

TITLE: ADOLESCENT LEVEL PROGRAM OF STUDY

1. Program Definitions.

1.1 Adolescent Education (Grades 9-12). -- Adolescent education provides students the 21st century intellectual, social/emotional, physical, and technological capacities needed for successful entry into adulthood. The adolescent education program provides challenging and rigorous courses in the programs of study that will enable students to achieve high levels of competence so they can complete graduation requirements and be prepared to successfully enter and compete in the workplace and in post-secondary education. Students in the adolescent education program will have the opportunity to examine a system of career clusters and to annually review their educational pathway and chosen career concentration.

Chart V outlines the West Virginia high school graduation requirements effective for all students enrolled in high school in the 2011-12 school year, unless otherwise specified.

Chart V Adolescent (9-12) Graduation Requirements (Effective 2011-12)

These graduation requirements are effective for all students enrolled in school year 2011-12 and thereafter. Courses needed for graduation require mastery of approved 21st century or next generation content standards and objectives. Students who do not demonstrate mastery of the content standards and objectives shall be provided extra help and extra time through scaffolded learning and support.

Core Requirements (18 credits)	
English Language Arts¹	4 credits English 9 English 10 or an AP® English course English 11 or an AP® English course English 12, English 12 CR or an AP® English course
Mathematics²	4 credits From the approved mathematics course sequences

Science³	3 credits Physical Science Biology or Conceptual Biology or AP [®] Biology One additional rigorous lab science course
Social Studies⁴	4 credits World Studies or an AP [®] Social Studies Course United States Studies or an AP [®] Social Studies Course ⁴ Contemporary Studies or an AP [®] Social Studies Course ⁴ Civics for the Next Generation or AP [®] Government and Politics
Physical Education	1 credit
Health	1 credit
The Arts	1 credit
Electives	2 credits The remaining graduation requirements are to be electives.
Professional Pathway (4 Credits)	Skilled Pathway (4 Credits)⁵
<p>Science - 4th credit from the list of approved science courses²</p> <p>Foreign Language - 2 credits in one language</p> <p>1 additional credit required. It is recommended that all professional pathway students complete at least one AP[®] course with corresponding examination.</p>	4 additional credits required for completion of the students' selected concentration (ISTP)
Career Development	All students in grades 9-12 shall be provided structured, on-going experiences for career exploration, decision making and career preparation.

Experiential Learning	All students must participate in an experiential learning experience at some time in grades 9-12. If credit is granted for these experiences, content standards and objectives will be developed and approved at the local level. (See Section 5.6.e.)
Technology	Students in grades 9-12 shall be provided integrated opportunities within the core requirements to master the standards for Policy 2520.14. It is recommended that all students take at least one course in technology applications during grades 9-12. It is also recommended that all students complete an online learning experience during grades 9-12. Students must be provided opportunities for advanced technology applications.
Senior Year	All West Virginia High School students shall be fully enrolled in a full day of high school and/or college credit bearing courses. It is recommended that students complete a senior project to add rigor and relevance to the senior year. The senior project is built into the English 12 College and Career Ready Course (English 12 CR) and no additional senior project is recommended for the students enrolled in this course.

¹ Because of the progression of the standards within courses, the intent is that students take English courses annually in sequence. English 12 College and Career Ready must be offered annually and will be counted as an English 12 credit. Students in the professional pathway and college-bound students in the skilled pathway who are borderline in terms of meeting the college and career ready benchmark, according to multiple data as indicated by the placement guidance form, may choose to take, or may be required to take, the English 12 CR course during the 12th grade year. Consideration will be given to English Language Arts performance on previous assessments and successful completion of previous English courses to allow students who do not meet the college and career benchmarks to have appropriate English 12 course options. Students who take the English 12 CR course will take an end-of-course assessment to provide timely feedback on their readiness for college entry level course work. The end of course assessment will align with the WV HEPC Series 21 Freshman Readiness Assessment and Placement Standards and the results will be considered during student placement into credit-bearing college English courses with ACT and SAT taking precedence. English 12 CR will count toward eligibility for PROMISE scholarships and is accepted by NCAA. Students opting to take a higher level English course are exempt from taking English 12 CR.

² Students in both professional and skilled pathways will take mathematics annually in grades 9-12. The recommended course sequence, which may include college courses, AP[®] courses, IB courses, or virtual school courses, for students in the professional pathway is Algebra I or Math I, Geometry, Algebra II, Trigonometry, and Pre-Calculus. The recommended course sequence in the skilled pathway is Algebra I or Math I, Geometry, Conceptual Mathematics, and Transition Mathematics for Seniors or Algebra II. Students enrolled in Math I will continue through high school with the Next Generation Content Standards and Objectives sequence options and will not have the option of returning to the 21st Century Content Standards and Objectives course sequence beginning with Algebra. Transition Mathematics for Seniors must be offered annually and will be counted as a mathematics credit. Students in the

professional pathway and college bound students in the skilled pathway, who do not achieve the state assessment college and career Readiness Benchmark (CCRB) for mathematics, may be required to take the Transition Mathematics for Seniors course their twelfth grade year. Consideration will be given to mathematics performance on previous assessments and completion of mathematics courses to allow students who do not meet the CCRB to have other mathematics course options. Students who take the Transition Mathematics for Seniors course will take an end-of-course assessment to provide timely feedback on their readiness for college and career. The end-of-course examination will align with the WVHEPC's Series 21 Freshmen Readiness Assessment and Placement Standards and the results will be considered for placement into a credit-bearing college mathematics course.

Because of the extreme importance of mastery of the Algebra I or Math I content standards and objectives (CSOs), students who need additional time to master Algebra I CSOs or the Math I CSOs may be identified at the local level using a data-based decision making process. Students who need additional time for Algebra I CSO and Math I CSO mastery should complete the recommended math course sequence at a pace that is consistent with their ability levels. Research indicates the best option for scheduling additional time is to do so within the same year. Counties continuing with the scheduling sequence that begins with Algebra I may continue to place students who need extra time into two separate math courses to master Algebra course content and grant students up to two math credits toward graduation upon successful course completion. Because the combination of a Math I course and a Math I Lab are designed to ensure mastery of the content represented by one high school mathematics course, Math I, counties may grant one mathematics credit toward graduation and one elective credit for the lab experience. It is further required that students be enrolled in at least one math course each year in high school.

3. Physical Science and Biology or Conceptual Biology shall be taken in consecutive order. However, conceptual credits may not be accepted by four-year higher education institutions for admission. Any lab-based science course above Biology and listed in Policy 2520.35 including science courses will meet the requirements for the third and fourth science credits.

4. Students shall take the high school social studies courses in the listed sequence to ensure maximum understanding of the material to be covered and alignment of the content and State Assessment. World Studies, United States Studies, Contemporary Studies and Civics for the Next Generation shall be taken in consecutive order. When substituting AP® courses students should take AP® World History and AP® US History courses in place of two of their required courses. Students may substitute AP® European History or AP® Human Geography as a third required course in grades 9-11. The senior course, Civics for the Next Generation, has been written to deliver rich academic content within relevant context for students entering the world of work, college and citizenship; therefore, the only acceptable substitute for this course is AP® Government and Politics.

5. The four credits taken by career/technical concentrators must be consistent with those identified for WVDE approved career/technical programs of study. Each career/technical concentration in a school shall obtain and maintain an appropriate industry-recognized accreditation/certification, when one is available, and shall provide students the opportunity to obtain an industry recognized credential as part of the instructional program. For the Skilled Pathway other than career/technical education areas, schools must identify and have local board approval for each of their locally designed concentrations. The concentrations must have four sequenced courses aligned with a postsecondary career option.

Students in Skilled Pathway concentrations that complete state approved career/technical courses that reflect creative and innovative arts content may substitute these courses for The Arts credit required for graduation. Students who elect to substitute one of the listed CTE courses for the required art credit must enroll in an additional CTE course applicable to their selected CTE concentration.

The following courses are approved for substitution:

- 1851 - Fundamentals of Illustration
- 1857 - Fundamentals of Graphic Design
- 1861 - Advanced Illustration
- 1859 - Advanced Graphic Design
- 1982 - Ornamental Metalwork
- 1431 - Digital Imagining I
- 1727 - Drafting Techniques
- 0213 - Floriculture

Chart VI Adolescent (9-12) Electives (Effective 2011-2012)		
	Electives Required To Be Offered	Optional Electives
Note: Any college or dual credit course offered in lieu of a graduation requirement must first receive a WVBE approved waiver before counting towards graduation.	These courses must be offered at least in alternating years. (Effective 2004-2005)	These courses (or others) may be offered depending on need or student demand.
COLLEGE BOARD AP® COURSES IB PROGRAM¹	A minimum of four College Board AP® Courses (at least one from each core content areas of English Language Arts, mathematics, science, and social studies) or the IB Program must be offered annually.	
ENGLISH LANGUAGE ARTS	Journalism/Newspaper/Yearbook Speech	Desk Top Publishing English college courses AP® English courses Creative Writing Library/Media Technical Writing Broadcast Journalism

MATHEMATICS	Algebra I or Math I Algebra II Algebra III Geometry or Applied Geometry Pre-Calculus Trigonometry Conceptual Mathematics Transition Mathematics for Seniors ²	Calculus Probability and Statistics Mathematics college courses AP [®] Mathematics courses Algebra Support Math I Lab
SCIENCE	Physics Earth Science Human Anatomy and Physiology Chemistry	Conceptual Physics Science college courses Biology II Chemistry II Physics II AP [®] Science courses Environmental Science Conceptual Chemistry
SOCIAL STUDIES	Economics Geography	Social Studies college courses AP [®] Social Studies courses
FOREIGN LANGUAGE	Three levels of one foreign language	Other foreign languages based on student need and interest AP [®] Foreign Language Foreign Language college courses
HEALTH	Any courses required to satisfy a concentration	Other health courses based on student need and interest Health college courses
PHYSICAL EDUCATION³	Any courses required to satisfy a concentration and one lifetime physical education course ³	Other physical education courses based on student need and interest Physical education college courses
THE ARTS	Four sequential levels of student achievement in music (both choral and instrumental), visual art (general art and/or studio art), dance, theatre	Other courses in the arts based on student need and interest AP [®] Arts Courses Arts college courses
CONCENTRATIONS	Four specified courses within each skilled pathway	Other courses based on student need and interest
DRIVER EDUCATION	One course	Other driver education courses based on student need and interest

TECHNOLOGY		Information Technology Information Management Web Development Other courses based on student need and interest
CAREER/TECHNICAL EDUCATION Note: Schools must provide students access to concentrations in a minimum of four of the following career clusters: <ul style="list-style-type: none"> ◦ Arts and Humanities ◦ Business/Marketing ◦ Engineering/Technical ◦ Health Sciences ◦ Human Services ◦ Science/Natural Resources 	80% of students in grades 9-10 must have access to at least one career-technical foundation course. One foundation course must be offered that teaches parenting skills	Other career/technical education courses based on student need and interest
	30% of students in grades 11-12 must have access to four units in a career/technical concentration and two career/technical electives	
	An additional 30% of students in grades 11-12 must have access to two units in a career/ technical concentration	

1. Any approved AP® or IB course may substitute for a content related graduation requirement. Of the four required AP® courses to be offered annually, one must be in each of the four core areas of mathematics, English Language Arts, science, and social studies. Students taking AP® courses are strongly encouraged to take the corresponding AP® examinations. All AP® courses must have a syllabus approved by the College Board.

2. Transition Mathematics for Seniors must be offered annually based on results of the State’s college readiness benchmark assessment. English 12 CR must be offered annually for seniors based on the provided placement guidance document.

3. Schools which do not currently have the number of certified physical education teachers or required physical setting may develop alternate programs that will enable current staff and physical settings to be used to meet the physical education requirements. The alternate programs shall be submitted to the WVDE and the Healthy Lifestyle Council for approval.

2. Review Schedule. This policy shall be reviewed in accordance with the Policy Review Schedule published by the Superintendent.

Legal Authority: West Virginia Board of Education Policy 2510

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