



WEST ALLEGHENY VIRTUAL ACADEMY

HIGH SCHOOL COURSES OFFERINGS

2022-2023

West Allegheny Virtual Academy

WEST ALLEGHENY SCHOOL DISTRICT | IMPERIAL, PA 15126

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Our Mission

The mission of West Allegheny School District, a leader in quality education, is to ensure that each student acquires the necessary knowledge and skills to be a responsible citizen, prepared for life-long learning and employment; this is accomplished by providing meaningful and personally challenging learning experiences within a safe, nurturing environment in partnership with family and community.

Our Vision

The West Allegheny School District will create a learning environment in which students maximize their potential and achieve success in a cooperative partnership with students, parents, staff, administration, and community through a positive, supportive, caring climate which promotes the dignity of all individuals.



GOAL 1: Career and College Ready: All students will be career and college ready with a viable post-secondary plan and ability to persist.

GOAL 2: Academic Preparedness: All students will be academically prepared demonstrating content area mastery at all grade levels.

GOAL 3: Effort-based Learning and Innovation: All students will have a growth mindset demonstrating resiliency, perseverance and intellectual curiosity. All students will have access to innovative and relevant academic programming.

GOAL 4: Highly Effective Educators: All students will have educators committed to fostering active engagement, empowerment, productive disposition, critical thinking and the love of learning in and out of their classrooms.

GOAL 5: Supportive School Cultures: All students will be educated in safe and supportive school cultures fostering wellness, acceptance and the ability to learn and thrive free of bullying, harassment and other negative influences.

GOAL 6: Engagement and Connectedness to School Activities: All students will have opportunities to engage in school-based activities that support and enhance connectedness to school and develop positive relationships with staff.

GOAL 7: Family Engagement and Partnership: The District will foster productive parent engagement in partnership to support student success and connectedness to school.

GOAL 8: Safety and Emergency Preparedness: The District will prepare all students and staff for emergency situations and ensure all facilities are well-maintained and equipped with enhanced security measures.

GOAL 9: Financial and Operational Effectiveness: The District is committed to maintaining program enhancements in academics, arts and athletics with fiscal responsibility and operational efficiency, capitalizing on cost-saving measures that are repurposed to support student success.

Requirements for Promotion and Graduation

A minimum of 26.25 total credits, as outlined on the following pages, is required to be completed in grades 9-12. It is the student's and parent's responsibility to know the requirements for promotion and graduation and to make plans accordingly. The credits listed below are minimum requirements; however, students are encouraged to take additional credits and/or higher-level courses. *All students are required to schedule and maintain a minimum of 7.00 credits each academic year.*

Minimum Credit Requirements for Promotion for All Students

In order to be promoted each year, students must pass a minimum number of credits. Listed below is the minimum total number of credits a student must have earned by the end of each grade to be promoted to the next grade level. Opportunities for credit recovery will be available during the summer at a cost to the student.

9	5.00
10	10.00
11	17.25
Graduation	26.25

These requirements are established by the Pennsylvania Department of Education and the West Allegheny School Board. Students and parents are reminded that ALL credits AND requirements must be satisfied upon the completion of a student's senior year to participate in commencement ceremonies. Throughout the following pages, courses may be denoted using one or more of the symbols below.

*	Course weighted on a 4.5 GPA scale
**	Course weighted on a 5.0 GPA scale
#	Course <u>does not</u> count towards credit in the Early College in High School Academy (ECIHS)
BOLD TYPE	Course may count toward core course credit required for graduation – see the graduation requirements page for more information
(S)	Semester Course

Requirements for Promotion and Graduation

Full-Time West Allegheny Virtual Academy (WAVA) Students

Requirement Category	Min Credit	Minimum Course Requirements	4 th year Course Options	
English	4	English 9 or Honors English 9* English 10 or Honors English 10* English 11, College Readiness English 11, or AP English Lang & Comp**# Course from 4 th Year Course Options	English 12 College Readiness English 12 AP English Lit & Comp**#	
Mathematics	4	Algebra 1 Algebra 2 or Honors Algebra 2*# Geometry Course from 4 th Year Course Options	Introduction to Algebra Trigonometry & Precalculus Honors Trig & Precalculus* Discrete Math	Calculus AP Calculus AB**# Financial Accounting*#
Science	4	Biology w/Lab or Honors Biology w/Lab* Conceptual Chemistry or Honors Chemistry* Conceptual Physics or Physics Course from 4 th Year Course Options	AP Biology**# AP Chemistry**# Forensics Science Anatomy & Physiology* Exercise Science	Health Sciences Intro to Astronomy Intro to Marine Biology Intro to Vet Science
Social Studies	4	U.S. History or Honors U.S. History* American Government or AP U.S. Government & Politics**# World Cultures or AP World History** Course from 4 th Year Course Options	AP Economics**# AP Psychology**# AP U.S. History ** African American Studies Intro to Criminology & Law # Psychology & Sociology Current Affairs (S) Holocaust & Genocide Studies (S) Intro to Military Careers (S) Intro to World Religion (S)	Native American Studies (S) Women's Studies (S) Spanish III Spanish IV*# AP Spanish Lang & Culture** French III French IV * AP French Lang & Culture** German III
Physical Education	0.5	Physical Education or Physical Conditioning in 9 th Grade (minimally 0.25 credits) Physical Education or Physical Conditioning in 10 th Grade (minimally 0.25 credits)		
Health	0.5	Health in 9 th Grade (0.25 credits) Health in 10 th Grade (0.25 credits)		
Elective		9.25		
State Assessment		Proficient or Advanced on the Keystone Exams in Literature, Algebra I, and Biology OR Demonstration of proficiency through an alternate pathway		
Career Readiness		Completion of Civics Exam taken during American Government or AP US Government and Politics Successful completion of the Career and Education Work Standards Portfolio including Career Seminar requirements Successful completion of Industry Based Learning Experience		
Total Required		26.25		

Requirements for Promotion and Graduation WAVA/Parkway West CTC Students

Any student who enrolls in a program offered at Parkway West CTC for a minimum of three years, including the senior year, will be required to earn a minimum of three credits of mathematics, science, and social studies, as long as the student meets the minimum required courses for each core academic area. A student who chooses not to re-enroll in a Parkway West program he/she attended previously would default to requirements of a non-CTC student. This decision may result in the need to take more than one course in the core areas in a year, limiting elective options. *All students are required to schedule and maintain a minimum of 7.00 credits each academic year.*

Requirement Category	Minimum Credits	Minimum Course Requirements for All Students
English	4	English 9 or Honors English 9* English 10 or Honors English 10* English 11, College Readiness English 11, or AP English Lang & Comp**# Additional Course from 4 th Year Course Options (see Full-time Student Requirements)
Mathematics	4	Algebra 1 Algebra 2 or Honors Algebra 2*# Geometry Additional Course from 4 th Year Course Options (see Full-time Student Requirements)
Science	3	Biology with Lab or Honors Biology with Lab* Conceptual Chemistry, Honors Chemistry*, or Chemical Properties (PWCTC) Conceptual Physics, Physics, or Principles of Tech (PWCTC)
Social Studies	3	U.S. History, Honors U.S. History*, or US History II (PWCTC) American Government or AP U.S. Government & Politics**# World Cultures or AP World History**
Physical Education	0.5	Physical Education or Physical Conditioning in 9 th Grade (minimally 0.25 credits) Physical Education or Physical Conditioning in 10 th Grade (minimally 0.25 credits)
Health	0.5	Health in 9 th Grade (0.25 credits) Health in 10 th Grade (0.25 credits)
Elective (at Parkway CTC)		12.25
State Assessment		Proficient or Advanced on the Keystone Exams in Literature, Algebra I, and Biology OR Demonstration of proficiency through an alternate pathway
Career Readiness		Completion of Civics Exam taken during American Government or AP US Government and Politics Successful completion of the Career and Education Work Standards Portfolio including Career Seminar requirements Successful completion of Industry Based Learning Experience
TOTAL		26.25

PARKWAY TRANSPORTATION NOTE: The West Allegheny School District provides transportation to and from Parkway West Career and Technology Center from the high school only. WAVA students that plan to attend Parkway West Career and Technology Center must provide their own mid-day transportation to and/or from PWCTC.

Requirements for Promotion and Graduation

Standardized Assessment Timeline

Part of College and Career Readiness is having the ability to demonstrate mastery of skills and standards. The standardized assessments available to students at West Allegheny High School further develop learning and validate the knowledge gained throughout a student's high school career.

Summary of Assessments

Algebra Keystone Exam	End of course – Algebra 1 or Conceptual Algebra	Required
Biology Keystone Exam	End of course – Biology or Honors Biology	Required
Literature Keystone Exam	End of course – English 10 or Honors English 10	Required
Civics Exam	Embedded in American Government & AP US Government & Politics courses	Required
PSAT 8/9	Mid-October of Freshmen Year	Required
PSAT	Mid-October of Sophomore Year	Required
PSAT/NMSQT	Mid-October of Junior Year	Recommended
SAT	Junior and/or Senior Year	Recommended
ACT	Junior and/or Senior Year	Recommended
ASVAB	Junior and/or Senior Year	Recommended ₁
Advanced Placement (AP) Exams	End of Course – Early May	Required
CCAC Mathematics Placement Test	Summer before taking corresponding course	Required ₂
CCAC Reading Placement Test	Summer before taking corresponding course	Required ₂
Industry Certification Exams	Embedded in corresponding courses	Required ₂

1 - Required for students who have not met a Keystone proficiency pathway.

2 - Required for students who elect to take the corresponding course for CCAC credit are required to complete the assessment(s).

State Mandated Assessments

Algebra Keystone Exam	End of course (Algebra 1 or Conceptual Algebra)	Required
The Algebra Keystone Exam is an end-of-course state assessment designed to evaluate proficiency in Algebra. As part of the graduation requirements, each student must demonstrate proficiency on the Algebra Keystone Exam, or fulfill one of the other pathways provided, to earn a diploma from West Allegheny (see the <i>State Assessment Graduation Requirement Pathways</i> on the following pages for more details). Each student is provided the opportunity to take the Keystone Exams in May of the year they are taking a Keystone affiliated course. A student who previously completed a Keystone-related course but did not take the Keystone Exam may also participate in testing for graduation purposes. Additionally, any student who has taken a Keystone Exam and did not score Proficient may re-take the exam.		
Biology Keystone Exam	End of course (Biology or Honors Biology)	Required
The Biology Keystone Exam is an end-of-course state assessment designed to evaluate proficiency in Biology. As part of the graduation requirements, each student must demonstrate proficiency on the Biology Keystone Exam, or fulfill one of the other pathways provided, to earn a diploma from West Allegheny (see the <i>State Assessment Graduation Requirement Pathways</i> on the following pages for more details). Each student is provided the opportunity to take the Keystone Exams in May of the year they are taking a Keystone affiliated course. A student who previously completed a Keystone-related course but did not take the Keystone Exam may also participate in testing for graduation purposes. Additionally, any student who has taken a Keystone Exam and did not score Proficient may re-take the exam.		
Literature Keystone Exam	End of course (English 10 or Honors English 10)	Required
The Literature Keystone Exam is an end-of-course state assessment designed to evaluate proficiency in Literature. As part of the graduation requirements, each student must demonstrate proficiency on the Literature Keystone Exam, or fulfill one of the other pathways provided, to earn a diploma from West Allegheny (see the <i>State Assessment Graduation Requirement Pathways</i> on the following pages for more details). Each student is provided the opportunity to take the Keystone Exams in May of the year they are taking a Keystone affiliated course. A student who previously completed a Keystone-related course but did not take the Keystone Exam may also participate in testing for graduation purposes. Additionally, any student who has taken a Keystone Exam and did not score Proficient may re-take the exam.		

Civics Exam	Embedded in American Government & AP US Government & Politics courses	Required
The Civics Exam is an end-of-course assessment, required by the state, designed to evaluate a student's civic knowledge. As part of West Allegheny graduation requirements, every student must complete the Civics exam, which is embedded within the American Government and AP US Government & Politics curriculum. Most students will complete this exam during their sophomore year of high school. Any student that does not take American Government or AP US Government & Politics while attending West Allegheny High School will be required to complete the Civics Exam prior to being eligible to graduate.		

National Assessments

PSAT 8/9	Mid-October of Freshmen Year	Required
The Preliminary SAT (PSAT) 8/9 measures critical reading skills, math problem-solving skills, and writing skills through three sections: Reading, Writing and Language, and Math. In mid-October, all students in ninth grade take the PSAT 8/9 (fees covered by the District) as part of our Annual Career and College Assessment Day. By assessing the student's current knowledge, the PSAT 8/9 serves as a gauge for college readiness. Early experience with this assessment allows each student to connect to the free resource, Khan Academy, with access to individualized practice.		
PSAT	Mid-October of Sophomore Year	Required
The Preliminary SAT (PSAT) measures critical reading skills, math problem-solving skills, and writing skills through three sections: Reading, Writing and Language, and Math. In mid-October, all students in tenth grade take the PSAT (fees covered by the District) as part of our Annual Career and College Assessment Day. By assessing the student's current knowledge, the PSAT serves as a gauge for college readiness. Early experience with this assessment allows each student to connect to the free resource, Khan Academy, with access to individualized practice.		
PSAT/NMSQT	Mid-October of Junior Year	Recommended
The Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT/NMSQT) is the same exam as the PSAT, but also serves as the National Merit Scholarship Qualifying Test for juniors in a nationwide competition for recognition, awards, and scholarships. The PSAT/NSMQT is available to West Allegheny students in eleventh grade as part of our Annual Career and College Assessment Day in mid-October. Any student who chooses to take the PSAT/NMSQT must register and assume the related costs. Registration links can be found on the College Admissions page of the WAHS website under Guidance. College Board provides fee waivers for juniors taking the PSAT/NMSQT based on federal aid status.		
SAT	Junior and/or Senior Year	Recommended
The SAT is an entrance exam used by many colleges and universities and includes three parts: Reading, Writing and Language, and Math. The exam is scored on a scale from 400-1600. West Allegheny High School offers the SAT School Day in mid-October and March with registration handled through the office of the Assessment Coordinator. National test dates are offered at West Allegheny in November and May. Additional national test dates (offered at West Allegheny in November and May) are also offered by SAT and can be found on the College Board website (www.collegeboard.com). Any student who chooses to take the SAT is responsible for the related costs and must register through the College Board (www.collegeboard.com). College Board provides fee waivers for SAT national test dates or fee reductions for SAT school day testing based on federal aid status.		
ACT	Junior and/or Senior Year	Recommended
The ACT is an entrance exam used by many colleges and universities. This test measures a student's ability in English, Mathematics, Reading, Science Reasoning, and Writing (optional) and is scored on a standard scale from 1 to 36. West Allegheny High School offers the ACT School Day in October and March with registration handled through the office of the Assessment Coordinator. Additional national test dates are also offered by ACT and can be found on their website (www.act.org). It is recommended that any student interested in taking the ACT for admission purposes do so as a junior or early in their senior year. Juniors are also encouraged to take the test. Any student who chooses to take the ACT is responsible for the related costs and must register through ACT (www.act.org). ACT provides fee waivers for national test dates (not school day) based on federal aid status.		
ASVAB	Junior and/or Senior Year	Recommended
The "Student" ASVAB (Armed Services Vocational Aptitude Battery) Test is an aptitude test that provides each student with insight into potential career areas that align to the student's strengths. This test provides each student with feedback in four critical areas: Arithmetic Reasoning, Word Knowledge, Paragraph Comprehension, and Mathematics Knowledge. The ASVAB is available to any junior or senior student who wishes to take it during our Annual Career and College Assessment Day in mid-October. After scores are returned to each student, a representative from the Military Entrance Processing Service (MEPS) will return to offer a guided analysis of the results. While this exam is administered by the military, there is no service obligation, scores, or information will be shared with the military unless requested by the student.		

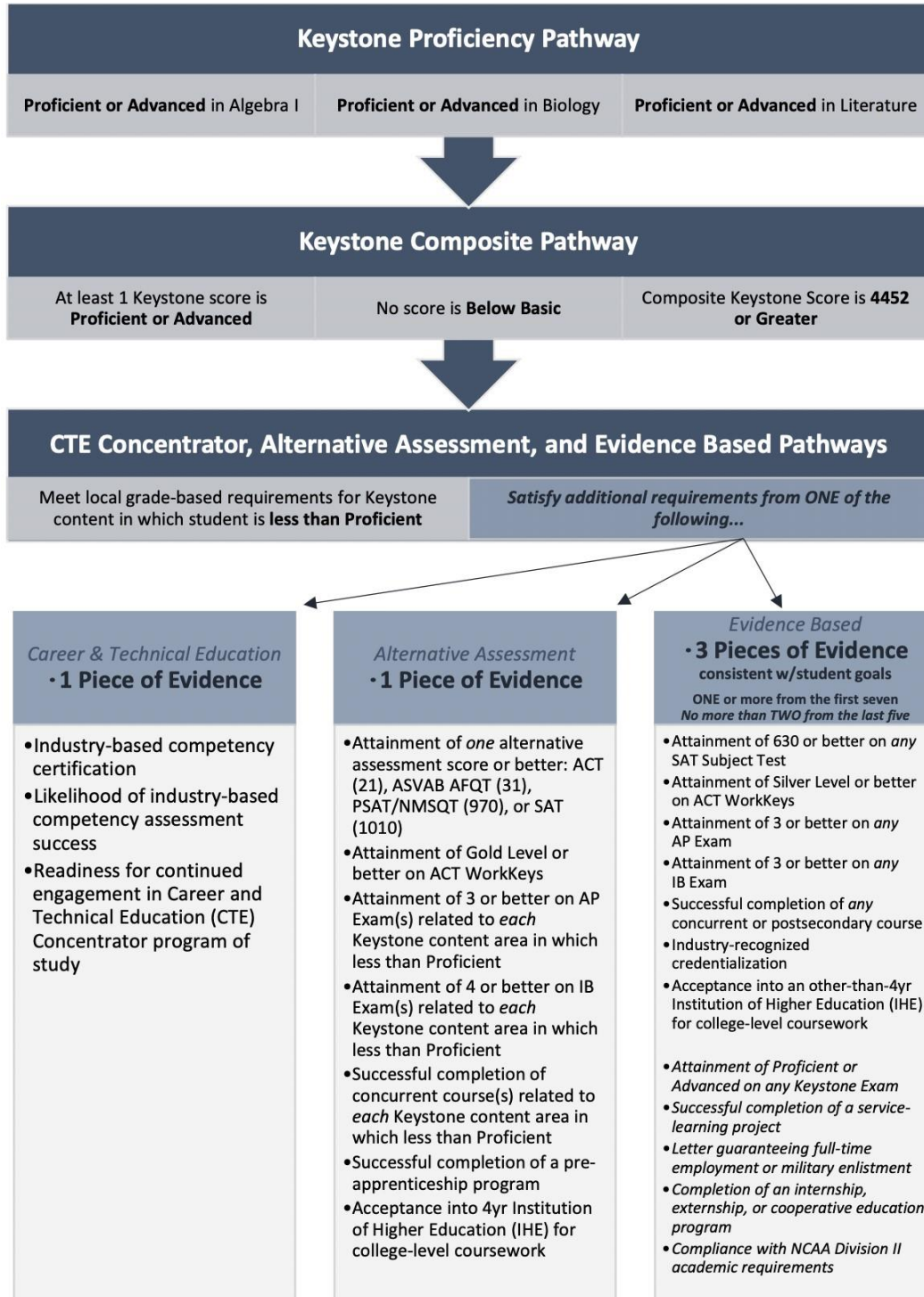
Course Specific Assessments

Advanced Placement (AP) Exams	End of Course – Early May	Required ₂
West Allegheny High School currently offers 23 Advanced Placement courses aligned to the College Board curriculum (see full list in the Weighted Courses section). These courses are designed to provide students with a rigorous college level course experience while still in high school. Students participating in AP courses are required to take the corresponding AP exam in May (paid for by the district). All AP exams are scored on a scale of 1 – 5. Research shows that students who have completed an AP course and receive at least a 2 on the exam have greater success in their first year of studies after high school. Many colleges and universities accept AP exam scores of 3 or higher for college credit and/or advanced placement into upper-level college courses.		
CCAC Mathematics Placement Test	Summer before taking corresponding course	Required ₂
To be eligible to take HEC Algebra II, AP Computer Science Principles, or AP Physics 1 for CCAC credit through West Allegheny's Early College in High School Academy (ECIHS), a student must first earn a qualifying score on the CCAC Mathematics Placement Test. It is required that each student completes this test prior to the start of the school year. Qualifying scores and testing procedures are determined by CCAC.		
CCAC Reading Placement Test	Summer before taking corresponding course	Required ₂
To be eligible to take AP English Language & Composition, HEC Spanish IV, or HEC German IV for CCAC credit through West Allegheny's Early College in High School Academy (ECIHS), a student must first earn a qualifying score on the CCAC Reading Placement Test. It is required that each student completes this test prior to the start of the school year. Qualifying scores and testing procedures are determined by CCAC.		
Industry Certification Exams	Embedded in corresponding courses	Required ₂
Any student that elects to take Manufacturing 1, IT Fundamentals, Principles of Networking & Cybersecurity, Networking & Infrastructure Security, Ethical Hacking, Linux Systems Administration, or Windows Server Administration for CCAC credit through West Allegheny's Early College in High School Academy (ECIHS) is required to complete the corresponding certification exams throughout the course of the school year. These exams, paid for by the district, provide the student with the opportunity to gain Industry Credentials while earning college credit for the course. The testing dates for each certification exam will be set by the instructor of each course.		

Requirements for Promotion and Graduation

State Assessment Pathways

In accordance with ACT 158, Pennsylvania's statewide graduation requirements, West Allegheny School District has aligned its graduation requirements to ensure the success of all students. Through one of the five pathways below, students will demonstrate that they are college, career, and community ready as they embark upon their post-secondary plans. All students will engage in the Algebra I, Biology, and Literature Keystone Exams upon completion of the aligned courses. If a student does not meet graduation requirements through the Keystone Proficiency Pathway, a student must meet the requirements through another pathway outlined below.



Requirements for Promotion and Graduation

Career Readiness

1. Successful completion of the *Career Education and Work Standards Portfolio*

As a measure of Future Ready PA reporting, Pennsylvania schools are accountable for ensuring every student meets Career Education and Work (CEW) Academic Standards as established in PA Code Chapter 4. In alignment with our goal of ensuring career and college readiness for every student, West Allegheny continues to provide our students with experiences in Career Awareness and Preparation (13.1), Career Acquisition (13.2), Career Retention and Advancement (13.3), and Entrepreneurship (13.4). Throughout a student's years at West Allegheny, they will participate in multiple learning experiences designed to meet one or more of the CEW Standards. The culmination of these experiences will result in a comprehensive Career and Education Work Standards Portfolio for each student, finalized during the Career Seminar course, typically during a student's junior year.

By the end of 11th grade, students must:

- Have a minimum of eight (8) pieces of evidence (at least two per grade level)
- Address each career strand (13.1, 13.2, 13.3, 13.4) at least once
- Include at least two pieces of evidence that demonstrate implementation of the student's individualized career plan

School sponsored activities designed as part of our comprehensive career education and work curriculum include:

Grade Level	Activity Description
9	Post-Secondary Institution Visit
9	Freshmen Transition Activity
9	Career Exploration Activities
10	Post-Secondary Institution Visit
10	Strengths Explorer Lesson
10	Student Services Lesson: Leadership Inventory
11	WA Career & College Fair
11	Choosing Wisely: Academic Planning and Career and College Pathways
11	Completed Curriculum Vitae as Culminating Project in Career Seminar & CEW Standards Portfolio
9-12	Evidence of successful completion of one of the Industry Based Learning Indicators as described below

These examples are provided as a guide and are subject to change and/or modification. Students who do not participate in the aligned activities and/or complete the associated assignments will be required to complete additional or alternate assignments to meet the corresponding standard strands.

II. Successful completion of *Industry Based Learning Indicator* by completing one (1) of the following

1. Demonstrated a high likelihood of success on the NOCTI assessment administered through Parkway West Career & Technology Center as measured by the pre-NOCTI scores and/or successful completion of assigned program objectives
2. Earned an approved industry recognized credential aligned with his/her career path (e.g. MSSC Processes & Production & Maintenance Awareness Cert – Manufacturing 1)
3. Participated in a school approved career mentoring experience (e.g. ECIHSA-PTC Health Sciences Academy, CCBC Aviation Academy, Future Educators of America, Child Development, JROTC)
4. Participated in a substantial service learning experience offered through the school and in partnership with an approved outside agency (e.g. Stand Together, Peer to Peer Empowerment, SADD, Varsity iLead)
5. Completed a work-based learning experience through three (3) job shadow experiences

Grading Scale

The West Allegheny School District utilizes the following grading scale. Quarterly report cards will designate student letter and percentage grades. Student transcripts will only reflect a student's final letter grade for each course. Courses graded as Pass/Fail will be designated with a P or F on both report cards and transcripts.

A 90 – 100%	P - Pass
B 80 – 89%	F - Fail
C 70 – 79%	I - Incomplete (awarded in special circumstances only)
D 60 – 69%	M - Medical (for physical education only)
F 59% and below	W - Withdrawal from a course after the first midterm of the first quarter (will remain on a student's transcript)
	X - Missing a major component of the course that MUST be completed to potentially pass the class. Seniors with an X grade will not be eligible for graduation.

Grade Point Values and Weighted Courses

Grade Point Average (GPA) will be calculated at the end of each marking period and will be printed on the official transcript. Post-secondary institutions often use the combination of the student's GPA and score on the SAT or ACT along with other selection criteria unique to the institution in making admissions decisions.

West Allegheny High School utilizes a three-tiered point system for weighting classes. Students who earn a letter grade of "A," "B," or "C" in a weighted course will be awarded additional grade points per grading period. The final letter grade will remain the same; only the grade points will change.

The tables below represent the weighted and non-weighted point values for all full credit courses and courses with a lab. Only the point values increase, the credit for each course remains the same. Additionally, the point values are lower for courses that are not a full credit.

Percentages	Grade	AP Courses	Other Honors Courses	All Other Courses
90-100	A	5.00	4.50	4.00
80-89	B	4.00	3.50	3.00
70-79	C	3.00	2.50	2.00
60-69	D	1.00	1.00	1.00
0-59	F	0	0	0

Percentages	Grade	AP Courses with a Lab	Other Honors Courses with a Lab	All Other Courses with a Lab
90-100	A	7.50	6.75	6.00
80-89	B	6.00	5.25	4.50
70-79	C	4.50	3.75	3.00
60-69	D	1.50	1.50	1.50
0-59	F	0	0	0

WAVA Advanced Placement (AP): Weighted on a 5.0 Scale

The Advanced Placement (AP) Program is a nationally recognized rigorous curriculum sponsored by the College Board. The AP Program provides an opportunity for high school students to choose college level courses and receive undergraduate college credits or advanced standing if their AP Exam scores qualify. Over 90% of colleges in the United States give credit or provide advanced standing to students whose AP Exam scores are acceptable. Please visit [CollegeBoard's AP Credit Policy website](#) to view policies regarding colleges awarding credit for AP Exam scores.

AP students will be required to take the AP Exam in May for each corresponding AP course in which they are enrolled. There is no cost to the student to take these exams. If for any reason, however, a student refuses to take any AP Exam(s) for which they are registered, the student will be entirely responsible for the cost of the exam of approximately \$95 plus any additional unused exam fees to West Allegheny School District. In addition to student responsibility for these fees, if an AP Exam is not taken, the AP designation will be removed from the corresponding course on the student's transcript and the course weight will be dropped to the 4.5 weighted scale.

West Allegheny High School prepares students for Advanced Placement (AP) Exams in the subjects listed below. Courses in ***italicized type*** may be taken by students in their sophomore year of high school.

Arts

AP Art History (WAVA ONLY)

English

AP English Language & Composition[#]

AP English Literature & Composition[#]

History and Social Sciences

AP Economics

History and Social Sciences (cont.)

AP Psychology

AP US Government & Politics

AP US History (WAVA ONLY)

AP World History

Mathematics

AP Calculus AB[#]

Sciences

AP Biology[#]

AP Chemistry[#]

World Language

AP French Language (WAVA ONLY)

AP Spanish Language

Additional Weighted WAVA Courses: Weighted on a 4.5 Scale

Business

Financial Accounting[#]

English

Honors English 9

Honors English 10

Mathematics

Honors Algebra 2[#]

Honors Trigonometry & Precalculus

Sciences

Honors Biology w/Lab

Honors Chemistry

History and Social Sciences

Honors US History

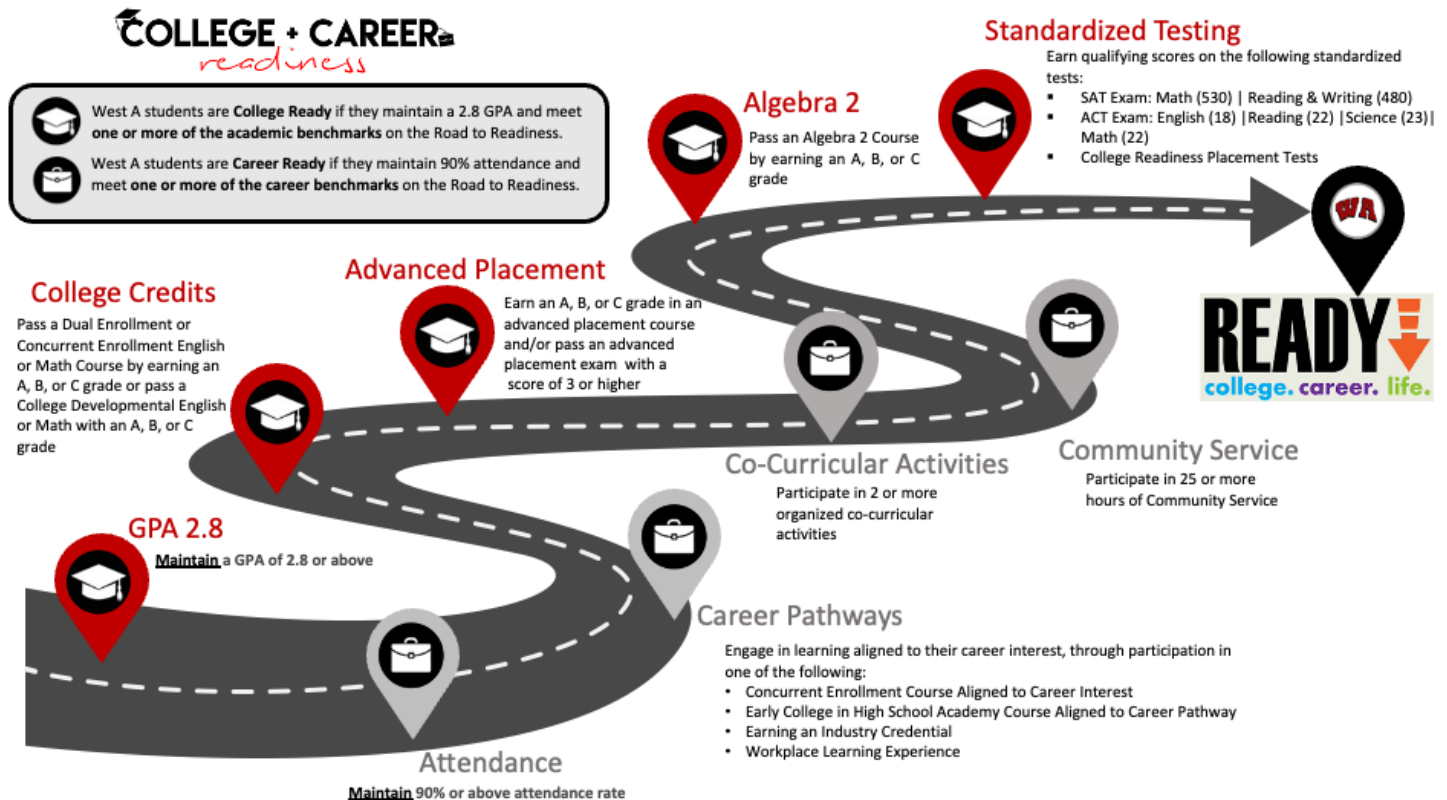
World Language

French IV (WAVA ONLY)

Spanish IV[#]

West Allegheny High School Career and College Pathways

The College and Career Road to Readiness maps out a student's journey through high school, preparing each student to enter and succeed in their post-secondary endeavors without the need for remediation. Throughout the high school experience, students study a rigorous, broad curriculum, preparing them to meet the national College and Career Readiness benchmarks. On the Road to Readiness, students maintain a minimum GPA of 2.8 and maintain 90% attendance while accomplishing additional milestones. Students develop the skills and knowledge necessary to be successful as they enter their post-secondary Career and College Pathways.



Career and College Pathways are designed to help focus student course selections and connect students to a viable career and/or a post-secondary program of study. Each student will identify with one or more concentration areas, based on individual interests, skills, and post-secondary goals. This section of our Program of Studies connects Career and College Pathways with our current course offerings. In addition, information regarding the Holland codes (an interest assessment) and career clusters are available in Appendix A to help connect students to aligned career paths based on strengths and skills. Potential career options and recommended courses are outlined in each Career and College Pathway concentration area.

In addition, students will learn about several careers through career exploration lessons, facilitated by our school counselors, at each grade level using Naviance Family Connection (Appendix A). Students will be provided opportunities to explore resources and interests as well as reflect on experiences that may help each student select their best pathway. Our goal is for students to personalize their course selections, both within and among the pathways, to navigate a well-rounded foundation while experiencing a variety of curricular options related to their post-secondary goal.

WAVA COURSE LIST

The courses offered through the West Allegheny Virtual Academy are listed alphabetical by department.

*	Course weighted on a 4.5 GPA scale	^	Course not transferrable to in-person course
**	Course weighted on a 5.0 GPA scale	BOLD TYPE	Course may count toward core course credit required for graduation (see the graduation requirements page for more information)
#	Course <u>does not</u> count towards credit in the Early College in High School Academy (ECIHS)	(S)	Semester

BUSINESS, COMPUTER, AND INFORMATION TECHNOLOGY

BUSINESS

- V614 Principles of Business [9-12]
V615 Marketing for Small Business [9-12]
V616 Financial Accounting** [10-12]

COMPUTER SCIENCE

- V630 CompTIA A+ # ^ [9-12]
V631 Networking Fundamentals # ^ [10-12]

Gaming

- V650 Intro to Game Design and Mobile Apps #^ [9-12]
V652 Web Technologies #^ [10-12]

ENGINEERING AND TECHNOLOGY EDUCATION

- V706 Principles of Architecture and Construction [9-12]
V708 CADD I [9-12]
V710 Manufacturing Principles#^ [9-12]
V714 Principles of Engineering and Technology #^ [9-12]
V717 Foundations of Green Energy [10-12]
V748 Media Arts I [9-12]
V749 Intro to Social Media (S – WAVA ONLY) [9-12]

ENGLISH LANGUAGE ARTS

- V101 English 9 [9]
V106 Honors English 9* [9]
V111 English 10 [10]
V112 Honors English 10* [10]
V120 English 11 [11]
V121 College Readiness English 11 [11]
V122 AP English Language & Composition** # [11-12]
V130 English 12 [12]
V131 College Readiness English 12 [12]
V132 AP English Literature & Composition** # [12]
V150 Creative Writing (S2 - WAVA ONLY) [11-12]
V154 Gothic Literature (S1 - WAVA ONLY) [11-12]

FAMILY AND CONSUMER SCIENCES

- V720 Culinary Arts I [9-12]
V725 Financial Literacy [11-12]
V727 Relationships and Parenting #^ [9-12]
V732 Child Development & Parenting #^ [10-12]

MATHEMATICS

- V307 Introduction to Algebra [9]
V308 Algebra 1 [9-10]
V310 Geometry [10-12]
V315 Algebra 2 [9-12]
V317 Honors Algebra 2* # [9-12]
V319 Trigonometry & Precalculus [10-12]
V320 Honors Trigonometry & Precalculus* [10-12]
V321 Discrete Math [11-12]
V322 Calculus [11-12]
V323 AP Calculus AB**# [11-12]

PERFORMING ARTS

- V778 Audio and Video Production I [9-12]
V779 Audio and Video Production II [10-12]
V790 Music Appreciation (S – WAVA ONLY) [9-12]

PHYSICAL EDUCATION AND HEALTH

- V800 Physical Education 0.25 (S) [9-12]
V801 Health & Wellness 9 (S) [9]
V802 Physical Education 0.5 [9-12]
V803 Health & Wellness 10 (S) [10]
V804 Physical Education 1.0 [9-12]
V820 Physical Conditioning 1.0 [9-12]
V821 Physical Conditioning 0.5 [9-12]
V831 Exercise Science [11-12]

SCIENCE

- V402 Biology with Lab [9]
V403 Honors Biology with Lab* [9]
V404 Conceptual Chemistry [10-11]
V405 Honors Chemistry* [10-11]
V406 Conceptual Physics [11-12]
V407 Physics [11-12]
V408 Forensic Science [11-12]
V409 Anatomy & Physiology* [11-12]
V410 AP Biology**# [10-12]
V411 AP Chemistry**# [11-12]
V425 Health Sciences (WAVA ONLY) [10]12]
V426 Introduction to Astronomy (S – WAVA ONLY) [10-12]
V427 Introduction to Marine Biology (S1 – WAVA ONLY) [10-12]
V428 Intro to Veterinary Science (S2 – WAVA ONLY) [10-12]

WAVA COURSE LIST

The courses offered through the West Allegheny Virtual Academy are listed alphabetical by department.

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**	Course weighted on a 5.0 GPA scale	BOLD TYPE	Course may count toward core course credit required for graduation (see the graduation requirements page for more information)
#	Course <u>does not</u> count towards credit in the Early College in High School Academy (ECIHSa)	(S)	Semester

SOCIAL STUDIES

V210	U.S. History [9]
V211	Honors U.S. History* [9]
V230	American Government [10-11]
V232	AP U.S. Government & Politics** # [10-12]
V236	World Cultures [11]
V238	AP World History** [11]
V239	AP United States History** (WAVA ONLY) [10-12]
V240	AP Psychology** # [11-12]
V242	AP Economics**# [11-12]
V243	Introduction to Criminology and Law # [10-12]
V244	Psychology & Sociology [11-12]
V246	Introduction to World Religions (S – WAVA ONLY) [11-12]
V247	Holocaust & Genocide Studies (S) [11-12]
V249	Current Affairs (S) [11-12]
V251	African American Studies [11-12]
V252	Native American Studies (S – WAVA ONLY) [11-12]
V253	Women's Studies (S – WAVA ONLY) [11-12]
V254	Introduction to Military Careers (S – WAVA ONLY) [11-12]

SPECIAL OPTIONS

College Entrance Exam Preparation Courses	
V670	ACT English Preparation (S – WAVA ONLY) [9-12]
V671	ACT Math Preparation (S – WAVA ONLY) [9-12]
V672	ACT Reading Preparation (S – WAVA ONLY) [9-12]
V673	ACT Science Preparation (S – WAVA ONLY) [9-12]
V675	SAT Math Preparation (S – WAVA ONLY) [9-12]
V675	SAT Reading Preparation (S – WAVA ONLY) [9-12]
V675	SAT Writing Preparation (S – WAVA ONLY) [9-12]

VISUAL ARTS

V703	Graphic Design and Illustration I (S – WAVA ONLY) [9-12]
V704	Graphic Design and Illustration II (S – WAVA ONLY) [9-12]
V740	Studio Art I [9-12]
V741	Studio Art II [10-12]
V742	Studio Art III [11-12]
V745	Art Appreciation (S – WAVA ONLY) [9-12]
V746	AP Art History** (WAVA ONLY) [11-12]

WORLD LANGUAGES

V500	Spanish I [9-12]
V501	Spanish II [9-12]
V502	Spanish III [10-12]
V503	Spanish IV* # [11-12]
V504	AP Spanish Language & Culture** [12]
V510	French I (WAVA ONLY) [9-12]
V511	French II (WAVA ONLY) [9-12]
V512	French III (WAVA ONLY) [10-12]
V513	French IV* (WAVA ONLY) [11-12]
V514	AP French Language & Culture** (WAVA ONLY) [12]
V520	German I [9-12]
V521	German II [9-12]
V522	German III [9-12]
V525	American Sign Language I (S1) [9-12]
V526	American Sign Language II (S2) [9-12]
V530	Mandarin Chinese I (WAVA ONLY) [9-12]
V531	Mandarin Chinese II (WAVA ONLY) [10-12]



West Allegheny High School 2022-2023
West Allegheny Virtual Academy Course Offerings



WAHS Courses Offered	Offered in WAVA	WAVA Course
ENGLISH COURSES		
0101 English 9	Y	V101 English 9
0106 Honors English 9*	Y	V106 Honors English 9*
0111 English 10	Y	V111 English 10
0112 Honors English 10*	Y	V112 Honors English 10*
0120 English 11	Y	V120 English 11
0121 College Readiness English 11	Y	V121 College Readiness English 11
0122 AP English Language & Composition** ECIHSA	Y - No ECIHSA Credit	V122 AP English Language & Composition**
0130 English 12	Y	V130 English 12
0131 College Readiness English 12	Y	V131 College Readiness English 12
0132 AP English Literature & Composition** ECIHSA	Y - No ECIHSA Credit	V132 AP English Literature and Composition**
0133 Classic & Modern Literature** ECIHSA	Not at this time	
0151 Oral Communications & Interpretation** ECIHSA	Not at this time	
V150 Creative Writing (S2 - WAVA ONLY)	Y	V150 Creative Writing (S2 - WAVA ONLY)
V154 Gothic Literature (S1 - WAVA ONLY)	Y	V154 Gothic Literature (S1 - WAVA ONLY)
SOCIAL STUDIES COURSES		
0200 AP Seminar**	Not at this time	
0201 AP Research**	Not at this time	
0210 U.S. History	Y	V210 U.S. History
0211 Honors U.S. History*	Y	V211 Honors U.S. History*
0230 American Government	Y	V230 American Government
0232 AP U.S. Government & Politics** ECIHSA	Y - No ECIHSA Credit	V232 AP U.S. Government & Politics**
0236 World Cultures (with Career Seminar)	Y	V236 World Cultures (with Career Seminar)
0238 AP World History**	Y	V238 AP World History**
V239 AP United States History** (WAVA ONLY)	Y	V239 AP United States History** (WAVA ONLY)
0240 AP Psychology** ECIHSA	Y - No ECIHSA Credit	V240 AP Psychology**
0242 AP Economics**	Y - No ECIHSA Credit	V242 AP Economics**
0243 Criminal Justice & Investigations** ECIHSA	Comparable - No ECIHSA Credit	V243 Intro to Criminology and Law
0244 Psychology & Sociology	Y	V244 Psychology and Sociology
0245 African American & Multicultural Studies	Comparable	V251 African American Studies
0247 Holocaust & Genocide Studies (S)	Y	V247 Holocaust and Genocide Studies (S)
0249 Current Affairs (S)	Y	V249 Current Affairs (S)
0250 Sociology of Sports (S)	Not at this time	
V256 Introduction to World Religions (S - WAVA ONLY)	Y	V246 Introduction to World Religions (S - WAVA ONLY)
V252 Native American Studies (S - WAVA ONLY)	Y	V252 Native American Studies (S - WAVA ONLY)
V253 Women's Studies (S - WAVA ONLY)	Y	V253 Women's Studies (S - WAVA ONLY)
	Y	V260 Intro to Military Careers (S - WAVA ONLY)

<div>West Allegheny High School 2022-2023</div> <div>West Allegheny Virtual Academy Course Offerings</div> <div></div>		
0261 USMC Junior ROTC I	Not at this time	
0262 USMC Junior ROTC II		
0263 USMC Junior ROTC III		
0264 USMC Junior ROTC IV		
MATH COURSES		
0307 Introduction to Algebra	Y	V307 Introduction to Algebra
0308 Algebra 1	Y	V308 Algebra 1
0310 Geometry	Y	V310 Geometry
0315 Algebra 2	Y	V315 Algebra 2
0317 HEC Algebra 2** ECIHSA	Y - No ECIHSA Credit	V317 Honors Algebra 2*
0319 Trigonometry & Precalculus	Y	V319 Trigonometry & Precalculus
0320 Honors Trigonometry & Precalculus*	Y	V320 Honors Trigonometry & Precalculus*
0321 Discrete Math	Y	V321 Discrete Math
0322 Calculus	Y	V322 Calculus
0323 AP Calculus AB** ECIHSA	Y - No ECIHSA Credit	V323 AP Calculus AB**
0324 AP Statistics** ECIHSA	Not at this time	
0325 AP Calculus BC** ECIHSA	Not at this time	
SCIENCE COURSES		
0402 Biology with Lab	Y	V402 Biology with Lab
0403 Honors Biology with Lab*	Y	V403 Honors Biology with Lab*
0404 Conceptual Chemistry	Y	V404 Conceptual Chemistry
0405 Honors Chemistry with Lab*	Y	V405 Honors Chemistry*
0406 Conceptual Physics	Y	V406 Conceptual Physics
0407 Physics	Y	V407 Physics
0408 Forensic Science	Y	V408 Forensic Science
0409 Anatomy & Physiology*	Y	V409 Anatomy and Physiology*
0410 AP Biology** ECIHSA	Y - No ECIHSA Credit	V410 AP Biology**
0411 AP Chemistry** ECIHSA	Y - No ECIHSA Credit	V411 AP Chemistry**
0412 AP Physics 1** ECIHSA	Not at this time	
0413 AP Physics 2** ECIHSA	Not at this time	
V425 Health Sciences (WAVA ONLY)	Y	V425 Health Sciences (WAVA ONLY)
V426 Introduction to Astronomy (S - WAVA ONLY)	Y	V426 Introduction to Astronomy (S - WAVA ONLY)
V427 Introduction to Marine Biology (S1 - WAVA ONLY)	Y	V427 Introduction to Marine Biology (S1 - WAVA ONLY)
V428 Introduction to Veterinary Science (S2 - WAVA ONLY)	Y	V428 Introduction to Veterinary Science (S2 - WAVA ONLY)



West Allegheny High School 2022-2023 West Allegheny Virtual Academy Course Offerings



WORLD LANGUAGE COURSES		
0500 Spanish I	Y	V500 Spanish I
0501 Spanish II	Y	V501 Spanish II
0502 Spanish III	Y	V502 Spanish III
0503 HEC Spanish IV** ECIHSA	Y - No ECIHSA Credit	V503 Spanish IV*
0504 AP Spanish Language & Culture**	Y	V504 AP Spanish Language and Culture**
V510 French I (WAVA ONLY)	Y	V510 French I (WAVA ONLY)
V511 French II (WAVA ONLY)	Y	V511 French II (WAVA ONLY)
V512 French III (WAVA ONLY)	Y	V512 French III (WAVA ONLY)
V513 French IV* (WAVA ONLY)	Y	V513 French IV* (WAVA ONLY)
V514 AP French Language & Culture** (WAVA ONLY)	Y	V514 AP French Language and Culture** (WAVA ONLY)
0520 German I	Y	V520 German I
0521 German II	Y	V521 German II
0522 German III	Y	V522 German III
0523 HEC German IV** ECIHSA	Not at this time	
0524 AP German Language & Culture**	Not at this time	
0525 American Sign Language I (S1)	Y	V525 American Sign Language I (S1)
0526 American Sign Language II (S2)	Y	V526 American Sign Language II (S2)
V530 Mandarin Chinese I (WAVA ONLY)	Y	V530 Mandarin Chinese I (WAVA ONLY)
V531 Mandarin Chinese II (WAVA ONLY)	Y	V531 Mandarin Chinese II (WAVA ONLY)
BUSINESS, COMPUTER & INFORMATION TECH		
Business		
0611 Yearbook	Not at this time	
0614 Intro to the Business World** ECIHSA	Y - No ECIHSA Credit	V614 Principles of Business
0615 Fundamentals of Marketing & Management** ECIHSA	Y - No ECIHSA Credit	V615 Marketing for Small Business
0616 Financial Accounting** ECIHSA	Y - No ECIHSA Credit	V612 Financial Accounting*
Computer Science		
0617 AP Computer Science Principles**	Not at this time	
0618 AP Computer Science A** ECIHSA	Not at this time	
0619 Intro to Data Analytics with Python** ECIHSA	Not at this time	
0620 Programming in C & C++ ** ECIHSA	Not at this time	
Multimedia Games Simulation		
0621 Introduction to Game Design** ECIHSA	Comparable - No ECIHSA Credit	V650 Intro to Game Design and Mobile Apps (not transferrable to in-person class)
0622 Developing Multimedia Websites** ECIHSA	Comparable - No ECIHSA Credit	V652 Web Technologies (not transferrable to in-person class)
0623 3D Modeling & Animation** ECIHSA	Not at this time	
0624 Game Production & Marketing** ECIHSA	Not at this time	
0625 3D Game Development** ECIHSA	Not at this time	
0626 Virtual Reality** ECIHSA	Not at this time	
0612 Multimedia Graphics** ECIHSA	Not at this time	
Cybersecurity		

 West Allegheny High School 2022-2023 West Allegheny Virtual Academy Course Offerings 		
0627 IT Fundamentals** ECIHSA	Y - No ECIHSA Credit	V630 CompTIA A+ (not transferrable to in-person class)
0628 Principles of Networking & Cybersecurity** ECIHSA	Y - No ECIHSA Credit	V631 Networking Fundamentals (not transferrable to in-person class)
0629 Ethical Hacking** ECIHSA	Not at this time	
0630 Network & Infrastructure Security** ECIHSA	Not at this time	
0632 Cybersecurity Capstone** ECIHSA	Not at this time	
0633 Linux System Administration** ECIHSA	Not at this time	
0634 Windows Server Administration** ECIHSA	Not at this time	
ENGINEERING & TECHNOLOGY EDUCATION		
Mechatronics		
0700 Manufacturing I** ECIHSA	Comparable - No ECIHSA Credit	V710 Manufacturing Principles (not transferrable to in-person class)
0701 Home Systems** ECIHSA	Not at this time	
0716 Digital Electronics** ECIHSA	Not at this time	
0702 Fluid Robotics** ECIHSA	Not at this time	
0703 Programming Logic Controllers** ECIHSA	Not at this time	
Engineering		
0714 Intro to Engineering Design** ECIHSA	Comparable - No ECIHSA Credit	V714 Principles of Engineering & Technology
0709 CADD II** ECIHSA	Not at this time	
0715 Engineerin Materials** ECIHSA	Not at this time	
Technology Education		
0704 Principles of Technology	Not at this time	
705 Architectural Design	Not at this time	
0706 Drawing and Design for Engineering & Architecture	Y	V706 Principles of Architecture & Construction
0708 CADD I	Y	V708 CADD I
0710 CADD III	Not at this time	
0712 Manufacturing Technology II	Not at this time	
0713 Do It Yourself (DIY)	Not at this time	
V717 Foundations of Green Energy (WAVA ONLY)	Y	V717 Foundations of Green Energy (WAVA ONLY)
0748 Media Arts	Y	V748 Media Arts
V749 Introduction to Social Media (S - WAVA ONLY)	Y	V749 Introduction to Social Media (S - WAVA ONLY)
FAMILY AND CONSUMER SCIENCES		
0720 Exploring Foods	Comparable	V720 Culinary Arts
0725 Financial Literacy: Surviving the Real World	Y	V725 Financial Literacy
0727 Family and Community Relations** ECIHSA	Comparable - No ECIHSA Credit	V727 Relationships and Parenting
0732 Child Development I** ECIHSA	Comparable - No ECIHSA Credit	V732 Child Development & Parenting (not transferrable to in-person class)
0733 Child Development II** ECIHSA	Not at this time	
0735 Partners in Education: Exploring Foods** ECIHSA	Not at this time	



**West Allegheny High School 2022-2023
West Allegheny Virtual Academy Course Offerings**



VISUAL AND MEDIA ARTS		
0740 Art I	Y	V740 Studio Art I
0741 Art II	Y	V741 Studio Art II
0742 Art III	Y	V742 Studio Art III
0743 Honors Art IV*	Not at this time	
0744 AP Drawing**	Not at this time	
0745 Ceramics	Not at this time	
0746 Advanced Ceramics	Not at this time	
V703 Graphic Design and Illustration I (S1 - WAVA ONLY)	Y	V703 Graphic Design and Illustration I (S1 - WAVA ONLY)
V704 Graphic Design and Illustration II (S2 - WAVA ONLY)	Y	V704 Graphic Design and Illustration II (S2 - WAVA ONLY)
V745 Art Appreciation (S - WAVA ONLY)	Y	V745 Art Appreciation (S - WAVA ONLY)
V746 AP Art History** (WAVA ONLY)	Y	V746 AP Art History** (WAVA ONLY)
PERFORMING ARTS		
0749 Beginning Band (3-day option – 0752)	Not at this time	
0750 Band I (3-day option – 0751)	Not at this time	
0753 Band II (3-day option – 0754)	Not at this time	
0756 Band III <i>by audition only</i> (3-day option – 0757)	Not at this time	
0760 Jazz Studies: Instrumental (3-days)	Not at this time	
0762 Beginning Piano (3-days)	Not at this time	
0763 Intermediate Piano (3-days)	Not at this time	
0764 Beginning Guitar (3-days)	Not at this time	
0765 Intermediate Guitar (3-days)	Not at this time	
0766 Chorus (3-day option – 0768)	Not at this time	
0770 Vocal Studies (3-days)	Not at this time	
0774 Show Choir <i>by audition only</i> (3-day option – 0775)	Not at this time	
0777 Digital Audio Production I (3-day option – 0778)	Comparable	V778 Audio and Video Production I
0779 Digital Audio Production II (3-day option – 0780)	Comparable	V779 Audio and Video Production II
0785 Technical Theatre (3-days)	Not at this time	
0792 Dance (3-day option – 0793)	Not at this time	
V790 Music Appreciation (S - WAVA ONLY)	Y	V790 Music Appreciation (S - WAVA ONLY)



West Allegheny High School 2022-2023
West Allegheny Virtual Academy Course Offerings



PHYSICAL EDUCATION AND HEALTH

0800 Physical Education (S) – 3-day	Y	V800 Physical Education 0.25 (S)
0801 Health & Wellness 9 (S) – 3-day	Y	V801 Health and Wellness 9 (S2)
0803 Health & Wellness 10 (S) – 3-day	Y	V803 Health and Wellness 10 (S1)
0804 Physical Education – (3-day option - 0802)	Y	V804 Physical Education 1.0 (.50 credit option - V802)
0820 Physical Conditioning (3-day option – 0821)	Y	V820 Physical Conditioning 1.0 (.50 credit option - V821)
0831 Exercise Science	Y	V831 Exercise Science

COLLEGE ENTRANCE EXAM PREPARATION

V670 ACT English Preparation (S - 0.25) (WAVA ONLY)	Y	V670 ACT English Preparation (S - 0.25) (WAVA ONLY)
V671 ACT Mathematics Preparation (S - 0.25) (WAVA ONLY)	Y	V671 ACT Mathematics Preparation (S - 0.25) (WAVA ONLY)
V672 ACT Reading Preparation (S - 0.25) (WAVA ONLY)	Y	V672 ACT Reading Preparation (S - 0.25) (WAVA ONLY)
V673 ACT Science Preparation (S - 0.25) (WAVA ONLY)	Y	V673 ACT Science Preparation (S - 0.25) (WAVA ONLY)
V675 SAT Mathematics Preparation (S - 0.25) (WAVA ONLY)	Y	V675 SAT Mathematics Preparation (S - 0.25) (WAVA ONLY)
V676 SAT Reading Preparation (S - 0.25) (WAVA ONLY)	Y	V676 SAT Reading Preparation (S - 0.25) (WAVA ONLY)
V677 SAT Writing Preparation (S - 0.25) (WAVA ONLY)	Y	V677 SAT Writing Preparation (S - 0.25) (WAVA ONLY)

WAVA HS Course Descriptions

BUSINESS, COMPUTER and INFORMATION TECHNOLOGY

BUSINESS

V614 PRINCIPLES OF BUSINESS

1.0 CREDIT

This introductory business course is intended as a practical, hands-on guide to help students understand the skills required to achieve success in modern-day careers in the business, marketing and finance cluster. This course covers major business concepts including finance, operations and management.

*NOTE: This course **does not** count towards credit in the Early College in High School Academy (ECIHS). This course is comparable to HS course 0614 Introduction to the Business World.*

Grade level: 9, 10, 11, 12

V615 MARKETING FOR SMALL BUSINESS

1.0 CREDIT

This course is intended to help students learn about the scope and importance of marketing, advertising, and sales in a business. This course will cover various marketing functions, product planning, advertising operations, and the process of selling. Students will also learn about the laws and regulations in marketing as well as business ethics.

*NOTE: This course **does not** count towards credit in the Early College in High School Academy (ECIHS). This course is comparable to HS course 0615 Fundamentals of Marketing and Management.*

Grade level: 9, 10, 11, 12

V616 FINANCIAL ACCOUNTING*

1.0 CREDIT

This rigorous course is intended to help students understand the accounting functions specific to different kinds of businesses. This course covers the fundamentals of bookkeeping and financial statements. It also covers career opportunities and the key government regulations in the accounting field. It also covers the accounting functions of different business types and the specialized accounting tasks related to them. Additional, students will learn about the essentials interpersonal and workplace skills required as a professional in this field. ***Students may earn a weighted grade on the 4.5 scale for this course.**

*NOTE: This course **does not** count towards credit in the Early College in High School Academy (ECIHS). This course is comparable to HS course 0616 Financial Accounting.*

Grade level: 10, 11, 12

This course may count toward a student's fourth math credit.

COMPUTER

V630 COMP TIA A+

1.0 CREDIT

This course begins by describing computer hardware parts and peripherals. Students will explain network fundamentals, network hardware, and wireless networking. Students will also explain virtualization and cloud concepts. Students will be able to describe features of laptop and mobile devices and how to troubleshoot issues related to hardware, networks, storage, mobile devices, and printers. The course will cover the Windows operating systems and explain the change management process. Student will identify methods of disaster prevention and recovery, security threats and describe various prevention methods. This course is focused on the exam objectives of CompTIA A+ 220-1001 and CompTIA A+ 220-1002.

*NOTES: This course **does not** count towards credit in the Early College in High School Academy (ECIHS). This course is comparable to HS course 0627 IT Fundamentals.*

Grade level: 9, 10, 11, 12

V631 NETWORKING FUNDAMENTALS

1.0 CREDIT

The Networking Fundamentals course focuses on the exam objectives of CompTIA Network+ certification N10-007. Students will learn about the types of networks, network topologies, the Open Systems Interconnection (OSI) model, Internet protocol addresses, routing, and switching. Students will learn about wireless technologies, virtualization, cloud concepts, and network services. Students will learn about network cables, connectors, network devices, network storage technologies, and wide area networks. Students will learn about network documentation, network monitoring, and remote access methods. Students will learn about business continuity, disaster recovery methods, as well as physical and logical security methods. Students will learn how to secure a wireless network. Students will also learn about network attacks, and various device hardening and mitigation techniques. Finally, students will learn how to troubleshoot issues related to wired connectivity, wireless connectivity, and network services.

*NOTE: This course **does not** count towards credit in the Early College in High School Academy (ECIHS). This course is comparable to HS course 0628 Principles of Networking & Cybersecurity.*

Prerequisite: IT Fundamentals or CompTIA A+ (WAVA)

Grade level: 10, 11, 12

GAMING AND MULTI-MEDIA

V650 INTRO TO GAME DESIGN AND MOBILE APPS

1.0 CREDIT

This course begins with describing the history of video games and the early devices used to play games. Students continue to learn about player goals, game genres, player motivations, and demographics, story elements in video games, character development, and level design. Students will describe the various components of game interfaces, game audio, and mobile and social gaming. Student will also identify and evaluate different careers in the video game industry. This course will look at how other mobile applications are developed.

*NOTE: This course **does not** count towards credit in the Early College in High School Academy (ECIHS). This course is comparable to HS course 0621 Intro to Game Design.*

Grade level: 9, 10, 11, 12

V652 WEB TECHNOLOGIES

1.0 CREDIT

This course will cover careers in web technology, uses of web technology, and emerging trends in web technology. It also covers principles of design and creation of graphics. In addition, the course covers Internet protocols, web development tools, and client-server processing. The course also covers web page creation and website design. Students will learn about the creation of desktop publishing and multimedia projects. It also covers legal and ethical issues related to the Internet and website design. Students will be exposed to HTML, style sheets, JavaScript, DHTML and XML. Finally, the course covers web maintenance and web administration.

*NOTE: This course **does not** count towards credit in the Early College in High School Academy (ECIHS). This course is comparable to HS course 0622 Developing Multimedia Websites.*

Prerequisite: Introduction to Game Design or Intro to Game Design and Mobile Apps (WAVA)

Grade level: 10, 11, 12

ENGINEERING AND TECHNOLOGY EDUCATION

V706 PRINCIPLES OF ARCHITECTURE AND CONSTRUCTION

1.0 CREDIT

This interactive course empowers students with the knowledge to appreciate and evaluate career opportunities in architecture and construction. With an emphasis on developing critical thinking skills, this course includes a variety of activities as students learn about structures and loads, materials and costs, urban design, and other aspects of these fascinating career opportunities.

NOTE: This course is comparable to HS course 0706 Drawing and Design for Engineering & Architecture.

Grade level: 9, 10, 11, 12

V708 CADD I

1.0 CREDIT

This course covers the fundamental concepts of drafting and design, types of drafting tools, drafting conventions, sketching and drawing techniques, types of views and projections. Students will learn about the design and development of a prototype, different types of drawings and views, basic and advanced computer-aided design and drafting (CADD) operations, and key professional and personal skills that are helpful in having a successful career in the field of drafting and design.

NOTE: This course is comparable to HS course 0708 CADD I.

Prerequisite: *Drawing and Design for Engineering and Architecture
or Principles of Architecture and Construction (WAVA)*

Grade level: 9, 10, 11, 12

V710 MANUFACTURING PRINCIPLES

0.5 CREDIT

This course will cover the history and evolution of manufacturing, manufacturing processes, engineering design, and production systems. Students will also demonstrate the importance of safe work environment and quality control systems. This course will help students identify the importance of maintenance and marketing, and identify key professional and personal skills that are helpful in having a successful career in the field of manufacturing.

*NOTE: This course **does not** count towards credit in the Early College in High School Academy (ECIHTSA). This course is comparable to HS course 0700 Manufacturing I.*

Grade level: 9, 10, 11, 12

V714 PRINCIPLES OF ENGINEERING AND TECHNOLOGY

1.0 CREDIT

This course will cover evolution of engineering and technology, careers in engineering, engineering systems and technologies, engineering design, manufacturing processes and materials, communication skills, and team and resource management. Additionally, this course will discuss the ethical issues related to the use of technology. This will cover concepts such as compound machines and mechanisms, fluid systems, thermal systems, and electrical circuits.

*NOTE: This course **does not** count towards credit in the Early College in High School Academy (ECIHTSA). This course is comparable to HS course 0714 Intro to Engineering Design.*

Grade level: 9, 10, 11, 12

V717 FOUNDATIONS OF GREEN ENERGY**1.0 CREDIT**

This course is for high school students who want to understand the rapidly growing and evolving energy field, with special emphasis on electrical energy and on new and emerging energy technologies. The course is designed to address state standards in the Energy and STEM domains as well as the Energy Industry Fundamentals Certificate Program (EIFCP) standards developed by the Center for Energy Workforce Development (CEWD). Unit topics include the energy industry; energy science and efficiency; electrical generation, transmission, and distribution; conventional, alternative, and emerging energy sources; health, safety, and security issues; and energy careers and pathways, from entry level to professional.

***Prerequisite:** Introduction to Engineering or Principles of Engineering and Technology (WAVA) with concurrent enrollment in Algebra 2 or higher math course*

***Grade level:** 10, 11, 12*

V748 MEDIA ARTS**1.0 CREDIT**

This is intended as a practical, hands-on guide to help students understand the concepts of digital and interactive media. This course will cover careers, training, and emerging technologies in digital media. This course familiarizes students with the concepts involved in digital media, such as graphic design, digital photography, principles of design, digital printing and audio and video technologies.

***NOTE:** This course is comparable to HS course 0748 Media Arts.*

***Grade level:** 9, 10, 11, 12*

V749 INTRODUCTION TO SOCIAL MEDIA (Sem)**0.5 CREDIT**

This course helps students understand the world of social media and how individuals, social groups, and businesses are using different types of social media. The course will discuss various types of social media and the technologies. This course will also explore how technological advances (specifically in mobile devices) and the legal environment impact social media and how businesses use social media in their marketing activities.

***Grade level:** 9, 10, 11, 12*

WEST ALLEGHENY VIRTUAL ACADEMY

ENGLISH SEQUENCE

9TH GRADE	ENGLISH 9 HONORS ENGLISH 9^{PR}
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10TH GRADE	ENGLISH 10 HONORS ENGLISH 10^{PR}
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11TH GRADE	ENGLISH 11 COLLEGE READINESS ENGLISH 11 AP ENGLISH LANGUAGE & COMPOSITION^{PR}
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12TH GRADE	AP ENGLISH LANGUAGE & COMPOSITION^{PR} AP ENGLISH LITERATURE & COMPOSITION^{PR} COLLEGE READINESS ENGLISH 12 ENGLISH 12
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^{PR} - Check prerequisites in course descriptions

ENGLISH LANGUAGE ARTS

V101 ENGLISH 9

1.0 CREDIT

In English 9 students will analyze techniques in poetry, fiction, and nonfiction texts to analyze thematic connections and inform their writing. Students will examine a collection of diverse, authentic texts and analyze the techniques used by their authors. Texts in this course are diverse, authentic, complex, and rich in length. Features to support student mastery included guided notes and graphic organizers. Scaffolding pieces, such as Clarifying Big Ideas (CBI) lessons are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning.

NOTE: This course is comparable to HS course 0101 English 9.

V106 HONORS ENGLISH 9

1.0 CREDIT

Honors English 9 establishes the foundation for the AP English program. Students will analyze techniques in poetry, fiction, and nonfiction texts to analyze thematic connections and inform their writing. Students will examine a collection of diverse, authentic texts and analyze the techniques used by their authors. Students will then apply that learning to their own writing, drawing on a wide range of authorial techniques to support their own development as an author and thinker. Students will continue to build on analysis and writing skills through exploration of drama, historical documents, speeches, and shorter fictional texts. ***Students may earn a weighted grade on the 4.5 scale for this course.**

NOTE: This course is comparable to HS course 0106 Honors English 9.

Prerequisite: "B" in 8th grade English, teacher recommendation

V111 ENGLISH 10

1.0 CREDIT

English 10 will continue to reinforce and refine the skills acquired in English 9. Student will closely read classic, modern, and world literature to explore themes, literary elements, and word choice. By reading a variety of informational texts, students will analyze the development of central ideas through the structure and vocabulary. Throughout the course students will compose their own texts and brief analyses to demonstrate their learning. Students will take the Literature Keystone Exam towards the end of the year. A proficient score is required. If a proficient score is not achieved, remediation will be required.

NOTE: This course is comparable to HS course 0111 English 10.

V112 HONORS ENGLISH 10

1.0 CREDIT

Honors English 10 continues building a foundation for the AP English program. Student will closely read classic, modern, and world literature to explore themes, literary elements, and word choice. By reading a variety of informational texts, students will analyze the development of central ideas through the structure and vocabulary. Students will closely read classic, modern, and world literature to explore themes through characterization and the structure of literary texts. Students will read seminal documents to understand how authors develop an effective argument. In the culminating unit, students will use all the skills they have learned in this course to write a research paper from selected texts. Students will take the Literature Keystone Exam towards the end of the year. A proficient score is required. If a proficient score is not achieved, remediation will be required. ***Students may earn a weighted grade on the 4.5 scale for this course.**

NOTE: This course is comparable to HS course 0112 Honors English 10.

Prerequisite: "B" in English 9 or Honors English 9, teacher recommendation

V120 ENGLISH 11**1.0 CREDIT**

English 11 is designed to continue to strengthen the skills developed in Academic English 10 in both reading and writing. Writing for business purposes is a focus of the course. Readings are tiered with pre-reading information, interactions, and activities to engage learners in the content. The lessons focus on developing grammar, vocabulary, speech, and writing skills.

NOTE: This course is comparable to HS course 0120 English 11.

V121 COLLEGE READINESS ENGLISH 11**1.0 CREDIT**

College Readiness English 11 explores the relation between American history and literature from the colonial period through the realism and naturalism eras. The course also explores the relation between American history and literature from the modernist period through the contemporary era, and presents learners with relevant cultural and political history. Readings are scaffolded with pre-reading information, interactions, and activities to actively engage learners in the content. The lessons focus on developing grammar, vocabulary, speech, and writing skills.

NOTE: This course is comparable to HS course 0121 College Readiness English 11.

V122 AP ENGLISH LANGUAGE and COMPOSITION****1.0 CREDIT**

Students in AP English Language and Composition study how writers use language to create meaning. Students will read a variety of nonfiction prose and will analyze many styles and genres including essays, journalism, political writing, science writing, nature writing, autobiographies/biographies, diaries, speeches, history writing, and criticism. Students focus the majority of their practice on writing expository, analytical, and argumentative essays. In addition to writing, students also study visual rhetoric such as photographs, advertisements, and political cartoons. As suggested in the AP English Course Description, students learn “to read primary and secondary sources carefully, to synthesize material from these texts in their own compositions, and to cite sources using conventions recommended by the Modern Language Association. Students will be required to take the Advanced Placement exam at the end of the course. ****Students may earn a weighted grade on the 5.0 scale for this course.**

*NOTE: This course **does not** count towards credit in the Early College in High School Academy (ECIHS). This course is comparable to HS course 0122 AP English Language and Composition.*

Prerequisite: “B” in English 10, Honors English 10, or College Readiness English 11, teacher recommendation

Grade level: 11, 12

V130 ENGLISH 12**1.0 CREDIT**

English 12 is designed to prepare students for the rigors and demands of the workforce, military, or college. Materials for study will be drawn from novels, non-fiction texts, work manuals, publications and more. Writing for business purposes is a focus of the course. Students will learn how to communicate effectively through email and instant messaging, as well as format specific types of business messages and workplace documents. The role of digital media, visuals, and graphics in workplace communication will be explored.

NOTE: This course is comparable to HS course 0130 English 12.

V131 COLLEGE READINES ENGLISH 12**1.0 CREDIT**

English is the study of the creation and analysis of literature written in the English language. In College Readiness English 12, students will explore the relation between history and literature from the Anglo-Saxon period through the modern era. Students will read and analyze a variety of literary works by using relevant cultural and political history presented in each lesson. In this course, students will also study a variety of techniques to improve reading comprehension, writing skills, and grammar and mechanics. The instruction covers many types of writing: creative, descriptive, expository, narrative, and persuasive. In addition, students will complete writing activities using their analytical and persuasive skills.

NOTE: This course is comparable to HS course 0131 College Readiness English 12.

V132 AP ENGLISH LITERATURE and COMPOSITION****1.0 CREDIT**

Each unit of the course will address some aspect of writing and will provide representative samples of literary works. In some units, the learner will engage in greater in-depth analysis of a literary work, as the focus of the Advanced English Literature & Composition course is to provide both breadth and depth of coverage in the readings. Learners will deepen their understanding of the ways authors use language to bring meaning and entertainment to their readers. Readings in this course will be active and extensive. The types of writing in the course are varied and include writing arguments, analysis, interpretations, evaluations, and even college application essays/letters. Writing is an essential part of this course, and the writing instruction will include elements of style as well as elements of precision and correctness. Students will be required to take the Advanced Placement exam at the end of this course. This course has a summer reading and writing requirement; students should collect the materials before they leave school for the summer. ****Students may earn a weighted grade on the 5.0 scale for this course.**

*NOTE: This course **does not** count towards credit in the Early College in High School Academy (ECIHS). This course is comparable to HS course 0132 AP English Literature and Composition.*

Prerequisite: "B" in College Readiness English 11 or AP English Language & Composition, teacher recommendation

Grade level: 12

V150 CREATIVE WRITING (Sem)**0.5 CREDIT**

Literature is an important form of art that allows us to give voice to our emotions, create imaginary worlds, express ideas, and escape the confines of reality. Explore the writing process and find inspiration to build a story of your own, and learn literary techniques to create hybrid forms of poetry and prose. Let's turn your creative thoughts and ideas into pieces of creative writing.

Prerequisite: Teacher recommendation

Grade level: 11, 12

V154 GOTHIC LITERATURE (Sem)**0.5 CREDIT**

In Gothic Literature, students will learn about how some of the world's greatest authors from the 19th century through today used Gothic elements to tackle issues that needed serious attention: the class system, gender norms, racism, social injustice, and more! Grab your monster gear and explore why Gothic literature has retained its appeal even with today's audiences.

Prerequisite: Teacher recommendation

Grade level: 11, 12

FAMILY and CONSUMER SCIENCES

V720 CULINARY ARTS I

1.0 CREDIT

Thinking of a career in the food service industry or looking to develop your culinary skills? This introductory course will provide students with basic cooking and knife skills while preparing them for entry into the culinary world. Discover the history of food culture, food service, and global cuisines while learning about food science principles and preservation. Examine sustainable food practices and the benefits of nutrition while maintaining taste, plating, and presentation.

NOTE: This course is comparable to HS course 0720 Exploring Foods.

Grade level: 9, 10, 11, 12

V725 FINANCIAL LITERACY

1.0 CREDIT

Everyone knows money is important in life. But how important? In fact, the financial decisions someone makes today may have a lasting effect on their future. Rather than feeling anxious about money feel empowered by learning how to make smart decisions! Financial Literacy will begin the conversation around how to spend and save money wisely, investing in safe opportunities and the days ahead. Learning key financial concepts around taxes, credit, and money management will provide both understanding and confidence to navigate the route to future security.

NOTE: This course is comparable to HS course 0725 Financial Literacy: Surviving the Real World.

Grade level: 11, 12

V727 RELATIONSHIPS and PARENTING

1.0 CREDIT

In this course, students examine the family unit and characteristics of healthy and unhealthy relationships at different phases of life. Students learn about the life cycle and the different stages of development from infancy to adulthood. This course will also focus on a variety of skills to improve relationships and family living, including coping skills, communication skills, refusal skills, and healthy living habits. Students will learn about parenting including what to prepare for, what to expect, and what vital steps a parent can take to create the best environment and life for their child. Parenting roles and responsibilities; nurturing and protective environments for children; positive parenting strategies and effective communication in parent/child relationships are some of the topics covered in this course.

*NOTE: This course **does not** count towards credit in the Early College in High School Academy (ECIHS). This course is comparable to HS course 0727 Family and Community Relations..*

Grade level: 9, 10, 11, 12

V732 CHILD DEVELOPMENT I

1.0 CREDIT

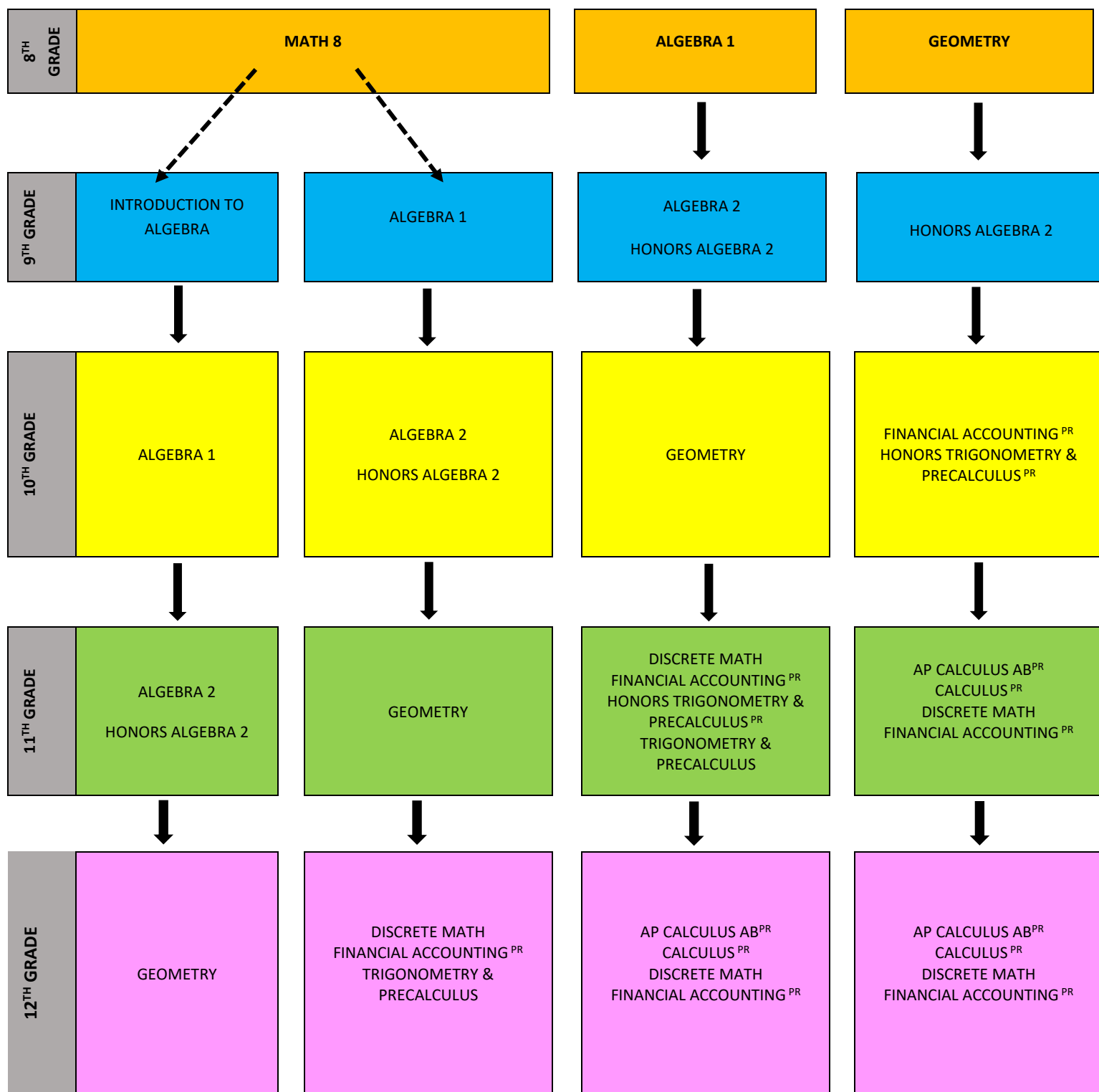
This course explores the fundamentals of childcare, like nutrition and safety, but also the complex relationships caregivers have with parents and their children. Students will examine the various life stages of child development and the best educational practices to enrich their minds while thinking about a possible future as a childcare provider. Students will learn about the importance of play and use it to build engaging educational activities that build literacy and math skills through each stage of childhood and special need.

*NOTE: This course **does not** count towards credit in the Early College in High School Academy (ECIHS). This course is comparable to HS course 0732 Child Development I.*

Grade level: 10, 11, 12

WEST ALLEGHENY VIRTUAL ACADEMY

MATH SEQUENCE



^{PR} - Check prerequisites in course descriptions

*Students are encouraged to move diagonally across the pathways

MATH

V307 INTRODUCTION TO ALGEBRA

1.0 CREDIT

Introduction to Algebra builds a solid foundation of basic algebraic skills and concepts, while developing critical thinking skills. Topics include basic pre-algebra, operations and real numbers, linear equations/inequalities, and equation solving and polynomials functions.

NOTE: This course is comparable to HS course 0307 Introduction to Algebra.

Prerequisite: Solid background in basic computations and teacher recommendation

Grade level: 9

V308 ALGEBRA 1

1.0 CREDIT

Algebra I is designed to build, develop, and periodically assess student's subject-matter knowledge while strengthening their mathematical skills. Linear relationships are a main focus of this course. Other topics include exponential relationships, descriptive statistics, equations and expressions, and quadratic functions and modeling. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist students in their understanding of the concepts. Guided notes are available for students to download for students to record key takeaways as they move through the tutorials. Upon completion of the course, all students will take the Algebra Keystone Exam.

NOTE: This course is comparable to HS course 0308 Algebra 1.

Prerequisite: Solid background in basic computations and teacher recommendation

Grade level: 9, 10

V310 GEOMETRY

1.0 CREDIT

Geometry is a branch of mathematics that uses logic and formal thinking to establish relationships among points, lines, angles, plane figures, and solids, and to define their properties. In Geometry students will explore foundations of geometry, coordinate geometry, and rigid and non-rigid transformations of figures in the coordinate plane, using them to establish congruence and similarity of polygons. Students will investigate and prove theorems about lines, angles, triangles, parallelograms, and other polygons and build geometric constructions using both basic tools and technology. This course will also explore right triangles, trigonometry, and properties of circles and apply geometric concepts to probability.

NOTE: This course is comparable to HS course 0310 Geometry.

Prerequisite: Algebra 1 and Algebra 2

Grade level: 9, 10

V315 ALGEBRA 2

1.0 CREDIT

Algebra II continues to strengthen mathematic skills by focusing on understanding how expressions and functions can model relationships. The course has a concentrated focus on polynomial, radical, and rational functions, so students will expand their arithmetic skills to include polynomial, radical, and rational relationships. Students study exponential and logarithmic equations and functions, discovering relationships and ways these function types can model real-world situations. Students will also build understanding of the key concepts of statistics and probability to investigate sampling techniques and make inferences from data.

NOTE: This course is comparable to HS course 0315 Algebra 2.

Prerequisite: Algebra 1

Grade level: 9, 10, 11

V317 HONORS ALGEBRA 2***1.0 CREDIT**

Honors Algebra 2 is a rigorous mathematics course that prepares students for advanced mathematics. Students will expand their arithmetic skills to include polynomial, radical, and rational expressions and equations. Students will also study exponential and logarithmic equations and functions, discovering relationships and ways these function types can model real-world situations. Students will learn about piecewise functions and their key features, and closely compare the key features of different function types. This course includes lessons that focus on trigonometric functions and their features, emphasizing transformations and modeling phenomena. Finally, students will build their understanding of the key concepts of statistics and probability to investigate sampling techniques and make inferences from data.

***Students may earn a weighted grade on the 4.5 scale for this course.**

*NOTE: This course **does not** count towards credit in the Early College in High School Academy (ECIHS). This course is comparable to HS course 0317 Honors Early College Algebra 2.*

Prerequisite: "B" or higher in Algebra 1 and teacher recommendation

Grade level: 9, 10, 11

V319 TRIGONOMETRY/PRECALCULUS**1.0 CREDIT**

Trigonometry/Precalculus builds on algebraic concepts to prepare students for calculus. The course begins with a review of basic algebraic concepts and moves into operations with functions, where students manipulate functions and their graphs. This course also provides a detailed look at trigonometric functions, their graphs, the trigonometric identities, the unit circle, analytical geometry, and analytical trigonometry.

NOTE: This course is comparable to HS course 0319 Trigonometry/Precalculus.

Prerequisite: Algebra 2 or Honors Algebra 2

Grade level: 10, 11, 12

V320 HONORS TRIGONOMETRY/PRECALCULUS***1.0 CREDIT**

Honors Trigonometry/Precalculus is a rigorous mathematics course that prepares students for advanced mathematics. The exercises in this course are more challenging, including graphing calculator explorations involving investigations of precalculus and trigonometric concepts. Students will explore traditional trigonometry and precalculus at a deeper level. Topics include: functions and graphs, polynomial and rational functions, exponential and logarithmic functions, trigonometric functions, analytic trigonometry, and analytic geometry. ***Students may earn a weighted grade on the 4.5 scale for this course.**

NOTE: This course is comparable to HS course 0320 Honors Trigonometry/Precalculus.

Prerequisite: "B" or higher in Honors Algebra 2, teacher recommendation

Grade level: 10, 11, 12

V321 DISCRETE MATH**1.0 CREDIT**

Discrete mathematics is the study of mathematical structures that are fundamentally discrete rather than continuous. In contrast to real numbers that have the property of varying "smoothly", the objects studied in discrete mathematics (such as integers, graphs, and statements in logic) have distinct, separated values. This course is designed to prepare for a background in abstraction, notation and critical thinking for the mathematics. Topics include: logic, basic set theory, countability and counting arguments, proof techniques, graph theory, combinatorics, discrete probability, matrices number theory and graph theory.

NOTE: This course is comparable to HS course 0321 Discrete Math.

Prerequisite: Algebra 1, Algebra 2, Geometry, teacher recommendation

Grade level: 11, 12

V322 CALCULUS**1.0 CREDIT**

Calculus provides an introduction to the concepts needed for success in a first year college calculus course. Precalculus concepts will be reviewed early in the course. This course will cover functions, limits, derivatives and the application of derivatives. The course goes on to cover differentiation and anti-differentiation, applications of integration, and inverse functions.

NOTE: This course is comparable to HS course 0322 Calculus.

Prerequisite: Trigonometry/Precalculus

Grade level: 11, 12

V323 AP CALCULUS AB**1.0 CREDIT**

AP Calculus AB is a college level course. Students are expected to have exemplary skills in algebraic reasoning, trigonometry, and precalculus concepts. The course is split into two semesters. The first semester focuses on the concepts of functions, limits, and differentiation and their applications. The second semester builds off the first semester to focus on integrations. Students will need to use a graphing calculator in this course. Students are required to take the Advanced Placement exam at the end of the course. ***Students may earn a weighted grade on the 5.0 scale for this course.**

NOTE: This course does not count towards credit in the Early College in High School Academy (ECIHTSA). This course is comparable to HS course 0323 AP Calculus AB.

Prerequisite: "B" or higher in Honors Trigonometry/Precalculus or Trigonometry/Precalculus,
teacher recommendation

Grade level: 11, 12

PERFORMING ARTS

V778 AUDIO and VIDEO PRODUCTION I

1.0 CREDIT

This course will cover various topics in audio-video production, such as camera techniques, audio techniques, lighting techniques, editing, and video assembly. This course will cover various topics in audio-video production, such as directing techniques, editing and mastering techniques, file management and delivery formats, advanced camera and lighting techniques, and techniques for providing special effects.

NOTE: This course is comparable to HS course 0777 Digital Audio Production I.

Grade level: 9, 10, 11, 12

V779 AUDIO and VIDEO PRODUCTION II

1.0 CREDIT

This course will expand on the skills and concepts learned in Audio and Video Production I. This course discuss the different types of equipment used for recording and editing audio and explain how to analyze sound quality. Students will learn about preproduction activities such as casting, location, and production scheduling. Additional topics include ethical and legal issues related to television and radio.

NOTE: This course is comparable to HS course 0779 Digital Audio Production II.

Prerequisite: "C" or higher in Audio and Video Production I or teacher recommendation

Grade level: 10, 11, 12

V786 THEATER and FILM PRODUCTION

0.5 CREDIT

Theater and Film Production course describes the processes of theater and film production. The course begins by introducing theater and film and their different genres and subgenres. This course will cover various topics in theater in film production including acting, direction, the production process, elements of camera-work, lighting, sound, makeup, wardrobe, and set design.

NOTE: This course is comparable to HS course 0786 Technical Theatre.

Grade level: 9, 10, 11, 12

V790 MUSIC APPRECIATION (Sem)

0.5 CREDIT

Music is part of everyday lives and reflects the spirit of our human condition. To know and understand music, we distinguish and identify cultures on local and global levels. This course will provide students with an aesthetic and historical perspective of music, covering a variety of styles and developments from the Middle Ages through the Twenty-First Century. Students will acquire basic knowledge and listening skills, making future music experiences more informed and satisfying.

Grade level: 9, 10, 11, 12

PHYSICAL EDUCATION and HEALTH

V801 HEALTH and WELLNESS 9 (Sem)

0.25 CREDIT

This course is required of all ninth grade students. Components of the course will include: communicating effectively, assessing and evaluating individual health/wellness, goal setting, coping with loss, stress management, suicide prevention, physical fitness, healthy relationships, sex education, and sexually transmitted diseases. This course emphasizes intelligent decision-making and the need to be responsible for one's actions and one's health and well-being.

NOTE: This course is comparable to HS course 0801 Health and Wellness 9.

Grade level: 9

V803 HEALTH and WELLNESS 10 (Sem)

0.25 CREDIT

Health 10 is a semester course for all tenth grade students and is required for graduation. It is designed to provide students with a basic framework of knowledge necessary to develop positive attitudes and practices. Units of study will include nutrition, eating disorders, understanding drug use and addiction (recreational & prescription), preventing violence and abuse, preventing infectious diseases, first aid and CPR.

NOTE: This course is comparable to HS course 0803 Health and Wellness 10.

Grade level: 10

PHYSICAL EDUCATION

V800 Physical Education 0.25 (Sem)

0.25 CREDIT

V802 Physical Education 0.5

0.5 CREDIT

V804 Physical Education

1.0 CREDIT

WAVA Physical Education courses are designed to provide students with an opportunity to engage in physical activities in a flexible environment. All students will need to complete of physical activity on their own each grading period as well as discussion prompts and lesson mastery tests. Students will be required to submit physical activity logs each grading period, which is 80% of a student's grade.

- 0.25 & 0.5 Credit 16 hours of physical activity per grading period
- 1.0 Credit 30 hours of physical activity per grading period

NOTE: These courses are comparable to HS courses 0800, 0802, and 0804 Physical Education.

Grade level: 9, 10, 11, 12

PHYSICAL CONDITIONING

V820 Physical Conditioning

1.0 CREDIT

V821 Physical Conditioning 0.5

0.5 CREDIT

WAVA Physical Conditioning courses are designed to provide students with an opportunity to engage in physical activities in a flexible environment. Students that take Physical Condition will set fitness goals and design their own fitness training programs. All students will need to complete of physical activity on their own each grading period as well as discussion prompts and lesson mastery tests. Students will be required to submit physical activity logs each grading period, which is 80% of a student's grade.

- 0.5 Credit 16 hours of physical activity per grading period
- 1.0 Credit 30 hours of physical activity per grading period

NOTE: These courses are comparable to HS courses 0820 and 0821 Physical Conditioning.

Grade level: 9, 10, 11, 12

V831 EXERCISE SCIENCE

1.0 CREDIT

This course will guide students through an in-depth examination of the effects of exercise on the body. Students will learn how to exercise efficiently and properly and how to motivate themselves and others. Basic anatomy, biomechanics, and physiology will serve as a foundation to build effective exercise programs. The study of nutrition and human behavior is also an integral part of the course to enhance student comprehension of this multifaceted subject. Students will be required to submit physical activity logs each grading period.

NOTE: This course is comparable to HS course 0831 Exercise Science.

Prerequisite: "B" or higher in both Health and Wellness 9 and 10

Grade level: 11, 12

This course may count towards a student's fourth science credit.

WEST ALLEGHENY VIRTUAL ACADEMY SCIENCE SEQUENCE

9TH GRADE	BIOLOGY WITH LAB HONORS BIOLOGY WITH LAB
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10TH GRADE	CONCEPTUAL CHEMISTRY HONORS CHEMISTRY WITH LAB
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11TH GRADE	CONCEPTUAL PHYSICS PHYSICS
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12TH GRADE	ANATOMY AND PHYSIOLOGY AP BIOLOGY AP CHEMISTRY EXERCISE SCIENCE ^{PR} FORENSICS SCIENCE HEALTH SCIENCES (WAVA) INTRO TO ASTRONOMY (S – WAVA) INTRO TO MARINE BIOLOGY (S – WAVA) INTRO TO VETRINARY SCIENCE (S – WAVA)
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^{PR} - Check prerequisites in course descriptions
 S - Semester class worth .5 credits

SCIENCE

LAB MATERIAL NOTES: Most WAVA science labs are virtual and do not require specialized laboratory materials or tools. Some virtual labs do ask students to make use of common, household items. AP Biology and AP Chemistry students may be required to come into the building to complete labs that require specialized materials and/or tools.

V402 BIOLOGY with LAB

1.5 CREDIT

This inquiry- and virtual-lab-based biology course is designed to support modern science curriculum and teaching practices. This course is aligned with Pennsylvania's Standards Aligned System Assessment Anchors and Eligible Content in order to better prepare students for the Biology Keystone Exam. Content topics include cells, organ systems, heredity, organization of organisms, evolution, energy use in organisms, and the interdependence of ecosystems. This course includes a number of virtual lab activities in which students will exercise experimental design, data analysis, and data interpretation skills while working through simulated laboratory situations. Upon completion of the biology course, all students will take the Biology Keystone Exam.

NOTE: This course is comparable to HS course 0402 Biology with Lab.

Grade level: 9

V403 HONORS BIOLOGY with LAB

1.5 CREDIT

Honors Biology is a fast paced, in-depth course with extensive labs and projects. There is a focus of study in the following areas: Scientific Processes, Tools and Technologies, Cellular Structure and Function, Biochemical Organization, Genetics, Heredity, Evolution, Ecology, and Human Biology. This course includes a number of virtual lab activities in which students will exercise experimental design, data analysis, and data interpretation skills while working through a simulated laboratory situation. All students enrolled in this course will take the Biology Keystone Exam. ***Students may earn a weighted grade on the 4.5 scale for this course.**

NOTE: This course is comparable to HS course 0403 Honors Biology with Lab.

Prerequisite: "A" in 8th grade science, teacher recommendation

Grade level: 9

V404 CONCEPTUAL CHEMISTRY

1.0 CREDIT

Chemistry is the study of matter and how it changes. This course looks at matter's composition, properties, and transformations. Students will learn about the atomic and molecular structures that result in different chemical properties and the concepts and tools that will enable students to predict chemical properties and chemical reactions. Students will learn about key types of chemical relationships and reactions, including solutions and acid-base reactions. In addition, the course includes lab activities in which students will exercise experimental design, data analysis, and data interpretation skills while working through simulated or hands-on laboratory situations.

NOTE: This course is comparable to HS course 0404 Conceptual Chemistry.

Grade level: 10, 11

V405 HONORS CHEMISTRY with LAB***1.5 CREDIT**

In this course, students are introduced to the methods and contents of the fundamentals of chemistry. Concepts introduced in the classroom are explored through inquiry and virtual labs. Students will learn about atoms and elements, chemical bonding, chemical reactions, quantitative chemistry, molecular-level forces, solutions, energy, and changes in matter. This course also addresses additional concepts and standards including molar concentrations, acid-base reactions, advanced stoichiometry, gas laws, and organic compounds. This is a challenging, fast paced, in-depth geared towards very high-level students. ***Students may earn a weighted grade on the 4.5 scale for this course.**

NOTE: This course is comparable to HS course 0404 Honors Chemistry with Lab.

Prerequisite: "B" or higher in Biology or Honors Biology

Grade level: 10, 11

V406 CONCEPTUAL PHYSICS**1.0 CREDIT**

In Conceptual Physics, students will first learn about the "basics" of physics. In this course, students will learn how to describe and analyze motion, how forces interact with matter, and how to further describe these interactions with the aid of the concepts of energy and momentum. The course has lab activities in which students will exercise experimental design, data analysis, and data interpretation skills while working through simulated or hands-on laboratory situations.

NOTE: This course is comparable to HS course 0406 Conceptual Physics.

Grade level: 11, 12

V407 PHYSICS**1.0 CREDIT**

Physics introduces students to the physics of motion, properties of matter, force, heat, vector, light, and sound. Students learn the history of physics from the discoveries of Galileo and Newton to those of contemporary physicists. The course focuses more on explanation than calculation and prepares students for introductory quantitative physics at the college level. Additional areas of discussion include gases and liquids, atoms, electricity, magnetism, and nuclear physics. This course includes virtual lab activities in which students will exercise experimental design, data analysis, and data interpretation skills.

NOTE: This course is comparable to HS course 0407 Conceptual Physics.

Prerequisite: Concurrently in Algebra II or higher.

Grade level: 11, 12

V408 FORENSIC SCIENCE**1.0 CREDIT**

In Forensic Science, students will learn about the powerful science of forensics and how it has changed the face of crime and justice in our world. Students will learn the techniques and practices applied during a crime scene investigation and how clues and data are recorded and preserved. Students will learn some basic scientific principles used in the lab, such as toxicology, material analysis, microscopy, and forensic anthropology, and find out how scientists use everything from insects to bones to help them solve crimes. Students will examine some of the basic scientific principles and knowledge that guides forensic laboratory processes, such as those testing DNA, toxicology, and material analysis. Students will learn some basic scientific principles used in the lab, such as toxicology, material analysis, microscopy, and forensic anthropology, and find out how scientists use everything from insects to bones to help them solve crimes.

NOTE: This course is comparable to HS course 0408 Forensic Science.

Grade level: 11, 12

V409 ANATOMY AND PHYSIOLOGY***1.0 CREDIT**

This course is designed for those students who have a high interest in biological sciences and are interested in pursuing careers in the medical, nursing or physical therapy fields. Students will explore the anatomy or structure of the human body. In addition to learning anatomical terminology, students will study and the main systems of the body and the structure of cells and tissues within the body. In the second half of the year, students will examine the functions of the body's biological systems and the function of cells, blood, and sensory organs, as well as study DNA, immunity, and metabolic systems. ***Students may earn a weighted grade on the 4.5 scale for this course.**

NOTE: This course is comparable to HS course 0409 Anatomy and Physiology.

Prerequisite: "B" or higher in Biology or Honors Biology AND a "C" or higher in Honors Chemistry OR An "A" in Conceptual Chemistry AND Proficient or Advanced on the Keystone Biology Exam

Grade level: 11, 12

V410 AP BIOLOGY****1.5 CREDIT**

This high paced, rigorous course is designed to prepare students for the AP Biology Exam in May. Students will explore these eight themes identified as the focus for AP-level Biology instruction: Science as a Process, Evolution, Energy Transfer, Continuity and Change, Relationship of Structure to Function, Regulation, Interdependence in Nature, and Science, Technology, and Society. Students will be engaged in various lab assignments which may require the students to come into school to access lab equipment throughout the year. ****Students may earn a weighted grade on the 5.0 scale for this course.**

NOTE: his course does not count towards credit in the Early College in High School Academy (ECIHSa). This course is comparable to HS course 0410 AP Biology.

Prerequisite: "B" or higher in Honors Biology and Honors Chemistry, teacher recommendation

Co-requisite: Students in 10th grade must be concurrently enrolled in Honors Chemistry

Grade level: 10, 11, 12

NOTE: This course requires students to complete summer course work. Students should contact the WAVA Supervisor for the materials needed before they leave school for the summer.

V411 AP CHEMISTRY****1.5 CREDIT**

This course is designed around the AP Chemistry Curriculum Framework established by the College Board. An inquiry and STEM-oriented approach to chemistry offers students a shared method of asking questions about the world around them. Students will explore six content areas that have been identified as the focus of the course: atoms and elements, properties of matter, chemical reactions, kinetics, thermodynamics and equilibrium. This high paced, rigorous course is designed to prepare students for the AP Chemistry Exam in May. Students will be engaged in various lab assignments which may require the students to come into school to access lab equipment throughout the year. ****Students may earn a weighted grade on the 5.0 scale for this course.**

NOTE: This course does not count towards credit in the Early College in High School Academy (ECIHSa). This course is comparable to HS course 0411 AP Chemistry.

Prerequisite: "A" in Honors Chemistry or chemistry teacher approval

Grade level: 11, 12

NOTE: This course requires students to complete summer course work. Students should contact the WAVA Supervisor for the materials needed before they leave school for the summer.

V425 HEALTH SCIENCES**1.0 CREDIT**

In this course, students will be introduced to the various disciplines within the health sciences, including toxicology, clinical medicine, and biotechnology. They will explore the importance of diagnostics and research in the identification and treatment of diseases. The course presents information and terminology for the health sciences and examines the contributions of different health science areas.

Prerequisite: "B" or higher in Biology, teacher recommendation

Grade level: 10, 11, 12

V426 INTRODUCTION TO ASTRONOMY (Sem)**0.5 CREDIT**

This course will include topics such as astronomy's history and development, basic scientific laws of motion and gravity, the concepts of modern astronomy, and the methods used by astronomers to learn more about the universe. Further knowledge is gained through the study of galaxies, stars and the origin of the universe.

Grade level: 10, 11, 12

V427 INTRODUCTION TO MARINE BIOLOGY (Sem)**0.5 CREDIT**

In Introduction to Marine Biology, students will begin to understand a great deal more about the aquatic cycles, structures and process that generate and sustain life in the sea. Through the use of scientific inquiry, research, measurement, and problem solving, students will conduct various scientific procedures that will lead to an increased level of knowledge about Marine science.

Prerequisite: Successfully completed Biology

Grade level: 10, 11, 12

V428 INTRODUCTION TO VETERINARY SCIENCE (Sem)**0.5 CREDIT**

As animals play an increasingly important role in our lives, scientists have sought to learn more about their health and well-being. Taking a look at the pets that live in our homes, on our farms, and in zoos and wildlife sanctuaries, this course will examine some of the common diseases and treatments for domestic animals. Toxins, parasites, and infectious diseases impact not only the animals around us, but at times... we humans as well! Through veterinary medicine and science, the prevention and treatment of diseases and health issues is studied and applied.

Prerequisite: "B" or higher in Biology, teacher recommendation

Grade level: 10, 11, 12

WEST ALLEGHENY VIRTUAL ACADEMY

SOCIAL STUDIES SEQUENCE

9TH GRADE	US HISTORY HONORS US HISTORY
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10TH GRADE	AMERICAN GOVERNMENT AP U.S. GOVERNMENT AND POLITICS
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11TH GRADE	WORLD CULTURES AP WORLD HISTORY
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12TH GRADE	AP PSYCHOLOGY AP ECONOMICS AP UNITED STATES HISTORY^{PR} AFRICAN AMERICAN STUDIES INTRO TO CRIMINOLOGY & LAW PSYCHOLOGY AND SOCIOLOGY SPANISH III^{PR} SPANISH IV^{PR} AP SPANISH LANGUAGE & CULTURE^{PR} FRENCH III^{PR} FRENCH IV^{PR} AP FRENCH LANGUAGE & CULTURE^{PR} GERMAN III^{PR} CURRENT AFFAIRS (S) HOLOCAUST AND GENOCIDE STUDIES (S) INTRO TO MILITARY CAREERS (S) INTRO TO WORLD RELIGIONS (S) NATIVE AMERICAN STUDIES (S) WOMEN STUDIES (S)
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^{PR} - Check prerequisites in course descriptions

S - Semester class worth .5 credits

SOCIAL STUDIES

V210 U.S. HISTORY

1.0 CREDIT

In US History, students will learn about the process of historical inquiry, review the events and principles behind the founding of the United States. Students will examine the events that shaped the expansion and growth of the nation from the late 1700s through today. Students will explore timelines to gain an understanding of how events link to each other, and students will analyze historical documents for a firsthand sense of how events unfolded.

NOTE: This course is comparable to HS course 0210 U.S. History.

Grade level: 9

V211 HONORS U.S. HISTORY*

1.0 CREDIT

Honors U.S. History is an academically demanding courses requiring a high level of reading comprehension and independent study skill. Throughout the course, students will use inquiry skills to examine, ask questions, and analyze the impacts of historical events and actions. Lesson activities have learners analyze and evaluate primary and secondary sources. Students will use these sources to form opinions while citing text evidence to support them. ***Students may earn a weighted grade on the 4.5 scale for this course.**

NOTE: This course is comparable to HS course 0211 Honors U.S. History.

Prerequisite: "A" in 8th grade social studies

Grade level: 9

V230 AMERICAN GOVERNMENT

1.0 CREDIT

In American Government, students will learn about the principles and events that led to the founding of the United States. Students will examine how the operations of the US government are spread among three branches of government. Students will identify the role of the individual citizen in the operations of the government. Additionally, students will explore the areas of foreign, domestic and economic policies.

As part of Act 35, all students in American Government will complete the district designed end of course Civics Exam. The completion of this exam is a WA graduation requirement.

NOTE: This course is comparable to HS course 0210 U.S. History.

Grade level: 10, 11

V232 AP UNITED STATES GOVERNMENT AND POLITICS**

1.0 CREDIT

AP US Government and Politics is a college-level course designed to prepare students for the Advanced Placement (AP) US Government and Politics exam. The goal of this course is to explore and analyze important US government and politics concepts broken down into five units: Foundations of American Democracy, Interactions among Branches of Government, Civil Liberties and Civil Rights, American Political Ideologies and Beliefs, and Political Participation. Students will demonstrate their understanding and acquisition of skills through written work, projects, essays, and practice exams.

As part of Act 35, all students in American Government will complete the district designed end of course Civics Exam. The completion of this exam is a WA graduation requirement. ****Students may earn a weighted grade on the 5.0 scale for this course.**

NOTE: This course does not count towards credit in the Early College in High School Academy (ECIHS). This course is comparable to HS course 0232 AP U.S. Government and Politics.

Prerequisite: "A" in all previous social studies courses

Grade level: 10, 11, 12

V236 WORLD CULTURES**1.0 CREDIT**

Students will explore the diverse ways in which people affect the world around them and how they are affected by their surroundings. Students will discover how ideas spread and cultures form and learn how beliefs and architecture are part of a larger culture complex.

Additionally, a portion of this course is dedicated as a Career Seminar to help students meet the required Career Education and Work (CEW) Academic Standards as established in PA Code Chapter 4. Students will explore their future career endeavors and complete a comprehensive CEW standards portfolio.

NOTE: This course is comparable to HS course 0236 World Cultures.

Grade level: 11

V238 AP WORLD HISTORY****1.0 CREDIT**

AP® World History is a yearlong college-level course designed to prepare students for the Advanced Placement (AP) World History Exam. The goal of this course is to explore historical themes common to societies around the world and across time periods, from prehistory to the present day. Emphasis is placed on critical and evaluative thinking skills, essay-writing, interpretation of original documents, and historiography. Students will demonstrate their understanding and acquisition of skills through written work, document-based questions, project-based activities, and practice exams. Throughout this course, students will be exposed to five historical themes: interaction between humans and the environment; development and interaction of cultures; state-building, expansion, and conflict; creation, expansion, and interaction economic systems; and development and transformation of social structures. These themes, which tap into the big ideas in world history, allow students to identify trends and make connections across six historical time periods. ****Students may earn a weighted grade on the 5.0 scale for this course.**

NOTE: This course is comparable to HS course 0238 AP World History.

Prerequisite: Teacher recommendation

Grade level: 11, 12

V239 AP UNITED STATES HISTORY****1.0 CREDIT**

This online course develops critical thinking skills by encouraging multiple views as students realize that there are often multiple accounts of a single historical event that may not entirely consistent. Electronic discussion groups encourage collaboration, and a variety of practice activities are provided, from multiple choice actions to advanced interactions. Units include: The Historical Process; Early America; Revolutionary America; The Civil War; Populism and Progressivism; the emergence of the U.S. as a world power; and contemporary themes.

Writing assignments will be frequent so that the students can prepare for and develop their writing skills for the AP exam. Writing activities consist of Document-Based Questions (DBQ) and Long-Essay questions. Most of these questions are taken from previous AP US History questions, to help students prepare for the AP U.S. History exam in May. ****Students may earn a weighted grade on the 5.0 scale for this course.**

Prerequisite: "A" in all previous social studies courses

Grade level: 10, 11, 12

V240 AP PSYCHOLOGY****1.0 CREDIT**

The AP Psychology Course will introduce students to the systematic study of the behavior and mental processes of human means and other animals. Students are exposed to the psychological facts, principles and phenomena associated with the major fields within psychology. Students will also learn about the methods psychologists use in their science and practice. The major aim of this course is to provide each student with a learning experience equivalent to that obtained in most introductory college psychology courses. In addition, this course has been designed to help students successfully achieve a passing score on the AP Exam.

****Students may earn a weighted grade on the 5.0 scale for this course.**

NOTE: This course does not count towards credit in the Early College in High School Academy (ECIHS). This course is comparable to HS course 0240 AP Psychology.

Prerequisite: Teacher recommendation

Grade level: 11, 12

V242 AP ECONOMICS****1.0 CREDIT**

AP Economics is a challenging course that is meant to be the equivalent of a freshman college course. This course of macroeconomics is designed to give students a thorough understanding of the principles of economics that apply to an economic system. This course places particular emphasis on the study of national income and price-level determination, and familiarizes students with economic performance measures, the financial sector, stabilization policies, economic growth and international economics. Solid math and writing skills, along with a willingness to devote considerable time to homework and study, are necessary to succeed. Emphasis is placed on critical and evaluative thinking skills. ****Students may earn a weighted grade on the 5.0 scale for this course.**

NOTE: This course does not count towards credit in the Early College in High School Academy (ECIHS). This course is comparable to HS course 0242 AP Economics.

Prerequisite: Teacher recommendation

Grade level: 11, 12

V243 INTRODUCTION TO CRIMINOLOGY AND LAW**1.0 CREDIT**

This course will explore the field of criminology or the study of crime. In doing so, students will look at possible explanations for crime from psychological, biological, and sociological standpoints, explore the various types of crime and their consequences for society, and investigate how crime and criminals are handled by the criminal justice system.

NOTE: This course does not count towards credit in the Early College in High School Academy (ECIHS). This course is similar to HS course 0243 Criminal Justice & Investigations but is not a weighted course.

Grade level: 10, 11, 12

V244 PSYCHOLOGY AND SOCIOLOGY**1.0 CREDIT**

The psychology portion of this course gives students an overview of the history of psychology. Students will learn how psychologists develop and validate theories and will examine how hereditary, social, and cultural factors help form an individual's behavior and attitudes. Students will also evaluate the effectiveness of different types of psychological counseling and therapy. Highly interactive content includes online discussions that help develop critical thinking skills.

The sociology portion of this course has students explore the evolution of sociology as a distinct discipline while learning about sociological concepts and processes. They will learn how individuals relate to and impact society. Students will also learn about the influence of culture, social structure, socialization, and social change on themselves and others.

NOTE: This course is comparable to HS course 0244 Psychology and Sociology.

Grade level: 11, 12

V251 AFRICAN AMERICAN STUDIES**1.0 CREDIT**

How have African Americans shaped the culture of the United States throughout history? Tracing the accomplishments and obstacles of African Americans from the slave trade through emancipation, and to the modern African diaspora, students will learn about the political, economic, social, religious, and cultural factors that have influenced African American life. In African American History, students will come face to face with individuals who changed the course of history and learn more about slavery, racism, and the Civil Rights Movement. This course will also explore how the history of African Americans influences current events today.

NOTE: This course is comparable to HS course 0245 African American and Multicultural Studies.

Grade level: 11, 12

V249 CURRENT AFFAIRS (Sem)**0.5 CREDIT**

Because the specifics of social issues change rapidly, this course is designed to help students discover contemporary and relevant perspectives on issues that may have been around for centuries. Students engage in significant research and each lesson ends with an essay assignment that encourages students to express their opinions. Topics include media, government, civil liberties, poverty, terrorism, crime, the environment, and many more.

NOTE: This course is comparable to HS course 0249 Current Affairs.

Grade level: 11, 12

V247 HOLOCAUST AND GENOCIDE STUDIES (Sem)**0.5 CREDIT**

Holocaust education requires a comprehensive study of not only times, dates, and places, but also the motivation and ideology that allowed these events. In this course, students will study the history of anti-Semitism; the rise of the Nazi party; and the Holocaust, from its beginnings through liberation and the aftermath of the tragedy. The study of the Holocaust is a multi-disciplinary one, integrating world history, geography, American history, and civics. Through this in-depth, semester-long study of the Holocaust, high school students will gain an understanding of the ramifications of prejudice and indifference, the potential for government-supported terror, and they will get glimpses of kindness and humanity in the worst of times.

NOTE: This course is comparable to HS course 0247 Holocaust and Genocide Studies.

Grade level: 11, 12

V246 INTRODUCTION TO WORLD RELIGIONS (Sem)**0.5 CREDIT**

Throughout the ages, religions from around the world have shaped the political, social, and cultural aspects of societies. This course focuses on the major religions that have played a role in human history, including Buddhism, Christianity, Confucianism, Hinduism, Islam, Judaism, Shintoism, and Taoism. Students will trace the major developments in these religions and explore their relationships with social institutions and culture. The course will also discuss some of the similarities and differences among the major religions and examine the connections and influences they have.

Grade level: 11, 12

V252 NATIVE AMERICAN STUDIES: CONTEMPORARY PERSPECTIVES (Sem)**0.5 CREDIT**

This course examines the social, economic, religious, and political issues that Native Americans face in today's world. It looks at a number of Native American professionals and their efforts to eradicate the negative stereotypes that still surround Native American cultures. The course also sheds light on the important contributions that Native Americans have made to art and spirituality. In addition, it demonstrates how both Native American traditions and the fight for Native American civil rights have shaped the history and social fabric of the United States.

Grade level: 11, 12

V253 WOMEN'S STUDIES: A PERSONAL JOURNEY THROUGH FILM (Sem)**0.5 CREDIT**

Maybe you grew up watching movies with female characters like Cinderella, Belle, Snow White, or Ariel. Maybe you've wondered by there are stereotypes about women being bad drivers or ignorant about sports. Maybe you want to know about feminism and the women's movement. Women's Studies: A Personal Journey through Film can help you answer these questions. Though it focuses on the experience of women, it's appropriate for anyone who wants to learn to critically examine films while learning about the history of the women's movement and how gender, race, and social class influence us. Women have earned their right to stand up and be recognized as equal partners and reap the benefits of their hard work. As the anonymous quote goes, "History is Herstory too."

Grade level: 11, 12

V253 INTRODUCTION TO MILITARY CAREERS (Sem)**0.5 CREDIT**

Introduction to Military Careers will provide the answers. The military is far more diverse and offers many more career opportunities and tracks than most people imagine. In Introduction to Military Careers, students will learn not only about the four branches of the military (and the Coast Guard) but also about the types of jobs they might pursue in each branch. From aviation to medicine, law enforcement to dentistry, the military can be an outstanding place to pursue one's dreams.

Grade level: 11, 12

VISUAL ARTS

V703 GRAPHIC DESIGN AND ILLUSTRATION I (Sem)

0.5 CREDIT

This course covers careers students may want to pursue in graphic design. It also covers training and skills required for a graphic designer. In addition, the course describes how to create images using color and typography and how to manipulate images. It also guides students how to create images using design elements and principles. Finally, this course covers copyright laws and ethics related to the use of graphic design.

Grade level: 9, 10, 11, 12

V704 GRAPHIC DESIGN and ILLUSTRATION II (Sem)

0.5 CREDIT

Graphic Design and Illustration II picks up where Graphic Design and Illustration I left off. The course will cover the advanced manipulation of images. It will guide students on how to create graphic products such as logos, posters, and magazine covers. This course also covers multimedia and digital photography. In addition, the course covers art criticism in graphic artwork, digital publishing, and the creation of graphic design portfolios.

Prerequisite: Successful completion of Graphic Design and Illustration I

Grade level: 9, 10, 11, 12

V740 STUDIO ART I

1.0 CREDIT

This course is designed to enable all students at the high school level to develop a visual awareness of his/her environment through drawing and design. A variety of media will be used to acquaint the student with fundamental techniques, which will encourage individual expression. Self-reflection on completed art projects will happen throughout the year. Students may choose to have their completed work displayed in the annual art show.

NOTE: This course is comparable to HS course 0740 Art I.

Grade level: 9, 10, 11, 12

V741 STUDIO ART II

1.0 CREDIT

Students will continue to develop mastery of skills and techniques through a variety of materials. Emphasis will be placed on understanding and application of compositional elements and principles of design. Assignments will include exploration of artists and art history. Self-reflection on completed art projects will happen throughout the year. Students may choose to have their completed work displayed in the annual art show.

NOTE: This course is comparable to HS course 0741 Art II.

Prerequisite: "C" or higher in Art I or Studio Art I

Grade level: 10, 11, 12

V742 STUDIO ART III**1.0 CREDIT**

In Studio Art III, emphasis will be placed on effective selection and use of compositional design elements. Focus will be on development of the student's individual style, and proficiency of 2-D media and techniques. Self-reflection on completed art projects will happen throughout the year. Students may choose to have their completed work displayed in the annual art show.

NOTE: This course is comparable to HS course 0742 Art III.

"C" or higher in Art I or Studio Art I AND in Art II or Studio Art II

Grade level: 10, 11, 12

V745 ART APPRECIATION (Sem)**0.5 CREDIT**

Who was the greatest artist of all time? Is it Leonardo DaVinci? Claude Monet? Michelangelo? Pablo Picasso? Is the greatest artist of all time someone whose name has been lost to history? Students will learn about some of the greatest artists while also creating art of their own including digital art. This course will explore the basic principles and elements of art, learn how to critique art, and examine some of the traditional art of the Americas, Africa, and Oceania in addition to the development of Western art.

Grade level: 9, 10, 11, 12

V746 AP ART HISTORY****1.0 CREDIT**

This course is designed to provide college-level instruction in art history and prepares the student for the AP exam. The student will examine major forms of artistic expression from the past and present and from a variety of cultures. The student will learn to look at works of art critically, with intelligence and sensitivity, and to articulate what he sees or experiences. *****Students may earn a weighted grade on the 5.0 scale for this course.***

Prerequisite: *"A" in Art I and Art II minimum of "B" in previous social studies courses,
teacher recommendation*

Grade level: 11, 12

WORLD LANGUAGES

V500 SPANISH I

1.0 CREDIT

Spanish I focus on four key areas of world language study: listening, speaking, reading and writing. Students will become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, and participate in simple conversations and responding appropriately to basic conversational prompts. Students will analyze and compare cultural practices and perspectives of various Spanish-speaking countries. Students are required to record themselves speaking in Spanish and submit these recordings for grading.

NOTE: This course is comparable to HS course 0500 Spanish I.

Prerequisite: Strongly recommended that students have at least a "C" average in English

Grade level: 9, 10, 11, 12

V501 SPANISH II

1.0 CREDIT

Spanish II continues to develop insight into the Spanish language and culture. Students not only begin to comprehend listening and reading passages more fully, but they also are able to express themselves more meaningfully in both speaking and writing. Students are required to record themselves speaking in Spanish and submit these recordings for grading.

NOTE: This course is comparable to HS course 0501 Spanish II.

Prerequisite: "C" or higher in Spanish I. It is strongly recommended that students have at least a "C" average in English.

Grade level: 9, 10, 11, 12

V502 SPANISH III

1.0 CREDIT

Spanish III continues to develop Spanish language communication. Students will work on their speaking, listening, reading and writing skills. This course is conducted almost entirely in Spanish. Students are required to record themselves speaking in Spanish and submit these recordings for grading.

NOTE: This course is comparable to HS course 0502 Spanish III.

Prerequisite: "C" or higher in Spanish II. It is strongly recommended that students have at least a "C" average in English.

Grade level: 10, 11, 12

This course may count toward a student's fourth social studies credit.

V503 SPANISH IV*

1.0 CREDIT

Spanish IV students are expected to have comprehensive knowledge of the vocabulary, grammatical and cultural concepts. This intensive course concentrates on the study of advanced grammatical concepts and vocabulary. Students are required to record themselves speaking in Spanish and submit these recordings for grading. *** Students may earn a weighted grade on a 4.5 scale for this course.**

NOTE: his course does not count towards credit in the Early College in High School Academy (ECIHS). This course is comparable to HS course 0503 HEC Spanish IV.

Prerequisite: "B" or higher in Spanish III. It is strongly recommended that students have at least a "C" average in English.

Grade level: 11, 12

This course may count toward a student's fourth social studies credit.

V504 AP SPANISH LANGUAGE AND CULTURE****1.0 CREDIT**

Students will be expected to demonstrate a high degree of Spanish proficiency in all skill levels. To promote these higher-level language skills, there will be an intense grammar study, and extensive reading and writing assignments from many authentic texts. Students will engage in advanced conversation and complex listening comprehension activities on a variety of topics. The purpose of this course is to help students to prepare for the AP Spanish Language examination. Students will take the AP exam in May, which may allow students the opportunity to receive college credit. As this is an AP course, there will be a vigorous workload in this class.

****Students may earn a weighted grade on the 5.0 scale for this course.**

NOTE: This course is comparable to HS course 0504 AP Spanish Language and Culture.

Prerequisite: "B" or higher in Spanish IV or teacher recommendation.

Grade level: 12

This course may count toward a student's fourth social studies credit.

V510 FRENCH I**1.0 CREDIT**

French Level I is intended for students with no or minimal previous experience with the French language. The course emphasizes communicative proficiency, with special attention to the development of oral and listening skills, self-expression, and cultural insights. Activities are varied and interactive and are focused on acquiring all four-language competencies (listening, speaking, reading, and writing) simultaneously-always in the context of a cultural narrative. Each lesson begins with a rapid flow of authentic French presented in realistic, everyday circumstances, supported by video presentations and a comprehensive workbook. Free-form classroom interactions are balanced with structured grammar and vocabulary drills.

Prerequisite: It is strongly recommended that students have at least a "C" average in English.

Grade level: 9, 10, 11, 12

V511 FRENCH II**1.0 CREDIT**

Students enrolled in French II continue their study of French by further expanding their knowledge of key vocabulary topics and grammar concepts. Students not only begin to comprehend listening and reading passages more fully, but they also start to express themselves more meaningfully in both speaking and writing. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices that reinforce vocabulary and grammar.

Prerequisite: "C" or higher in French I. It is strongly recommended that students have at least a "C" average in English.

Grade level: 9, 10, 11, 12

V512 FRENCH III**1.0 CREDIT**

French III engages students in more advanced language communication. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged in their own language learning, understand common vocabulary terms and phrases, use a wide range of grammar patterns in their speaking and writing, participate in conversations and respond appropriately to conversational prompts, analyze and compare cultural practices, products, and perspectives of various French-speaking countries, and take frequent assessments where their language progression can be monitored. This course is conducted almost entirely in French.

Prerequisite: "C" or higher in French II. It is strongly recommended that students have at least a "C" average in English.

Grade level: 10, 11, 12

This course may count toward a student's fourth social studies credit.

V513 FRENCH IV***1.0 CREDIT**

French IV students are expected to have comprehensive knowledge of the vocabulary, grammatical and cultural concepts. This intensive course concentrates on the study of advanced grammatical concepts and vocabulary. Students will demonstrate improvement of the abilities through speaking, listening, reading and writing. This course is provided through Fuel Education: Middlebury Interactive Languages. ***Students may earn a weighted grade on a 4.5 scale for this course.**

***Prerequisite:** "B" or higher in French III. It is strongly recommended that students have at least a "C" average in English.*

Grade level: 11, 12

This course may count toward a student's fourth social studies credit.

V514 AP FRENCH LANGUAGE and CULTURE ****1.0 CREDIT**

Students will be expected to demonstrate a high degree of French proficiency in all skill levels. To promote these higher-level language skills, there will be an intense grammar study, and extensive reading and writing assignments from many authentic texts. Students will engage in advanced conversation and complex listening comprehension activities on a variety of topics. The purpose of this course is to help students to prepare for the AP French Language examination. Students will take the AP exam in May, which may allow students the opportunity to receive college credit. As this is an AP course, there will be a vigorous workload in this class. ****Students may earn a weighted grade on the 5.0 scale for this course.**

***Prerequisite:** "B" or higher in French IV or teacher recommendation.*

Grade level: 12

This course may count toward a student's fourth social studies credit.

V520 GERMAN I**1.0 CREDIT**

German I focus on four key areas of world language study: listening, speaking, reading and writing. Students will become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, and participate in simple conversation. Students will analyze and compare cultural practices and perspectives of various German-speaking countries. Students are required to record themselves speaking in German and submit these recordings for grading.

NOTE: This course is comparable to HS course 0520 German I.

***Prerequisite:** Strongly recommended that students have at least a "C" average in English*

Grade level: 9, 10, 11, 12

V521 GERMAN II**1.0 CREDIT**

German II continues to develop insight into the German language and culture. Students not only begin to comprehend listening and reading passages more fully, but they also are able to express themselves more meaningfully in both speaking and writing. Students are required to record themselves speaking in German and submit these recordings for grading.

NOTE: This course is comparable to HS course 0521 German II.

***Prerequisite:** "C" or higher in German I. It is strongly recommended that students have at least a "C" average in English.*

Grade level: 9, 10, 11, 12

V522 GERMAN III**1.0 CREDIT**

German III engages students in more advanced language communication. Students will focus on three modes of communication: interpretive, interpersonal and presentational. This course is conducted almost entirely in German. Students are required to record themselves speaking in German and submit these recordings for grading.

NOTE: This course is comparable to HS course 0522 German III.

Prerequisite: "C" or higher in German II. It is strongly recommended that students have at least a "C" average in English.

Grade level: 10, 11, 12

This course may count toward a student's fourth social studies credit.

V525 AMERICAN SIGN LANGUAGE I (Semester 1 only)**1.0 CREDIT**

American Sign Language I will introduce students to vocabulary and simple sentences, so that they can start using communicating right away using fingerspelling and handshape words. Students will be required to submit video themselves while fingerspelling and using handshapes for grading. This course will also explore Deaf culture – social beliefs, traditions, history, values and communities influenced by deafness.

NOTE: This course is comparable to HS course 0525 American Sign Language I.

Prerequisite: Strongly recommended that students have at least a "C" average in English

Grade level: 9, 10, 11, 12

V526 AMERICAN SIGN LANGUAGE II (Semester 2 only)**1.0 CREDIT**

American Sign Language II building on previous knowledge learned in American Sign Language I. This course will introduce students to more of this language and its grammatical structures. Students will expand their vocabulary by exploring interesting topics like Deaf education and Deaf arts and culture. Students will be required to submit video themselves while fingerspelling and using handshapes for grading.

NOTE: This course is comparable to HS course 0526 American Sign Language II.

Prerequisite: "C" or higher in American Sign Language I. It is strongly recommended that students have at least a "C" average in English.

Grade level: 9, 10, 11, 12

V530 MANDARIN CHINESE I**1.0 CREDIT**

Mandarin Chinese I focus' on four key areas of study: listening, speaking, reading and writing. Students should expect to be actively engaged in their own language learning, become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, and participate in simple conversations and responding appropriately to basic conversational prompts. Both Chinese characters and pinyin are presented together throughout the course and specific character practices are learned.

Prerequisite: "B" average in English OR counselor approval.

Grade level: 9, 10, 11, 12

V531 MANDARIN CHINESE II**1.0 CREDIT**

Mandarin Chinese II continues to develop insight into the Chinese language and culture. Students not only begin to comprehend listening and reading passages more fully, but they also are able to express themselves more meaningfully in both speaking and writing. Character recognition and practice are a key focus of the course. Pinyin is still presented with characters throughout to aid in listening and reading comprehension.

Prerequisite: "C" or higher in Mandarin Chinese I and strongly recommended that students have at least a "B" average in English.

Grade level: 10, 11, 12

SPECIAL OPTIONS

COLLEGE ADMISSION EXAM PREPARATION

ACT PREPARATION

0.25 CREDIT

Each ACT Preparation course is a semester long, online course aligned to the topics that are assessed on the ACT (American College Testing) Subject Exams. Students should possess strong time management skills and self-motivation to be successful in the online course. **These courses are graded Pass/Fail.**

- V670 ACT English**
- V671 ACT Mathematics**
- V672 ACT Reading**
- V673 ACT Scientific Reasoning**

Grade level: 10, 11, 12

SAT PREPARATION

0.25 CREDIT

Each SAT Preparation course is a semester long, online course designed for the college bound student who desires to increase his or her level of preparedness for taking the SAT (Scholastic Assessment Test). Each course will focus on topics found on the corresponding SAT exam. Students should possess strong time management skills and self-motivation to be successful in this online course. **These courses are graded Pass/Fail.**

- V675 SAT Mathematics**
- V676 SAT Reading**
- V677 SAT Writing and Language**

Grade level: 10, 11, 12

WAVA Scheduling, Credit Recovery, and Enrichment

Scheduling WAVA Courses

Fulltime in-person students that wish to take a WAVA course will only be allowed to do so if:

- a) the course is not offered in the building
- b) there is a scheduling conflict
- c) and/or approval of the high school academic principal

Credit Recovery Courses

1. Online Credit Recovery courses are **only offered** in the summer. Information about registration and enrollment is available at the end of May of the school year. There is a fee for all Credit Recovery courses.
2. In the event that a student of senior status (17.25+ earned credits) is in jeopardy of not meeting graduation requirements on time, may be given the opportunity to complete a credit recovery course during the school year. Seniors enrolled in credit recovery courses during the school year have one grading period to complete that course. The courses will start at the beginning of a quarter. Seniors that do not pass or complete the credit recovery course in the given timeline may request an extension for an additional fee.
3. Both the previously failed course and the Credit Recovery course will appear on the student's transcript.

Enrichment Courses

1. Online Enrichment courses are only offered in the summer. Information about registration and enrollment is available by the end of March.
2. There is a fee for all Enrichment courses that must be submitted prior to starting an Enrichment course.
3. Summer Enrichment grades appear on the 1st term of the upcoming school year's report card.

Scheduling Timeline 2022-2023

Date(s):	Event/Activity:
February 23, 2022 - February 25, 2022	Choosing Wisely: Program of Studies Presentation
February 24, 2022 - March 4, 2022	Student Course Selection Review and Teacher Recommendation
March 3, 2022 - March 4, 2022	9 th - 11 th Grade Student Course Requests Entered in Skyward
March 7, 2022	8th Grade Academic Fair & Course Requests Entered in Skyward
March 14, 2022	Rising Freshmen Shadow Days Begin
March 4, 2022 - May 13, 2022	School Counselors Review of Course Requests, Pathways, Academic Planning, and Schedules with Students
March 28, 2022 - June 16, 2022	Registration Window for Summer Enrichment Courses (WAVA)
April 4, 2022	Summer Enrichment Courses Begin (WAVA)
May 23, 2022 - June 22, 2022	Registration Window for Summer Credit Recovery Courses (WAVA)
May 24, 2022 - May 28, 2022	TRUE U for Rising Freshmen
May 31, 2022	Credit Recovery Courses Begin (WAVA)
June 1, 2022	Senior Celebration and 2022-23 Schedule Move Up Day
June 15, 2022	All Schedule Change Requests Must be Submitted
June 23, 2022 - August 5, 2022	Skyward Inactive due to Maintenance
August 2, 2022	Summer Enrichment & Credit Recovery Courses Due (WAVA)
August 5, 2022	Final Student Schedules Released in Skyward
August 23, 2022	First Day of School
August 31, 2022	Deadline for Elective Change Requests for Full Year and First Semester Courses
September 9, 2022	Deadline for Academic Change Requests AP & ECIHSA Change Requests Require an Academic Meeting
September 23, 2022	Last Day to Withdraw from a Course without a W being recorded on transcript
October 27, 2022	End of 1 st 9 Weeks
January 13, 2023	End of 2 nd 9 Weeks
January 25, 2023	Deadline for Elective Change Requests for Second Semester Courses
March 21, 2023	End of 3 rd 9 Weeks
June 3, 2023	End of 4 th 9 Weeks Last Day of School

Schedule Change Procedures

Scheduling Philosophy

West Allegheny High School offers a comprehensive educational program to meet the needs and interests of all students. The master schedule is developed from course requests submitted at the start of the second semester and is finalized in the late spring/early summer in order to set student and teacher schedules.

There is always the possibility that a class will close early due to heavy enrollment or that a class will not be scheduled due to an insufficient number of students electing that subject. Counselors meet with students and teachers to give input and recommendations as students are making their selections.

- NO schedule changes will be granted to allow students to change class periods or teachers for any course at any time.
- Requests to change lunch period will only be considered for medical reasons and may require a note from a physician.
- Extenuating circumstances sometimes arise that may necessitate the need to consider a change. All extenuating circumstances will be reviewed by an administrator on a case-by-case basis.

Summer Schedule Change Requests

1. All schedule change requests for the upcoming school year require a parent signature and must be submitted to the high school Guidance Office via the official schedule change request form by the 3rd Wednesday of June.

School Year Schedule Change Procedures

1. Students must exercise caution before changing/dropping courses to ensure that graduation, future goals, and NCAA requirements (when eligible) are being met.
2. Students must maintain a minimum of 7.00 credits per year unless otherwise permitted by administration through an approved academic plan.

Elective Change Procedures

1. Elective CHANGE REQUESTS for full year and first semester courses will be considered for the first 6-day rotation of the school year ONLY. Second semester elective change requests will be considered for the first 6-days of the second semester. Elective change requests require a parent signature and must be submitted to the high school Guidance Office via the official schedule change request form. Approval of the change does not guarantee that a change can be made. Changes will be made ONLY if space is available in the impacted classes.
2. Students are responsible for making up any missed work in the new elective course.
3. If the original elective course is dropped within this timeframe, it will NOT appear on the student's transcript.

Academic Level Change Procedures

1. Academic level CHANGE REQUESTS will be considered through the 12th day of school. AP/ECIHS course change requests will require an academic meeting and administrative approval. No academic level change will be considered without teacher input.
2. In the event that an ACADEMIC LEVEL change is approved the student's grades will transfer to the new course and the student is responsible for making up any required work.
3. Students are expected to work to their fullest potential prior to making a request for any schedule change. Students must demonstrate that they have attempted to fulfill all course expectations, e.g., completion of all assignments (including summer assignments), seeking extra help, and have met all other conditions established by the teacher.
4. All academic level change requests require a parent signature and must be submitted to the high school Guidance Office via the official schedule change request form. Approval of the change does not guarantee that a change can be made. Changes will be made ONLY if space is available in the impacted classes.
5. If the original academic course is changed within this timeframe, it will NOT appear on the student's transcript.

Repeating Courses

1. Students repeating a class that they failed will get credit upon successful completion of the repeating class. Both the failing grade and passing grade will show on the student's transcript and will be averaged into the GPA.
2. A student who chooses to repeat a course that was passed will have both courses shown on his/her transcript and both grades averaged into the GPA. The second successful attempt will count as an elective credit toward West Allegheny graduation requirements.

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Appendix A:

Naviance Family Connection



Naviance Family Connection is a comprehensive website that students can use to make plans about careers and colleges. Most students have created a Naviance Family Connection account using his or her personal email address as their username and a password of his or her choice. Any student who has not yet created an account should see his or her counselor for assistance.

Family Connection allows students to:

- **Get involved in the planning and advising process** – Build a resume, complete online surveys, and manage timelines and deadlines for making decisions about colleges and careers
- **Research colleges** – Compare GPA, standardized test scores, and other statistics to actual historical data from our school for students who have applied and been admitted in the past
- **Research careers** – Research hundreds of careers and career clusters, and take career assessments
- **Create plans for the future** – Create goals and to-dos, and complete tasks assigned by the school to better prepare your student for future college and career goals.
- **Search for scholarships** – Use a national scholarship database to search as well as see scholarship information from the School Counseling Office.

Family Connection also lets us share information with students about upcoming meetings and events, local scholarship opportunities, and other resources for college and career information.

The Career and College Pathways listed in the West Allegheny High School Program of Studies are aligned with the Career Clusters section of Naviance Family Connection. Career clusters are a way of grouping careers with common features and skills. Careers grouped into the same cluster typically require similar education and training. Exploring clusters can be a useful way to find a good career match, especially if you have general areas of interest but are not sure what specific careers match those interests. Career clusters can also help you better understand how your coursework in school can prepare you for certain types of careers. ***Students are strongly encouraged to visit [West Allegheny High School's Naviance Family Connection website](#) to access the login screen and explore all of the helpful resources offered.***

Career Clusters include:



[Agriculture, Food and Natural Resources](#)



[Arts, Audio/Video Technology and Communications](#)



[Education and Training](#)



[Government and Public Administration](#)



[Hospitality and Tourism](#)



[Information Technology](#)



[Manufacturing](#)



[Science, Technology, Engineering and Mathematics](#)



[Architecture and Construction](#)



[Business Management and Administration](#)



[Finance](#)



[Health Science](#)



[Human Services](#)



[Law, Public Safety, Corrections and Security](#)



[Marketing](#)



[Transportation, Distribution and Logistics](#)

Appendix B:

Pathways to Graduation

Pathways to Graduation

Guide to Meeting Statewide Requirements for High School Graduation

Keystone Proficiency Pathway

Keystone Composite Pathway

CTE Concentrator
Pathway

Alternative Assessment
Pathway

Evidence-Based
Pathway

Through Act 158 of 2018 and Act 6 of 2017, students graduating from a Pennsylvania public high school in 2023 or later will have the flexibility to meet statewide high school graduation requirements through one of five pathways that fully illustrate their college, career, and community readiness.

This guide is designed to assist during school counselor consultations, leading staff, and secondary students through the various pathways as they consider which best exemplifies each student's interests and goals. Prior to use, counselors should amend the guide to reflect only those options available to their students; for example, some schools do not offer an International Baccalaureate (IB) Diploma Programme. Counselors may also adapt the guide to include local policies, which are not limited to the statewide requirement and also govern graduation.

At the end of this guide is a sample student checklist to facilitate discussion and serve as a visual prompt for coursework selection or participation in opportunities such as internships or service learning projects as students pursue one or more pathways to graduation. For additional information on evidence requirements and other sample student forms, refer to the Act 158 Toolkit at <https://www.pdesas.org/Page/Viewer/ViewPage/56/>.

Keystone Proficiency and Keystone Composite Pathways

Keystone Proficiency remains a pathway to high school graduation for the graduating class of 2023 and beyond. Commonwealth students will *not* be required to pass the Keystone Exams (Algebra I, Literature, and Biology) in order to graduate; however, since most students will continue to participate in the Keystone Exams for federal accountability purposes, those achieving scores of Proficient or Advanced (a minimum scaled score of 1500 or higher) in each of the three Keystone Exams demonstrate Keystone Proficiency and meet statewide requirements for high school graduation.

Students achieving a minimum scaled score of less than 1500 on a Keystone Exam may meet statewide requirements under the new **Keystone Composite** Pathway provided:

- ✓ No score of Below Basic was earned for any Keystone Exam,
- ✓ A score of Proficient or Advanced was achieved on at least one Keystone Exam, and
- ✓ The composite score for all three Keystone Exams is 4452 or greater.

If students do not have three Keystone Exam scores or do not meet the requirements for either Keystone Pathway, they may opt to retake one or more Keystone Exams or may elect to meet statewide graduation requirements under the Career & Technical Education (CTE) Concentrator Pathway, Alternative Assessment Pathway, or Evidence-Based Pathway.

Pathways to Graduation

Guide to Meeting Statewide Requirements for High School Graduation CTE Concentrator, Alternative Assessment, and Evidence-Based Pathways

Locally Established Grade-Based Requirements

For the **CTE Concentrator**, **Alternative Assessment**, and **Evidence-Based** Pathways, each student must meet locally established grade-based requirements for academic content associated with *every* Keystone Exam on which the student earned a score of Basic or Below Basic.

By way of example, a student who only demonstrated Proficiency or better in the Keystone Literature Exam would need to meet locally established grade-based requirements for academic content associated with *both* Algebra I and Biology (e.g., the student may be required to pass both the Algebra I and the Biology courses). **Note:** Although schools may offer Project-Based Assessments (PBA) as grade-based options, they may not require students to participate in PBAs.

Pathway Evidence

In addition to meeting the aforementioned grade-based requirements, the student must provide pathway-related evidence demonstrating preparedness for postsecondary success.

To meet evidentiary requirements under the **Career & Technical Education (CTE) Concentrator** Pathway, a student must attain an Industry-Based Competency Certification related to the program of study *or* demonstrate either 1) readiness for continued meaningful engagement in the program of study *or* 2) a high likelihood of success on an approved industry-based assessment.

For evidence required under the **Alternative Assessment** and **Evidence-Based** Pathways, please refer to the chart on the following page.

Note: Although the **Alternative Assessment** Pathway requires only one piece of evidence, students earning scores of Basic or Below Basic on two or more Keystone Exams may need to fulfill multiple conditions in order to meet the pathway requirement for that piece of evidence.

By way of example, a student who only demonstrated Proficiency or better in the Keystone Literature Exam would need to 1) meet locally established grade-based requirements for academic content associated with *both* Algebra I and Biology and 2) satisfy *one* of the following pathway requirements:

- Achieve a score of 3 or higher on *two* AP exams (on academic content associated with Algebra I and Biology respectively) OR
- Achieve a score of 4 or higher on *two* IB exams (on academic content associated with Algebra I and Biology respectively) OR
- Successfully complete for *two* concurrent enrollment courses (on academic content associated with Algebra I and Biology respectively) OR
- Achieve an established score on *one* approved alternative assessment (including ACT WorkKeys NCRC), or
- Successfully complete *one* pre-apprenticeship program OR
- Gain acceptance into *one* 4-yr IHE and demonstrate the ability to enroll in college-level work.

Conversely, the **Evidence-Based** Pathway requires three pieces of evidence that reflect readiness for meaningful postsecondary engagement consistent with the student's goals and career plan – though no evidence under this pathway requires the fulfillment of multiple conditions associated with Keystone academic content (e.g., a score of 3 or higher on *any* AP Exam meets the criterion for one piece of evidence). However, as in Alternative Assessment and CTE Concentrator Pathways, students pursuing the Evidence-Based Pathway must meet locally established grade-based requirements for academic content associated with every Keystone Exam on which the student was less than proficient *in addition* to meeting evidentiary requirements for that pathway.

Pathways to Graduation

Guide to Meeting Statewide Requirements for High School Graduation

Meet local grade-based requirements for content associated with *every* Keystone Exam on which a student did not score Proficient or Advanced AND...

demonstrate readiness by attaining evidence under ONE of these pathways: ➡	Alternative Assessment Pathway (requires 1 piece of evidence)	Evidence-Based Pathway (requires 3 pieces of evidence)
	Satisfy ONE of the requirements (✓) below:	Satisfy up to THREE* of the requirements (✓) below:
Meet or exceed established score(s) on an approved alternative assessment	✓ Achieve <i>one</i> of the following: ACT – a composite score of 21 ASVAB – an AFQT composite score of 31 PSAT/NMSQT – a total score of 970 SAT – a total score of 1010	✓ Achieve at least a 630 on <i>any</i> SAT Subject Test(s) <i>(each SAT Subject Test in a different subject or level and with an earned score of 630 or higher may be counted as a piece of evidence)</i>
Meet or exceed established score on the ACT WorkKeys	✓ Achieve at least Gold Level NCRC (National Career Readiness Certificate)	✓ Achieve at least Silver Level NCRC (National Career Readiness Certificate)
Meet or exceed established score(s) on Advanced Placement (AP) Exam(s)	✓ For <i>every</i> Keystone Exam on which less than Proficient, take a content-related AP Exam and score a 3 or higher on <i>each</i>	✓ Score a 3 or higher on AP Exam(s) in <i>any</i> content area <i>(each AP Exam affiliated with a different course and with an earned score of 3 or higher may be counted as a piece of evidence)</i>
Meet or exceed established score(s) on International Baccalaureate (IB) Exam(s)	✓ For <i>every</i> Keystone Exam on which less than Proficient, take a content-related IB Exam and score a 4 or higher on <i>each</i>	✓ Score a 3 or higher on IB Exam(s) in <i>any</i> content area <i>(each IB Exam affiliated with a different course and with an earned score of 3 or higher may be counted as a piece of evidence)</i>
Successfully complete concurrent enrollment course(s) OR Successfully complete a postsecondary (other than concurrent enrollment) course(s)	✓ For <i>every</i> Keystone Exam on which less than Proficient, successfully complete a content-related concurrent course	✓ Successfully complete concurrent enrollment course(s) in <i>any</i> content area OR Successfully complete any postsecondary course(s) provided by an LEA-approved institution <i>(each course successfully completed may be counted as a piece of evidence)</i>
Acceptance into an accredited non-profit Institution of Higher Education (IHE) and ability to enroll in college-level work	✓ Provide an unconditional acceptance letter from a 4-year IHE OR general admittance and proof of college-level coursework enrollment/equivalent placement test results/equivalent graduate profile	✓ Provide an unconditional acceptance letter from an other-than-4-year IHE OR general admittance and proof of college-level coursework enrollment/equivalent placement test results/equivalent graduate profile
Successfully complete a Pre-Apprenticeship Program	✓ Successfully complete a PA Labor & Industry registered pre-apprenticeship program	N/A
Attain Industry-Recognized Credential(s)	N/A	✓ Receive Industry-Recognized Credential(s) from an SEA- or LEA-approved provider <i>(each credential earned may be counted as a piece of evidence)</i>
		*At least ONE piece of evidence must be attained through the requirements listed above. To attain additional evidence, the student may satisfy up to TWO of the requirements (✓) below:
Score Proficient or Advanced on Keystone Exam(s)	N/A	✓ Meet or exceed a score of 1500 on the Algebra 1, Biology, or Literature Keystone Exam(s) <i>(each Keystone Exam affiliated with a different course and with an earned score of 1500 or higher may be counted as a piece of evidence)</i>
Complete Service-Learning Project(s)	N/A	✓ Successfully complete (verified by adult supervisor) LEA-approved service-learning project(s) of sufficient duration and intensity to address community needs and learning goals <i>(each service-learning project completed may be counted as a piece of evidence, maximum two)</i>
Complete Internship(s), Externship(s), or Cooperative Education Program(s)	N/A	✓ Successfully complete (as defined by LEA) an internship or cooperative education program <i>(each internship, externship, or cooperative education program completed may be counted as a piece of evidence, maximum two)</i>
Comply with the NCAA Division II core course requirements for college-bound athletes	N/A	✓ Maintain the minimum credits and GPA in requisite courses per NCAA guidelines (as certified by LEA)
Attain a letter guaranteeing full-time employment	N/A	✓ Provide a letter or completed form indicating good faith offer(s) of postsecondary work commensurate with full-time employment as verified by the school administrator OR enlistment papers

Pathways to Graduation

Guide to Meeting Statewide Requirements for High School Graduation

Sample Student Checklist

[STUDENT NAME]

[PAsecureID]

[DATE]

KEYSTONE PROFICIENCY PATHWAY	
ALGEBRA I KEYSTONE EXAM	[scaled score]
BIOLOGY KEYSTONE EXAM	[scaled score]
LITERATURE KEYSTONE EXAM	[scaled score]
ALL THREE 1500 OR HIGHER	<input type="checkbox"/> SATISFIED (PATHWAY COMPLETE) <input type="checkbox"/> NOT SATISFIED (see Keystone Composite)

ALGEBRA I: Below Basic (1200-1438), Basic (1439-1499), Proficient (1500-1545), Advanced (1546-1800)
 BIOLOGY: Below Basic (1200-1459), Basic (1460-1499), Proficient (1500-1548), Advanced (1549-1800)
 LITERATURE: Below Basic (1200-1443), Basic (1444-1499), Proficient (1500-1583), Advanced (1584-1800)

KEYSTONE COMPOSITE PATHWAY	
No score Below Basic	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET
At least one score Proficient or Advanced	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET
Composite score 4452 or higher	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET
ALL THREE MARKED MET	<input type="checkbox"/> SATISFIED (PATHWAY COMPLETE) <input type="checkbox"/> NOT SATISFIED (see Decision Matrix A)

DECISION MATRIX A	
Will you retake one or more Keystone Exams?	<input type="checkbox"/> YES (see Keystone Proficiency Pathway) <input type="checkbox"/> NO (see next question)
Are you engaged in CTE program of study?	<input type="checkbox"/> YES (see CTE Concentrator Pathway) <input type="checkbox"/> NO (see Decision Matrix B)

CAREER & TECHNICAL EDUCATION (CTE) CONCENTRATOR PATHWAY			
ALGEBRA 1 KEYSTONE EXAM	Scaled score of 1500 or higher	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET (requires one marked YES)
	Grade-based requirements satisfied	<input type="checkbox"/> YES <input type="checkbox"/> NO	
BIOLOGY KEYSTONE EXAM (or STEE course)	Scaled score of 1500 or higher	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET (requires one marked YES)
	Grade-based requirements satisfied	<input type="checkbox"/> YES <input type="checkbox"/> NO	
LITERATURE KEYSTONE EXAM	Scaled score of 1500 or higher	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET (requires one marked YES)
	Grade-based requirements satisfied	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Industry-Based Evidence	Competency certification attainment	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET (requires one marked YES)
	Program continuation readiness	<input type="checkbox"/> YES <input type="checkbox"/> NO	
	Industry-based assessment potential	<input type="checkbox"/> YES <input type="checkbox"/> NO	
ALL FOUR MARKED MET			<input type="checkbox"/> SATISFIED (PATHWAY COMPLETE) <input type="checkbox"/> NOT SATISFIED (review options)

Pathways to Graduation

Guide to Meeting Statewide Requirements for High School Graduation

DECISION MATRIX B	
Are you participating in the ACT, PSAT/NMSQT, SAT, or ASVAB?	<input type="checkbox"/> YES (consider Alternative Assessment Pathway) <input type="checkbox"/> NO (see next question)
Are you planning to attend a 4-year institution of higher education?	<input type="checkbox"/> YES (consider Alternative Assessment Pathway) <input type="checkbox"/> NO (see next question)
Are you enrolled in a pre-apprenticeship program?	<input type="checkbox"/> YES (consider Alternative Assessment Pathway) <input type="checkbox"/> NO (see Decision Matrix C)

ALTERNATIVE ASSESSMENT PATHWAY			
CORE REQUIREMENTS			
ALGEBRA 1 KEYSTONE EXAM	Scaled score of 1500 or higher	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET (requires one marked YES)
	Grade-based requirements satisfied	<input type="checkbox"/> YES <input type="checkbox"/> NO	
BIOLOGY KEYSTONE EXAM	Scaled score of 1500 or higher	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET (requires one marked YES)
	Grade-based requirements satisfied	<input type="checkbox"/> YES <input type="checkbox"/> NO	
LITERATURE KEYSTONE EXAM	Scaled score of 1500 or higher	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET (requires one marked YES)
	Grade-based requirements satisfied	<input type="checkbox"/> YES <input type="checkbox"/> NO	
EVIDENTIARY REQUIREMENTS			
Meet or exceed established score on ONE approved alternative assessment	ACT composite score of 21 or higher	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET (requires one marked YES)
	ASVAB AFQT composite score of 31 or higher	<input type="checkbox"/> YES <input type="checkbox"/> NO	
	PSAT/NMSQT total score of 970 or higher	<input type="checkbox"/> YES <input type="checkbox"/> NO	
	SAT total score of 1010 or higher	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Meet or exceed established score on ACT WorkKeys	NCRC Gold Level or higher		<input type="checkbox"/> MET <input type="checkbox"/> NOT MET
Score 3 or higher on AP Exam(s) related to EACH Keystone Exam on which less than Proficient	AP Exam score 3 or higher (Algebra I)	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET (requires each marked YES or N/A)
	AP Exam score 3 or higher (Biology)	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
	AP Exam score 3 or higher	<input type="checkbox"/> YES	

Pathways to Graduation

Guide to Meeting Statewide Requirements for High School Graduation

	(Literature)	<input type="checkbox"/> NO <input type="checkbox"/> N/A	
Score 4 or higher on IB Exam(s) related to EACH Keystone Exam on which less than Proficient	IB Exam score 3 or higher (Algebra I)	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET (requires each marked YES or N/A)
	IB Exam score 3 or higher (Biology)	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
	IB Exam score 3 or higher (Literature)	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
Successfully complete concurrent enrollment course(s) related to EACH Keystone Exam on which less than Proficient	Pass concurrent course (Algebra I)	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET (requires each marked YES or N/A)
	Pass concurrent course (Biology)	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
	Pass concurrent course (Literature)	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
Demonstrate acceptance into 4-yr institution of higher education and ability to enroll in college-level work	Unconditional acceptance letter	<input type="checkbox"/> YES	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET (requires one marked YES)
	General admittance letter	<input checked="" type="checkbox"/>	
	College-level coursework enrollment OR equivalent placement test results OR equivalent graduate profile	<input checked="" type="checkbox"/>	
		<input type="checkbox"/> YES (requires both checked)	
Successfully complete a Pre-Apprenticeship Program	Passing grade and program completion verified by adult supervisor	<input type="checkbox"/> YES	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET
ALL THREE CORE REQUIREMENTS MARKED MET			<input type="checkbox"/> SATISFIED (proceed to next row) <input type="checkbox"/> NOT SATISFIED (review options)
MINIMALLY ONE EVIDENTIARY REQUIREMENT MARKED MET			<input type="checkbox"/> SATISFIED (PATHWAY COMPLETE) <input type="checkbox"/> NOT SATISFIED (review options)

DECISION MATRIX C	
Are you planning to enter the workforce or military upon graduation?	<input type="checkbox"/> YES (consider Evidence-Based Pathway) <input type="checkbox"/> NO (see next question)
Are you enrolled in an internship or cooperative education program or have you received an Industry-Recognized credential?	<input type="checkbox"/> YES (consider Evidence-Based Pathway) <input type="checkbox"/> NO (see next question)
Are you planning to attend a less than 4-year institution of higher education?	<input type="checkbox"/> YES (consider Evidence-Based Pathway) <input type="checkbox"/> NO (see next question)
Are you able to meet NCAA Division II academic requirements?	<input type="checkbox"/> YES (consider Evidence-Based Pathway) <input type="checkbox"/> NO (review options)

Pathways to Graduation

Guide to Meeting Statewide Requirements for High School Graduation

TIP: Review all twelve evidentiary requirements before selecting options as some pieces of evidence may have been attained previously (e.g., a score of Proficient or Advanced on a Keystone Exam).

EVIDENCE-BASED PATHWAY			
CORE REQUIREMENTS			
ALGEBRA 1 KEYSTONE EXAM	<i>Scaled score of 1500 or higher</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET <i>(requires one marked YES)</i>
	<i>Grade-based requirements satisfied</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO	
BIOLOGY KEYSTONE EXAM	<i>Scaled score of 1500 or higher</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET <i>(requires one marked YES)</i>
	<i>Grade-based requirements satisfied</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO	
LITERATURE KEYSTONE EXAM	<i>Scaled score of 1500 or higher</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET <i>(requires one marked YES)</i>
	<i>Grade-based requirements satisfied</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO	
EVIDENTIARY REQUIREMENTS: SECTION 1			
Meet or exceed established score on any SAT Subject Test(s)	<i>SAT Subject Test score of 630 or higher</i>	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET	
	<i>2nd SAT Subject Test score of 630 or higher</i>	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET	
	<i>3rd SAT Subject Test score of 630 or higher</i>	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET	
Meet or exceed established score on the ACT WorkKeys	<i>NCRC Silver Level or higher</i>	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET	
Score 3 or higher on any AP Exam(s)	<i>AP Exam score 3 or higher</i>	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET	
	<i>2nd AP Exam score 3 or higher</i>	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET	
	<i>3rd AP Exam score 3 or higher</i>	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET	
Score 3 or higher on any IB Exam(s)	<i>IB Exam score 3 or higher</i>	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET	
	<i>2nd IB Exam score 3 or higher</i>	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET	
	<i>3rd IB Exam score 3 or higher</i>	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET	
Successfully complete concurrent enrollment course(s) or approved postsecondary course(s)	<i>Pass course</i>	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET	
	<i>Pass 2nd course</i>	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET	
	<i>Pass 3rd course</i>	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET	
Demonstrate acceptance into an other-than 4-yr institution of higher education and ability to enroll in college-level work	<i>Unconditional acceptance letter</i>	<input type="checkbox"/> YES	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET <i>(requires one marked YES)</i>
	<i>General admittance letter</i>	√ <input type="checkbox"/>	
	<i>College-level coursework enrollment</i> <i>OR equivalent placement test results</i> <i>OR equivalent graduate profile</i>	<input type="checkbox"/> YES <i>(requires both checked)</i>	
Attain Industry-Recognized	<i>Earn credential</i>	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET	

Pathways to Graduation

Guide to Meeting Statewide Requirements for High School Graduation

Credential from approved provider(s)	Earn 2 nd credential	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET
	Earn 3 rd credential	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET
EVIDENTIARY REQUIREMENTS: SECTION 2		
Score Proficient or Advanced on any Keystone Exam(s)	Score 1500 or higher on Algebra 1	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET
	Score 1500 or higher on Biology	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET
	Score 1500 or higher on Literature	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET
Successfully complete approved service-learning project(s)	Project completion verified by adult supervisor	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET
	2 nd Project completion verified by adult supervisor	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET
Successfully complete internship or cooperative program(s)	Program completion verified by adult supervisor	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET
	2 nd Program completion verified by adult supervisor	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET
Meet the NCAA Division II academic requirements for college-bound athletes	Academic standing verified by school administrator	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET
Provide a letter/form guaranteeing full-time employment or military enlistment papers	Letter/form/enlistment papers verified by school administrator	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET
ALL THREE CORE REQUIREMENTS MARKED MET		<input type="checkbox"/> PARTIALLY SATISFIED (proceed to next row) <input type="checkbox"/> NOT SATISFIED (review options)
MINIMALLY ONE EVIDENTIARY REQUIREMENT MARKED MET IN SECTION 1		<input type="checkbox"/> PARTIALLY SATISFIED (proceed to next row) <input type="checkbox"/> NOT SATISFIED (review options)
A TOTAL OF THREE EVIDENTIARY REQUIREMENTS MARKED MET (UP TO TWO PERMISSIBLE FROM SECTION 2)		<input type="checkbox"/> SATISFIED (PATHWAY COMPLETE) <input type="checkbox"/> NOT SATISFIED (review options)

Pathways to Graduation

Guide to Meeting Statewide Requirements for High School Graduation

Sample Pathway Progress Log

[STUDENT NAME]

[PAsecureID]

DATE	ACTIVITY TYPE <ul style="list-style-type: none">▪ student conference▪ parent communication▪ colleague consultation▪ other (specify)	ACTIVITY SUMMARY	NEXT STEPS & TIMEFRAME <i>What needs to be done?</i> - by whom: student, counselor, other (specify)? - by when?

Appendix C:

Course Selection Forms



West Allegheny High School

Course Scheduling Form: Class of _____

*Every student must schedule and maintain a minimum of 7.00 credits unless otherwise permitted by the academic principal.
Be certain to review the requirements and prerequisites for the courses you are choosing.*

2022-2023 Requested Educational Model: ☐ Full In-Person ☐ Full WAVA ☐ Hybrid
 Current 2021-2022 Educational Model: ☐ Full In-Person ☐ Full WAVA ☐ Hybrid

Last Name: (Please print legibly)				First Name: (Please print legibly)			
Please select at least one Career and College Pathway:							
Business & Finance		Career & Industry		Communications & Art		Computer Information Technology	
Education, Human, & Public Service		Engineering		General Studies		Health & Science	
Potential Career Goal:							
Are you enrolled or planning to enroll in an ECIHSA program? If so, which one?							
CCAC Cybersecurity & IT Support Specialist Associate Degree		CCAC Mechatronics Technology Certificate		RMU Engineering (fast track to Bachelor's & Master's)		PTC HVAC Technology Associate Degree	
CCAC Cybersecurity Support Specialist Certificate		CCAC General Studies Associate Degree		PTC Nursing Associate Degree		PTC HVAC Technology Certificate	
CCAC Networking Support Specialist Certificate		CCAC General Education Certificate		PTC Surgical Technology Associate Degree		PTC Welding Technology Associate Degree	
CCAC Multimedia Programming, Simulation & Gaming Associate Degree		RMU Business Administration (fast track to Bachelor's & Master's)		PTC Practical Nursing Certificate		PTC Welding Technology Certificate	
CCAC Multimedia Game Simulation Certificate		RMU Early Childhood Education (fast track to Bachelor's)		PTC Therapeutic Massage Practitioner Certificate		PTC Electrician Technology Certificate	
						CCBC Professional Pilot Associate Degree	

COURSE TYPE	COURSE #	COURSE REQUESTED	CREDITS	TEACHER INITIALS OR RECOMMENDATION
English 4 crs req'd for grad.				
Math 4 crs req'd for grad.				
Science 4 crs req'd for grad.				
Social Studies 4 crs req'd for grad.				
Health 0.5 crs req'd for grad.				
PE 0.5 crs req'd for grad.				
List electives in order of preference. Students may choose to take additional academic courses as electives. Any elective requiring a prerequisite must be signed off on by the teacher.				
1 st Elective Choice				
2 nd Elective Choice				
3 rd Elective Choice				
4 th Elective Choice				
5 th Elective Choice				
TOTAL CREDITS REQUESTED				

*By signing below, you acknowledge that you have reviewed the course selections and teacher recommendations for the 2022-2023 school year and have provided input accordingly.
Please feel free to contact your school counselor to discuss any scheduling questions.*

Parent Signature: _____

Student Signature: _____

Notes to school counselor:

West Allegheny High School Graduation Planning Worksheet

It is encouraged that families use this form to assist in planning a comprehensive educational high school plan.
Please refer to the graduation requirements while completing this form. All students are required to schedule and maintain a minimum of 7.00 credits each academic year earning a total of at least 26.25 total credits.

Subject	Credits Required	Grade	Courses Completed/To be Completed	Year	Credits
English Language Arts	4	9			
		10			
		11			
		12			
Mathematics	4 (Class of '23, '24, '25 - 3 if attending Parkway CTC)	9			
		10			
		11			
		12			
Science	4 (3 if student attends Parkway CTC)	9			
		10			
		11			
		12			
Social Studies	4 (3 if student attends Parkway CTC)	9			
		10			
		11			
		12			
Physical Education/Health	1 (0.5 Health required)	9			
		10			
		11			
		12			
Electives	9.25				
				Year	Met/Not Met
State Assessments		Algebra 1			
		Biology			
		Literature			
Career Readiness		Civics Exam (Taken during American Government or AP US Government course)			
		Career and Education Work Standards Portfolio (Minimum of 8 pieces of evidence with at least 2 per grade level maintained on Canvas)			
		Industry Based Learning Indicator			
GRAND TOTAL				78	

Appendix D:

4-year Academic Planning Worksheets

How to Create a Four-Year Plan for High School

Step 1: Find Out the Graduation Requirements

Every high school has a set, minimum curriculum that students must complete in order to earn their diploma. We recommend you review the West Allegheny High School Program of Studies to be sure you are meeting the requirements.

Here are the Top 5 questions to ask when creating your four-year plan. You can find the answers to most of these questions in the West Allegheny High School Program of Studies. If you need help, you can ask your school counselor:

1. How many credits in each subject do I need in order to graduate on time?
2. What additional graduation requirements exist?
3. Are there any courses I can take for college credit?
 - If so, what are the requirements, and how can I find out whether the credits will transfer?
4. What are my best course options if I want to go to the workforce or into the military?
5. How often should I check in to make sure I'm on the right track?

Step 2: Ask Yourself the Right Questions & Perform a Self-Evaluation

While it is important to know the practical steps you need to take toward graduation, you know yourself and your own interests better than anyone. Start asking yourself questions about who you are, what you want, and what you need to do to reach your goals. These questions may help direct you to the Career and College Pathway that is the best fit for you.

Check in with yourself, and consider talking through your self-evaluation with your parents, school counselor, teachers, coaches, mentors, or older siblings.

Here are the Top 10 Questions to Ask Yourself:

1. Where do I want to be eight years from now?
2. What type of lifestyle do I wish to live?
3. What are my strengths and weaknesses?
4. What is my dream career?
5. What's my plan B?
 - Second career choice
 - Second major choice

6. What am I looking for in a college or employer?
7. What type of student does my preferred college(s) tend to enroll or my preferred employer tend to hire, and how can I develop myself during high school so that I would be a good candidate?
8. What is my high school GPA goal?
9. Will I need scholarships for college? If so, what kinds should I be looking for, and what do I need to do in order to qualify?
10. What type of support (financial, emotional, etc.) will I need to make the transition to college or the workforce?

The honest answers to these questions will push you to be realistic about your goals and help you determine the best path to take. Knowing the areas in which you excel and how they align with your interests will help you narrow down the choices to make, the academic levels which will be most helpful, the electives to take, and the activities on which to focus.

Step 3: Choose Electives that Interest You & Help You Stand Out to Colleges or Employers

After you wrap your head around your graduation requirements, start to brainstorm which electives you might want to take. Electives help you explore areas of study that you might be interested in and dive more deeply into subjects that may only be introduced briefly in your core classes.

Use your elective options to learn what you like and dislike and where you excel. Your choices in elective courses show college admissions counselors and employers what you are passionate about, the type of student you are, and how well you can manage a busy schedule. Taking interesting, well-planned electives shows that you take education seriously, so ask your school counselor and upperclassmen about any special electives that might be a good fit for you as well as reviewing the recommended electives listed for each Career and College Pathway.

Adapted from an article on the Colleges of Distinction website

<https://collegesofdistinction.com/advice/how-to-create-a-four-year-plan-for-freshmen/>



West Allegheny High School

4-year Academic Planning Worksheet



This worksheet is designed to be helpful in the planning of your high school academics. It is the responsibility of students and parents to know the requirements for promotion and graduation, however, your school counselor is available to assist you in planning your 4-year academic course path. Please remember that every student must carry a minimum of 7.00 credits each school year, unless otherwise pre-approved by a school administrator. Please be sure to review the graduation requirements and credits required from promotion while determining your 4-year academic plan.

College and Career

Pathway of interest: _____ Career Interest: _____

<u>9th Grade</u>			
Course Number		Course Title	Credits
English			
Math			
Science			
Social Studies			
Health/PE			
Elective			
Elective			
Elective			
Elective			
Total Credits			

<u>10th Grade</u>			
Course Number		Course Title	Credits
English			
Math			
Science			
Social Studies			
Health/PE			
Elective			
Elective			
Elective			
Elective			
Total Credits			



West Allegheny High School

4-year Academic Planning Worksheet



This worksheet is designed to be helpful in the planning of your high school academics. It is the responsibility of students and parents to know the requirements for promotion and graduation, however, your school counselor is available to assist you in planning your 4-year academic course path. Please remember that every student must carry a minimum of 7.00 credits each school year, unless otherwise pre-approved by a school administrator. Please be sure to review the graduation requirements and credits required from promotion while determining your 4-year academic plan.

College and Career

Pathway of interest: _____ Career Interest: _____

<u>11th Grade</u>			
Course Number	Course Title		Credits
English			
Math			
Science			
Social Studies			
Elective			
Elective			
Elective			
Elective			
Elective			
Total Credits			

<u>12th Grade</u>			
Course Number	Course Title		Credits
English			
Math			
Science			
Social Studies			
Elective			
Elective			
Elective			
Elective			
Elective			
Total Credits			

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Appendix E:

Schedule Change Request Form



West Allegheny High School Schedule Change Request

For Office Use Only:

Date Received: _____

Admin Approved: _____

Date Changed: _____

Please complete the following information using our online schedule change process.

Click on this link: <https://forms.gle/j7VugjHac6xgMQH7A> to complete your change request.

Name: _____ Grade: _____ Counselor: _____

Current Post-Secondary Goal: _____

Phone #: _____ Email: _____

Requested Drop: _____ Requested Add: _____

Please select the reason for your requested schedule change to be considered.

All students must be enrolled in a minimum of 7.00 credits throughout the school year unless otherwise approved by administration.

- | | |
|---|---|
| <input type="checkbox"/> **Course Level Change
(AP/ECIHA course changes require meeting as well as teacher communication & signatures below)
See back of this form for details, grading policy, and timelines. | <input type="checkbox"/> Adjustments for: IEP, 504, ECIHSA, AP Capstone Diploma, CCBC Aviation Academy, PTC Health Sciences Academy, Parkway, Early Release (<i>please circle appropriate reason</i>) |
| <input type="checkbox"/> Change in interests or post-secondary goals
Please identify: | <input type="checkbox"/> Change based on summer enrichment or credit recovery course grade |
| <input type="checkbox"/> Dropping a class to add a study hall or study skills | <input type="checkbox"/> A computer error – example: unbalanced schedule – multiple study halls or missing lunch |
| <input type="checkbox"/> Other Changes: If you do not meet any of the above allowable schedule change criteria, you may appeal to the administration by writing a persuasive letter of request. <ul style="list-style-type: none">• Provide, in paragraph form, insight into the reason(s) you originally requested the course, reason(s) why you want to take the new course, as well as an explanation of why you think an exception to the designated scheduling process should be made.• Although the essay may meet the criteria, changes will be granted based upon seat availability. | |

SIGNATURES REQUIRED

Teacher Signature: _____ (Required)

Guardian Signature:** _____ (Required)

Student Signature:** _____ (Required)

****By signing here, I understand that I must be enrolled in at least 7.00 credits throughout the school year.**

IEP/504 Advocate Signature: _____ (If needed)

Schedule changes are not in effect until you receive a revised schedule.

Summer Schedule Change Requests

All schedule change requests for the upcoming school year require a parent signature and must be submitted to the high school Guidance Office via the official schedule change request form by 3rd Wednesday of June.

School Year Schedule Change Procedures

- Students must exercise caution before changing/dropping courses to ensure that graduation, future goal, and NCAA requirements (when eligible) are being met.
- Students must maintain a minimum of 7.00 credits per year unless otherwise permitted by administration through an approved academic plan.

Elective Change Procedure

1. Elective CHANGE REQUESTS for full year and first semester courses will be considered for the first 6-day rotation of the school year ONLY. Second semester elective change requests will be considered for the first 6-days of the second semester. Elective change requests require a parent signature and must be submitted to the high school Guidance Office via the official schedule change request form. Approval of the change does not guarantee that a change can be made. Changes will be made ONLY if space is available in the impacted classes.
2. Students are responsible for making up any missed work in the new elective course.
3. If the original elective course is dropped within this timeframe, it will NOT appear on the student's transcript.

Academic Level Change Procedures

1. Academic level CHANGE REQUESTS will be considered through the 12th day of school. AP/ECIHS course change requests will require an academic meeting and administrative approval. No academic level change will be considered without teacher input.
2. In the event that an ACADEMIC LEVEL change is approved the student's grades will transfer to the new course and the student is responsible for making up any required work.
3. Students are expected to work to their fullest potential prior to making a request for any schedule change. Students must demonstrate that they have attempted to fulfill all course expectations, e.g., completion of all assignments (including summer assignments), seeking extra help, and have met all other conditions established by the teacher.
4. All academic level change requests require a parent signature and must be submitted to the high school Guidance Office via the official schedule change request form. Approval of the change does not guarantee that a change can be made. Changes will be made ONLY if space is available in the impacted classes.
5. If the original academic course is changed within this timeframe, it will NOT appear on the student's transcript.

Repeating Courses

1. Students repeating a class that they failed will get credit upon successful completion of the repeating class. Both the failing grade and passing grade will show on the student's transcript and will be averaged into the GPA.
2. A student who chooses to repeat a course that was passed will have both courses shown on his/her transcript and both grades averaged into the GPA. The second successful attempt will count as an elective credit toward West Allegheny graduation requirements.

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Appendix F:

Early Graduation Guidelines

Early Graduation Guidelines

West Allegheny students must meet the minimum graduation requirements to be eligible for graduation. These requirements include: earning at least 26.25 credits after successfully completing eighth grade, successful completion of core academic courses, demonstrating proficiency in state assessed areas, and successful demonstration of the career readiness standards. Completion of these requirements generally occurs over four consecutive school years. Students who elect to attend Parkway West CTC for at least two school years are exempt from 4th year academic course requirements in mathematics, science, and social studies. All graduation requirements are outlined in the table on the back of this page with additional information in the program of studies.

Any student that wishes to complete the graduation requirements in less than four school years may do so and apply for early graduation given they have met the following criteria.

- Earned more than 10.00 credits, at least 8.00 of which were core academic credits
- In good academic standing as demonstrated by a GPA of 3.0 or higher
- Have an attendance rate of 90% or higher for their high school career
- Be without major disciplinary infractions
- Have evidence of a viable post-secondary plan (e.g. acceptance to a 2 or 4 year school, enlistment in one of the armed forces, acceptance to an apprenticeship program)

Any student that meets all of the criteria listed above should begin by scheduling a meeting with their school counselor and parents/guardians to discuss if applying for early graduation is appropriate for them. If the decision is made to move forward, they must submit a written request for review to the Academic Principal, Mrs. Roche, articulating their plan no later than one semester before they requested early graduation date. This written request must include:

- 1) Rationale for applying for early graduation
- 2) A plan for the successful completion of all graduation requirements
- 3) A viable post-secondary plan including evidence
- 4) A timeline for proposed graduation

The students request will then be reviewed and if eligible to move forward, a meeting will be scheduled with the student, their family, and school counselor to discuss preliminary approval and next steps.

Any student that is granted preliminary approval must submit their evidence of post-secondary plans, maintain their academic good standing, attendance, and behavior, and successfully complete all graduation requirements prior to the date agreed upon at their preliminary pre-approval meeting. Once all graduation requirements are met, they will be considered for graduation.

If the student is requesting early graduation that aligns with the end of a school year (i.e. graduating in three years instead of four years), they will be permitted to participate in senior student level activities after the pre-approval meeting has successfully concluded.

Requirement Category	Min Credit	Minimum Course Requirements	4 th year Course Options	
English	4	English 9 or Honors English 9* English 10 or Honors English 10* English 11, College Readiness English 11, or AP English Lang & Comp**✘+ Course from 4 th Year Course Options	English 12 College Readiness English 12 AP English Lit & Comp**✘ AP Research **	Oral Communications **✘ Classic & Modern Lit **✘✘ Medical Terminology ** (+ only) Career Development ** (+ only)
Mathematics	4	Algebra I Geometry Algebra II or HEC Algebra II**✘+ Course from 4 th Year Course Options	Introduction to Algebra Trigonometry & Precalculus Honors Trig & Precalculus* Discrete Math AP Statistics**✘ Calculus AP Calculus AB**✘	AP Calculus BC**✘ AP Computer Science Princ** AP Computer Science A**✘ Financial Accounting**✘ 3D Game Development**✘ Intro Data Analy w/Python**✘ Programming in C & C++**✘
Science	4	Biology w/Lab or Honors Biology w/Lab* Conceptual Chemistry or Honors Chemistry* Conc Physics or Physics or AP Physics 1**✘ Course from 4 th Year Course Options	AP Biology**✘ AP Chemistry**✘ AP Physics 2**✘ Forensics Science Anatomy & Physiology* Exercise Science Ethical Hacking**✘	Health Sciences (WAVA) Intro to Astronomy (S-WAVA) Intro to Marine Biology (S-WAVA) Intro to Vet Science (S-WAVA) ECIHS-PTC courses for specific programs are also available
Social Studies	4	U.S. History or Honors U.S. History* American Government or AP U.S. Government & Politics**✘ World Cultures or AP World History** Course from 4 th Year Course Options	Criminal Justice & Invest**✘ AP Psychology**✘+ AP Economics**✘ Psychology & Sociology Sociology of Sports (S) Current Affairs (S) AP U.S. History (WAVA)** AP Seminar** African Amer History (S-WAVA) Native Ameri Studies (S-WAVA) Women’s Studies (S-WAVA) USMC Junior ROTC IV African Amer & Multicultural Stud Spanish III	Holocaust & Genocide Studies (S) HEC Spanish IV**✘ AP Spanish Lang & Cul** German III HEC German IV**✘ AP German Lang & Culture** Game Prod & Marketing**✘ Found of Nursing ** (+ only) Prof Ethics & Int Com ** (+ only) Steps Career Success 1 **(+ only) Intro to World Religion (S-WAVA) French III (WAVA) French IV (WAVA)* AP French Lang & Cul (WAVA) **
Physical Education	0.5	Physical Education, Physical Conditioning, or Dance in 9 th Grade (minimally 0.25 credits) Physical Education, Physical Conditioning, or Dance in 10 th Grade (minimally 0.25 credits)		
Health	0.5	Health in 9 th Grade (0.25 credits) Health in 10 th Grade (0.25 credits)		
Elective	9.25			
State Assessment	Proficient or Advanced on the Keystone Exams in Literature, Algebra I, and Biology OR Demonstration of proficiency through an alternate pathway			
Career Readiness	Completion of Civics Exam taken during American Government or AP US Government and Politics Successful completion of the Career and Education Work Standards Portfolio including Career Seminar requirements Successful completion of Industry Based Learning Experience			
Total Required	26.25			

