literature. Students will focus on developing technical skills in bowing and left hand facility, as well as in music literacy and sight-reading. Students will use the Essential Techniques, book three. Participation in evening performances throughout the year (approximately one per term) is required. Advanced freshman may also audition for The Millionaire Strolling Strings.		

## WAHS Bands

WAHS has three band offerings to meet the skills and interests of woodwind, brass and percussion instrumentalists. Concert performances throughout the year include Fall and Spring Concerts, an Annual Holiday Concert, the All-District Honors Concert and Festival participation. All students are expected to participate in rotating, large group lessons unless they are studying privately. Any student who has had experience performing on a band instrument is encouraged to participate. Placement auditions are held annually before the time for course selection. Winds and percussion are offered an opportunity to perform with the string orchestra on an as needed basis. Participation in the "Millionaire Football Band" is required for members of all three bands. Turn to the "Co-Curricular Activities" section of this catalog for a description of the 'Millionaire Football Band.'

COURSE NAME	D.F.	CREDIT
<b>Freshman Band (60190)</b>	<b>1.0</b>	<b>1.0</b>
The purpose of the freshman band is to develop and refine the basic individual and ensemble skills that will permit them to pursue the finest in advanced band literature. This is an important year of musical growth and activity to help the students' bridge from the middle school to the high school ensemble. Ninth grade students wishing to participate in both instrumental and chorale ensembles will be scheduled into Performing Music. The students will be "shared" on a rotating basis by both the choral and instrumental teachers.		

## Music Electives

COURSE NAME	D.F.	CREDIT
<b>Hip Hop, Rap, and Rock (6031X)</b>	<b>1.0</b>	<b>.50</b>
The course studies the development of popular music in America. The students will receive instruction in the following: Experience the evolution of Hip Hop and Rap from the Bronx in the 1970's to today's current artists. Follow the development of Rock and Roll from 1950 through today. Students will use technology to further enhance their Hip Hop/Rap and Rock experience by developing beats and working with chord changes on a variety of programs and apps.		
<i>There are no prerequisite requirements</i>		

COURSE NAME		D.F.	CREDIT
<b>Guitar S1/S2 (6035X)</b>		<b>1.0</b>	<b>.50</b>
<p>Guitar is designed for beginner through the accomplished player. This course will differentiate instruction to the student's abilities. It will include intermediate picking and chording accompaniments, rock, folk, blues and classical styles of playing will be strongly emphasized. The reading of beginner and intermediate chord diagrams and music will be included.</p> <p><i>There are no prerequisite requirements</i></p> <p><i>Course can be taken twice.</i></p>			
COURSE NAME		D.F.	CREDIT
<b>Basic String Technique (6045X)</b>		<b>1.0</b>	<b>.50</b>
<p>Basic String Technique will meet the needs of any high school student who has little or no experience on violin, viola, cello, or bass but is eager to learn. The class will take them from the very beginning skills and will culminate in a performance at the end of the year. This class will also prepare students to be involved in Concert Orchestra the following year. This is the perfect course if a student drops out of orchestra in the elementary-middle school or always regretted not signing up in earlier grades.</p>			
COURSE NAME		D.F.	CREDIT
<b>Wind, Brass and Percussion Basics (6046X)</b>		<b>1.0</b>	<b>.50</b>
<p>Wind, Brass and Percussion Basics will meet the needs of any high school student who has little or no experience on wind, brass or percussion instruments, but is eager to learn. The class would take them from the very beginning skills and would culminate in a performance at the end of the year. This class will also prepare students to be involved in the Symphonic Band the following year. This is the perfect course if a student drops out of band in the elementary-middle school or always regretted not signing up in earlier grades.</p>			
COURSE NAME		D.F.	CREDIT
<b>Piano Keyboarding S1/S2(6003X)</b>		<b>1.0</b>	<b>.50</b>
<p>Do you want to impress family and friends with a song other than Heart and Soul or Chopsticks? Do you know that 70% of adults wish they learned to play piano? This beginning group piano class is for students with little or no playing experience. Time will be spent on and off the keyboards. The course will include basic music reading skills and progress from simple to intermediate piano playing. Students will receive daily group instruction as well as weekly individual lessons. Throughout the semester, all students will be able to perform individually and in a group ensemble. By the end of the course, students should master the basic techniques of piano performance and be able to play music from classical to popular genres of music.</p> <p><i>There are no prerequisite requirements</i></p> <p><i>Course can be taken twice.</i></p>			
COURSE NAME		D.F.	CREDIT
<b>Music Mogul (6004X)</b>		<b>1.0</b>	<b>.50</b>
<p>Are you the next P-Diddy, Russell Simmons, J-Z or Tim McGraw? Music Mogul is an introductory class to the music business; students will experience many facets of the music business to include: that of Artist, Producer and Audio Engineer where the student will create and perform songs by using Presonus Studio-One Digital Audio Software and interface; Promotion and Management, where the student will be responsible to organize a release party and a 30 second commercial to promote their newly created song. So, if you wish to create music: Rap, Dubstep, Soul, Pop, Country, Raga, Club music or even Appalachian dulcimer music, consider Music Mogul.</p> <p><i>There are no prerequisite requirements</i></p>			

## **Course Descriptions: Drama and TV Production**

COURSE NAME	D.F.	CREDIT
<b>Drama I (00711)</b>	<b><i>1.0</i></b>	<b><i>.50</i></b>
<p>Drama I is an activity-oriented course that offers an introductory look at the fascinating world of theater. The course includes improvisation; pantomime, voice development, stage etiquette and basic play production. Through participation, students will have opportunities to increase their abilities to observe, to imagine, to respond, and to develop both body and vocal expression in an open, supportive environment. Enrollment will be limited if demand exceeds available resources.</p>		
COURSE NAME	D.F.	CREDIT
<b>Drama II (00722)</b>	<b><i>1.0</i></b>	<b><i>.50</i></b>
<p>Drama II is an exciting continuation of the creative dramatic work introduced in Drama I. Students will explore the "play" from various perspectives. Activities will include advanced character development, specific acting techniques, play writing, directing, and technical theater. The "hands-on" approach of this class builds responsibility and maturity in students as they grow in their understanding and appreciation of theater.</p> <p>Enrollment will be limited if demand exceeds available resources.  <i>Prerequisite(s): Successful completion of Drama I</i></p>		

## Visual Arts Department

### Course Descriptions: Visual Arts

The Visual Art Department offers three discipline focus tracks: Two-Dimensional (Drawing, Painting, Printmaking), Three-Dimensional (Clay, Sculpture, Jewelry), and Photography & Digital Media. In each track, students will develop artistic literacy by creating, presenting, responding to and connecting with visual works of art. Students may take the courses as a means of expression and communication or with a drive to develop and refine artistic skills. We aim to provide opportunities for creative and critical thinking and build a foundation of 21<sup>st</sup> Century skills that carry over into other academic disciplines. Prerequisites must be met for advanced, Advanced Placement and independent study courses.

COURSE NAME	D.F.	CREDIT
<b>Drawing (7002X)</b>	<b>1.0</b>	<b>0.50</b>
<p>Students will develop drawing skills with a variety of experiences in two-dimensional media. Various methods and materials (such as graphite, charcoal, ink, and painting) will be explored. Grounded in the Elements and Principles of Art and Design, a range of drawing concepts will be covered including but not limited to composition, value range, and color theory. Emphasis is placed on the development of observational and technical rendering skills.</p> <p><i>Prerequisite(s): None</i></p>		
COURSE NAME	D.F.	CREDIT
<b>Painting and 2D Design (7003X)</b>	<b>1.0</b>	<b>0.50</b>
<p>Students will develop painting skills with a variety of experiences in two-dimensional media. Various methods and materials (such as watercolor, acrylic, ink and printmaking techniques) will be explored. Grounded in the Elements and Principles of Art and Design, a range of painting concepts will be covered including but not limited to composition, color theory, and process. Emphasis is placed on creative expression and the exploration of media.</p> <p><i>Prerequisite(s): None</i></p>		
COURSE NAME	D.F.	CREDIT
<b>Mindful Art (7004X)</b>	<b>1.1</b>	<b>0.50</b>
<p>Students will approach painting, drawing, and 3-Dimensional processes of creating with a foundation in mindfulness. Anxiety-reducing and stress-reducing strategies will be incorporated, explored, and practiced through visual art experiences. This course will merge the creative visual process with mindfulness practice and is open to all students. No previous art experience required.</p> <p><i>Prerequisite(s): None</i></p>		
COURSE NAME	D.F.	CREDIT
<b>Introduction to Sculpture, Ceramics, and Craft (7006X)</b>	<b>1.1</b>	<b>0.5</b>
<p>Introduction to Sculpture, Ceramics, and Craft is designed as an overview course focusing on the exploration of 3-Dimensional media. Safe and proper handling of tools and materials will be practiced. Emphasis will be placed on the Elements and Principles of Design, sketchbooks, drawing, pottery/ceramics, sculpting, and crafts.</p> <p><i>Prerequisite(s): None</i></p>		

COURSE NAME	D.F.	CREDIT
<b>Introduction to Photography &amp; Digital Media (71650)</b>	<i>1.1</i>	<i>1.0</i>
<p>Introduction to Photography &amp; Digital Media is a general course in digital photo and image creation. Through this course, students will gain hands-on experience with manual DSLR cameras to develop their technical &amp; creative skills. Students will develop an understanding of techniques for creating compelling photographs and meaningful images, such as composition, lighting, as well as how to use the Elements of Art &amp; Principles of Design to take their photos to the next level. Students will explore digital process techniques &amp; photo editing, using software such as Photoshop.</p> <p><i>Prerequisite(s): None</i></p>		

# Course Requirements

## Health and Physical Education Department

### Health and Physical Education Department

It is a graduation requirement that each student is required to complete the prerequisite semester of Physical Education 01 and successfully complete Health 01. After completion of those requirements they must complete EITHER an additional Physical Education course (PHYS ED 03, 04, 05, 06) or Health 02.

After these requirements are met a student is encouraged to take additional Physical Education or Health Education courses as an elective.

## Course Descriptions: Physical & Health Education

### Physical Education Philosophy

To prepare all students with a variety of movement experiences that will lead to an active and healthy life.

#### Overview

Physical Education (PE) contributes to the physical, intellectual, social and emotional well-being of the student. Our curriculum is devoted to purposeful instruction in progressive activities to promote a positive self-concept through fitness, sport, and lifetime recreational pursuits. Each student is able to achieve success according to his/her ability. Participation and involvement are required at all levels. Health related fitness is the goal for all students. The curriculum intent is to provide students of all abilities and interests with a variety of movement experiences that will lead to an active and healthy life. Activities are taught in a coeducational environment. Students needing adapted physical education are scheduled into a program tailored to their needs.

COURSE NAME	D.F.	CREDIT
<b>PERSONAL FITNESS/BASIC AQUATICS (PE01) (9091X)</b>	<b>1.0</b>	<b>.50</b>
Physical Education 01 is designed for 9th and 10th grade students as a fundamental course that serves as a prerequisite for the remainder of the Physical Education course offers. Students will be introduced to a variety of activities including team and individual sports. This course focuses on the understanding and implementation of personal fitness concepts. Strength training, aerobic conditioning, and functional training are improved through daily training and assessed using a variety of fitness tests. Finally, the course will allow students to become proficient in aquatics skills. An emphasis is placed on execution of basic swimming strokes, open water survival, and diving. (Fitness Walking, Jogging, Functional Training/Flexibility and Fitness Testing, Core Strengthening, Plyometrics, Soccer, Tennis, Table Tennis, Strength Training, Flag Football, Speedball, Beginning and Advanced Swimming Strokes, Water Aerobics, Aerobic Swimming, Concepts of Physical Fitness, Team Handball, Badminton, Diving, Circuit Training) Concepts will be reinforced through appropriate content reading and writing.		
COURSE NAME	D.F.	CREDIT
<b>TEAM SPORTS (PE05) (9095X)</b>	<b>1.0</b>	<b>.50</b>
Based on the knowledge and skills gained from Physical Education 01, students will continue to develop techniques, skills, and strategies that are associated with a team sport activity. The emphasis is on the team concept and self-refereeing/regulating a team game cooperatively with other students. Probable units of instruction include but are not limited to the following: basketball, flag football, lacrosse, soccer, softball, speedball, team handball, Ultimate Frisbee, volleyball, water polo/water games, aerobic ball, Tchoukball, Eclipse Ball, floor hockey, cooperative games. Concepts will be reinforced through appropriate content reading and writing.		



## Health Education Philosophy

Provide all students with the skills and knowledge to consistently practice behaviors that promote lifelong health and well-being, to use quality health care services effectively, and to promote the health of others, the community and environment.

### Overview

The Williamsport Area High School's comprehensive health education curriculum teaches students the functional knowledge and skills needed to promote health and prevent disease. The curricular assessment framework was developed from the coordination of the Pennsylvania State Standards, the National Health Education Standards and the Health Education Assessment Project. Our goal is for students to become health literate so they can think through and make healthy choices in solving their own problems, be responsible and make choices that benefit themselves and others, use communication skills in clear and respectful ways and be in charge of accessing valid health information.

COURSE NAME	D.F.	CREDIT
<b>Health Enhancing Behaviors and Risk Reduction (Health 01) (9085X)</b>	<b>1.0</b>	<b>.50</b>
<p>A course encompassing many topics important to teenagers as identified by the CDC's Six Adolescent Risk Behaviors: alcohol and drug use, injury and violence, tobacco use, nutrition, physical activity, and sexual behaviors. The course topics include: Nutrition, Drug &amp; Alcohol, Human Sexuality, and Violence Prevention and Wellness and Consumer and Personal Health. A strong emphasis will be placed on the goal setting and decision making skills.</p> <p><b><u>Nutrition</u></b> Students will analyze factors that impact nutritional choices and assess their diets to develop plans for improvement. Other nutrition topics include: eating disorders, fad diets, fast food analysis, portion sizes and nutrition labels.</p> <p><b><u>Drug &amp; Alcohol</u></b> Students will explore current trends in drug and alcohol use. They will analyze prevention, intervention and treatment strategies in relation to adolescent and adult drug use. Analyzing influences, interpersonal communication, decision making and goal setting skills will be implemented and practiced.</p> <p><b><u>Human Sexuality</u></b> In this unit, students will understand human anatomy and reproduction. They will also learn how to apply protective/preventative strategies related to teen pregnancy and sexually transmitted infections. Teen relationships/dating and decision-making skills will be explored.</p> <p><b><u>Violence Prevention</u></b> Students will analyze and apply strategies to avoid or manage conflict and violence during adolescence. They will learn how to practice using decision-making strategies to solve problems, analyze influences, practice goal setting, demonstrate interpersonal communication skills, access information and advocate for non-violent outcomes when solving conflicts.</p> <p><b><u>Wellness and Consumer &amp; Personal Health</u></b> Students will explore the relationship between health and wellness. There is a connection between lifestyle choices and lifestyle diseases that students will examine as well as listing health habits that they can adopt to maximize their wellness. Students will learn how goal setting, motivation, and personal choice can improve health and prevent disease. Also included are healthy consumer choices, health care provider services, and health related information and products</p>		
COURSE NAME	D.F.	CREDIT
<b>Personal, Family and Community Health (Health 02)(9086X)</b>	<b>1.0</b>	<b>.50</b>
<p>This class builds sequentially from the content in Health 01. A variety of topics identified by the CDC's Adolescent Health Risk Behaviors as current issues facing teen and adult health will be included. These topics include: Stress Management, First Aid &amp; CPR/AED, Family Living, Current Health Topics, and an exploration of skills to prepare students who are interested in health related careers. A variety of teaching techniques will be used which involve maximum participation by the student. There will be a concentrated focus on the following skills: core concepts, accessing valid health information, analyzing influences, interpersonal communication, self-management, goal setting, decision making, and advocacy.</p> <p><b><u>Stress Management</u></b> This is an insightful unit in which students will reflect upon themselves and identify their stressors, signs of stress and positive ways to cope with stress. Students will describe how the nervous, hormonal, and immune systems respond to stress. They will also practice relaxation techniques to help manage stress.</p>		

**First Aid & CPR/AED**

Students will be trained and offered certification through the American Red Cross Adult CPR/AED and Standard First Aid courses taught by health teachers at the high school who are authorized instructors. Upon successful completion of the required written and skill-based testing, students may purchase their certification cards issued by the American Red Cross. Regardless of purchasing the certification cards, all students will receive the content and skills for certification.

**Family Living**

This unit builds upon students' existing knowledge of human sexuality, including anatomy, reproduction, and protective/preventative strategies related to teen pregnancy and sexually transmitted infections. In addition, students will study the process of pregnancy and birth. They will discuss the responsibilities of being a parent and evaluate their goals and decisions for a healthy and productive future. Goal Setting skills will encourage realistic strategies towards becoming a healthy sexual adult.

**Current Health Topics**

The focus will be improving health literacy. Current Health Topics will be explored along with skills to prepare students who are interested in health related careers. A variety of teaching techniques will be used which involve maximum participation by the student. There will be a concentrated focus on the following skills: core concepts, accessing valid health information, analyzing influences, interpersonal communication, self-management, goal setting, decision making, and advocacy.

*Prerequisite(s): Must achieve a passing grade of 70% or above in Health 01*

## **SPECIAL EDUCATION**

The Williamsport Area High School is committed to educating all students, including those with significant disabilities, in the Least Restrictive Environment. The high school offers a continuum of special education supports and services to meet the diverse needs of exceptional students. Special education services available at the high school include Learning Support, Emotional Support, Life Skills Support, Speech/Language Support, Hearing Support, Vision Support, and Autistic Support. In addition, BLaST Intermediate Unit #17 operates a Multiple Disabilities Support program for students with significant disabilities.

The high school is committed to educating students with disabilities with non-disabled peers in the regular education environment to the maximum extent appropriate. To accomplish this objective, the high school supports the implementation of effective inclusive practices for all students. Through the collaborative effort among regular education and special education personnel, co-teaching classes have been established in many core content areas. The high school will continue to enhance its inclusive practices by providing on-going professional development.

The final determination of educational services for exceptional students will be dependent upon the identified needs of the students as determined by the IEP team. A continuum of services is available to meet the diverse needs of all students including, but not limited to, the following: Regular Education with Consultation from Special Education, Regular Education with Consultation and Accommodations, Regular Education with direct Special Education support within the classroom, Regular Education with direct Special Education support outside the classroom, and separate Special Education classes outside of Regular Education.

An Individualized Education Plan (IEP) is developed by the IEP team, including parents, to meet the individual strengths and needs of all exceptional students. When determining how to best meet a student's goals and objectives, the IEP team begins with a discussion of supports within the regular education environment. The IEP team will review the necessary Supplementary Aids and Services needed to enable the exceptional student to participate in regular education programs to the maximum extent appropriate. Only after the IEP team has determined that success in the regular education program is not possible will it discuss placement in a more restrictive environment.

The Williamsport Area High School supports comprehensive transition planning for students with disabilities to prepare them for post-school outcomes. The district offers a community based work program for high school students, with transportation provided to various training sites such as the local hospital, hotels, and several area businesses. Students in the high school Life Skills and Autistic Support classes participate in an instructional academic program based on the Pennsylvania Alternative Academic Standards, as well as a functional curriculum that includes a strong independent living component, prevocational skills, and a supervised work training experience.

The Williamsport Area High School employs a highly qualified special education staff that is committed to helping exceptional students achieve their maximum potential. Currently, the high school employs 23 special education teachers, an itinerant hearing support teacher, and a Transition Coordinator. All special education teachers participate in ongoing professional development trainings regarding IEP development, progress monitoring, and legal issues in special education. Select special education teachers have also been trained in a variety of specific instructional intervention programs, as well as non-violent crisis intervention and social skills instruction. Related service providers from the BLaST IU#17 include a speech/language therapist, behavior consultants, and a vision specialist. Occupational therapy and physical therapy is provided through HOPE/CDC. In addition, the high school employs several instructional aides and personal care assistants who provide additional supports and services for exceptional students. All support staff also participate in annual professional development activities related to the students whom they service.

# **Williamsport Area High School**

## **Non-Discrimination Policy**

The Williamsport Area School District is an equal opportunity education institution and will not discriminate on the basis of race, color, national origin, sex and handicap in its activities programs, or employment practices as required by Title VI of the Civil Rights Act of 1964, Title IX Education Amendment of 1972, Section 504 of the Rehabilitation Act of 1973, and the Americans with Disability Act of 1990.

For information regarding civil rights or grievance procedures, services, activities, and facilities that are accessible to and useable by handicapped individuals, contact:

**Anne Logue, Human Resources Director,**  
**Williamsport Area School District**  
2780 West Fourth Street, Williamsport, PA 17701  
Phone: (570) 327-5500