

HIGH SCHOOL
PROGRAM OF STUDIES
2010 - 2011

GRAFTON



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GRAFTON

Dear Students and Parents:

This handbook has been prepared to help Grafton high school students and their parents explore the course options that are offered by our school.

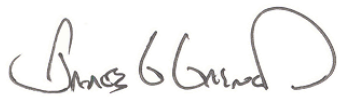
Please go over this guide carefully and discuss it with your current teachers, case managers, and Principal. Your future in school and your future after graduation depend on the choices you make now.

It is very important that you use the forms in this guide to develop a four year course of study. Make sure that you choose courses that will fulfill the requirements of your state. Many of the students in our program will have an Individual Education Plan (IEP) and the courses taken for high school credit will be included in your plan. Remember that every course for high school credit will become part of your transcript and your grades will go with you to any high school you attend after you leave Grafton.

We have been very pleased that some students graduating from Grafton have chosen to go on to community colleges. Whether you hope to go on to college or to begin working in the community, you will need to choose carefully so that you will be well prepared for your future.

We hope for the very best for all of our students. We want to help you succeed now and in the future. Choose courses that will help you reach your goals!

Best wishes,



James G. Gaynor, II
President/CEO

Table of Contents

Grafton High School Guidelines and General Information.....	2
Accreditation.....	2
Diploma Program and Policy.....	2
Unit of Credit.....	2
Grading Scale.....	3
Report Cards.....	3
Honor Roll.....	3
Transition into Regular Education.....	3
Attendance Policy.....	3-4
Length of School Day.....	4
Late Enrollment.....	4
Description of Functional Courses.....	5
Functional - Career & Technical Education Graduation Requirements.....	6
Program Description.....	7
Integrated Mathematics.....	7
Integrated English.....	7
Integrated Career and Technology Training.....	7
Integrated Science and Social Studies.....	8
Health and Physical Education.....	8
General and Choral Music.....	8
Course List.....	9-10
Sample Four Year Plan.....	11
Sample Transcript.....	12
Special Diploma.....	13
State Assessments Required.....	13
Certificate of Program Completion.....	13
Virginia Graduation Requirements.....	14
Graduation Requirements.....	15
Modified Standard Diploma.....	15
State Assessment.....	15-16
Standard Technical Diploma.....	16

Standard Diploma (for 9 th graders in 2010- 2011).....	17
Standard Diploma (for 9 th graders beginning in 2010- 2011).....	18
State Assessment (Standard of Learning).....	19-20
4 Year Plans.....	20-21
Maryland Graduation Requirements.....	22-23
Standard Diploma Graduation Requirements.....	23
Maryland Student Service Learning Verification.....	23
State Assessment.....	24
4 Year Plan.....	25
Maryland Certificate	26
West Virginia Graduation Requirements.....	27
Standard Diploma.....	28
4 Year Plan/ State Assessment.....	29
Modified Diploma/ Alternate Assessment	30
District of Columbia Graduation Requirements	31-32
Standard Diploma/ Community Service.....	32
4 Year Plan.....	33
District of Columbia Certificates.....	33
Description of Courses – Standard & Modified.....	34
Business Technology Education	35
English.....	36-39
Fine Arts	40
Health and Physical Education.....	41
Home Economics	42
Mathematics	42-44
Science.....	45-46
History and Social Science (VA Students).....	47-48
Social Studies (MD Students).....	49-50
Social Studies (WV Students)	51
Career and Technical Education	52-53
Forms.....	54-59

Grafton High School Program of Studies Guidelines and General Information

The Program of Studies is a guide for students and parents to describe course offerings and services at Grafton High School. We strongly encourage you to study this text prior to pre-registration. We also suggest that parents and students meet with each other and their home school guidance counselor before planning an individual program of study.

You will notice that many of the courses have prerequisites; therefore, you need to do some long-range planning rather than taking a year-by-year approach. Eighth graders should plan a four-year course of study. In choosing courses, please think about your interests, strengths and goals. With proper planning, all required courses are completed.

Proper planning also includes consideration of alternative course selections. Courses with low enrollment will either be combined or cancelled. Schedule conflicts may prompt alternatives.

Accreditation

Grafton High School is accredited by the Virginia State Department of Education through the Virginia Council for Private Education (VCPE) and the Virginia Association of Independent Special Education Facilities (VAISEF).

Diploma Programs and Policy

Although Virginia, West Virginia, Maryland and District of Columbia high school diploma requirements are described in the Program of Studies, students from any state may enroll in Grafton's High School program and earn credit. Specific state requirements will be reviewed and, when possible, special class modifications will be made.

The student's local school system usually awards the student with a high school diploma from their home school upon completion of the required credits. Grafton will, however, award a 20 or 22 credit high school diploma in agreement with the Virginia Graduation Requirements if no home school district can be identified.

Unit of Credit

The standard unit of credit for graduation for all students shall be based on a minimum of 140 hours of instruction for students from Virginia and 120 clock hours for students from Maryland. Grafton has a 223 day school year which provides ample opportunity for students to earn credit. Units of credit are earned in one-half units (a minimum of 70/60 clock hours). Students receive one-half unit of credit for each semester course successfully completed. Students receive one unit of credit for each full year course successfully completed. A student earning an "F" in the first semester and a "C" in the second semester will have those two grades averaged for that particular course.

Grading Scale

All courses will be graded using the Grafton grading scale:

A	90 - 100	D	60 - 69
B	80 - 89	F	- 59
C	70 - 79	I	- Incomplete

Grafton has three classifications of courses. They are as follows:

Integrated: (VAAP)	Course content has been adapted to the performance of the student based on the Integrated Standards of Learning
Modified: (Standard Diploma)	Course content satisfies the standards for A modified standard diploma in Virginia
General: (Standard Diploma)	Course content and student performance corresponds with the student's grade level

Report Cards and Transcripts

Report cards are issued to students, parents/guardians and funding agencies six times per year. Final letter grades are recorded on the student's permanent record (transcript), which is sent out at the time of discharge with the student's discharge summary.

Honor Roll

The Honor Roll shall consist of those students with an A or B average. (An Honor Roll student may not have an "A" balance out a "C" due to the wide grading scale). Students attending local high schools will have these grades included in their average. Grafton's Honor Roll is celebrated at the conclusion of every reporting period.

Transition into Regular Education

Students who qualify are eligible to enroll in course work and earn credit from a local public high school. When this option becomes a possibility, students may preview and select courses from the public school Program of Studies.

Attendance Policy

Good attendance is key to maximum benefit from an educational program. All students are expected to attend school regularly and to be on time. Students and staff should accept the responsibility for regular attendance. Regular attendance aids in the development of good habits of punctuality, self-discipline, and responsibility. Students must have good attendance if they are to benefit from such activities as:

1. Classroom lectures
2. Special instructions and individual help in skill development
3. Classroom group discussions
4. Performance tests
5. School-related, co-curricular activities

Unlike traditional schools, Grafton's High School year continues throughout the summer, providing a possible total of 220 plus academic days. Due to the unique situation of a residential school serving special students, a number of days are understandably lost as a result of behavior, family visits, etc. However, it is important that students remain on task as much as possible. In many cases when a high school student leaves Grafton, the discharge will either be at the end of a regular school year (June) or at the mid-semester break (January). Students enrolling into a public school setting will also end or enter at those times.

Students enrolled in grades 9 - 12 who are absent more than five times during the grading period shall be requested to attend an attendance review. Possible outcomes of this attendance review might include a failing grade of not lower than 59%, an Incomplete, or the actual grade earned- all decided by the Attendance Committee.

Students shall not receive credit for any high school courses for which they are absent more than 24 class periods for an annual course or more than 12 class periods for a semester course, unless circumstances have been documented. An Attendance Committee shall determine the appropriate course of action on an individualized basis.

Length of School Day

The school day at all Grafton programs will be 5.5 hours at minimum with additional time based on the number of credits being earned and required clock hours by state. Individual programs at different locations may vary in start and close times, though the normal high school academic day is from approximately 8:00 a.m. - 3:30 p.m. five days per week with the exception of planned breaks and holidays.

Students may enroll in a maximum of six, one-credit classes. The typical high school student earns (5) five, credits per year.

Late Enrollment

Many high school students enroll at different times during the school year. The student may earn full credits in some courses because the individualized nature of our program allows the student to reduce the total number of courses taken and double up on course clock hours. Grafton School also provides 220 plus academic days.

Those students who transfer in from another school placement shall be awarded days and grades according to the records from the prior school placement.



Berryville Greenhouse

**Functional Course Work
and
Career and Technical
Education
Graduation Requirements**

Description of Functional Courses

Functional Curriculum Program

This program is designed for the student who needs a highly specialized learning environment for functional life-skills instruction and has an Individual Educational Plan (IEP). Courses in math, language arts, vocational resource, history/social science, science, and life skills management are taught. Courses are constructed to meet the individual student's IEP goals. Student will participate in learning similar to the general curriculum in a variety of settings and with appropriate supports.

The student may spend a portion of each school day in career and technology training as called for in the IEP: job coaching experiences, vocational training opportunities, and/or supported work placements. These work experiences may be in school or community-based.

In accordance with the 1997 amendment to the Individuals with Disabilities Education Act (IDEA), students who are unable to participate in the Standards of Learning Assessments, even with accommodations, will participate in an alternative assessment. The purpose of the Alternative Assessment is to evaluate the performance of students who have traditionally been exempt from state assessment programs. The Alternative Assessment was developed with the belief that these students are a part of our accountability system and that the evaluation of their achievement represents an important component of the high standard. In the 11th grade high school students will be given the Alternative Assessment.

Integrated Mathematics

Math is designed to meet the individual needs of each student by focusing on money management, telling time, and measurement. The student will learn functional math skills for purchasing, budgeting, and banking.

Integrated English

Language Arts is designed to meet the individual needs of each student by focusing on reading, decoding, and comprehension skills. It will also include functional sight word vocabulary, handwriting, composition of short notes and letters, job application forms, and oral communication skills.

Integrated Career and Technology Training

Training is designed to meet the individual needs of each student by focusing on work readiness skills, such as personal appearance, manners, following directions, social skills, telephone etiquette, using classified ads, simulated work activities, and leisure skills. Work experience is designed to meet the individual needs of each student by focusing on career goals for post-high school employment. Students might participate in one or more of the following work experience options as a part of their IEP: job coaching experiences, vocational training opportunities, and/or supported work placements. These work experiences may be in school or community-based.

Science & Social Studies

Life Management Skills is designed to meet the individual needs of each student by focusing on safety, cooking, health and nutrition, care of clothing, seasonal activities, as well as school and community-based learning experiences.

Health & Physical Education

Physical Education is designed to meet the individual needs of each student by focusing on personal health, physical strength, agility, individual and team sports and lifetime fitness. The course seeks to involve, adapt, modify, or change a physical activity so it is appropriate for the person with a disability. Physical Education also helps students with disabilities develop their fine and gross motor skills.

General Music

This course is designed to meet the individual needs of each student by focusing on the various ways that we use music in our lives. Different areas covered in this course include music as an expression of who we are, music to let us create, music to understand life's meaning, and music to describe the age. Theory, history, appreciation, and performance is integrated to help understand the relationship between music and other disciplines. Each student taking this class is encouraged to experience music individually and in a group setting. Skills such as following directions, teamwork, respect for others, use of technology, and care of musical instruments will be emphasized while understanding how music can be used and enjoyed in everyday life. Students will also develop skills for relaxation, leisure, anger management, exercise and spontaneous expression.

Choral Music

Choral music is designed to meet the individual needs of each student by focusing on singing techniques such as breathing, singing with a clear tone and accurate intonation, singing independently and maintaining vocal health. The learning of these skills will be facilitated by participating in choir rehearsals, performances, and by attending other choral performances. Other goals in this extracurricular opportunity include good teamwork, respect for others, increased confidence and self-esteem, and individual responsibility in attending rehearsals regularly and abiding by choir rules. The only prerequisite for this activity is a genuine interest in being part of a chorus and the music making experience therein.

Functional Coursework

Course List for a Special Diploma, Certificate of Program Completion, Certificate of Attainment and Certificate of Individualized Education

Discipline	Course	Grade	Standard Credit	Requirement for Verified Credit SOL Testing
English	Integrated English 1	9 th	1	none
	Integrated English 2	10 th	1	none
	Integrated English 3	11 th	1	none
	Integrated English 4	12 th	1	none
	Integrated English 5	12 th + 1	1	none
	Integrated English 6	12 th + 2	1	none
	Integrated English 7	12 th + 3	1	none
	Integrated English 8	12 th + 4	1	none
Mathematics	Integrated Mathematics 1	9 th	1	none
	Integrated Mathematics 2	10 th	1	none
	Integrated Mathematics 3	11 th	1	none
	Integrated Mathematics 4	12 th	1	none
	Integrated Mathematics 5	12 th + 1	1	none
	Integrated Mathematics 6	12 th + 2	1	none
	Integrated Mathematics 7	12 th + 3	1	none
	Integrated Mathematics 8	12 th + 4	1	none
Science Social Studies Career and Technology	Integrated Career and Technology Training 1	9 th	3	none
	Integrated Career and Technology Training 2	10 th	3	none
	Integrated Career and Technology Training 3	11 th	3	none
	Integrated Career and Technology Training 4	12 th	3	none
	Integrated Career and Technology Training 5	12 th + 1	3	none
	Integrated Career and Technology Training 6	12 th + 2	3	none

Discipline	Course	Grade	Standard Credit	Requirement for Verified Credit SOL Testing
Health & Physical Education	Health & Physical Education 1	9 th	1/2	none
	Health & Physical Education 2	10 th	1/2	none
	Health & Physical Education 3	11 th	1/2	none
	Health & Physical Education 4	12 th	1/2	none
Family Life	Family Living 1		1/2	none
	Family Living 2		1/2	none
Music	General Music		1/2	none
	Choral Music		1/2	none

Course work is based on the students IEP the Integrated S.O.L.'s and requires 140 clock hours for a full credit.

High School age students who continue at Grafton beyond four years will take Level 5 and Level 6 in each of the above areas.

Sample - Four Year High School Plan - Virginia Special Diploma and Certificate of Program Completion

Grade 9	Grade 10	Grade 11	Grade 12
Integrated English 1 (1 credit)	Integrated English 2 (1 credit)	Integrated English 3 (1 credit)	Integrated English 4 (1 credit)
Integrated Mathematics 1 (1 credit)	Integrated Mathematics 2 (1 credit)	Integrated Mathematics 3 (1 credit)	Integrated Mathematics 4 (1 credit)
*Integrated Career and Technology Training 1 (3 credit)	*Integrated Career and Technology Training 2 (3 credit)	*Integrated Career and Technology Training 3 (3 credit)	*Integrated Career and Technology Training 4 (3 credit)
Health & PE (1/2 credit)	Health & PE (1/2 credit)	Health & PE (1/2 credit)	Health & PE (1/2 credit)
Total Credits – 5.5	Total Credits – 5.5	Total Credits – 5.5	Total Credits – 5.5

*This course includes exploration of the aligned SOL's Standards of Learning in Science and Social Studies.

**Course work is based on the student's IEP, the aligned SOL's and requires 140 clock hours for a full credit.

***High school age students who continue at Grafton beyond four years will take Level 5, 6, 7 and 8 in each of the above areas of study.

See Sample Transcript on next page

Diploma Option: Other Graduation Date: June 2010 Student #: 1234
 Legal Name: Samantha Test D.O.B: 5/2/1995 Sex: Female
 Home Address: 16 Taft Avenue State: VA Zip: 22611 Home Telephone: 555-511-1111

School Year: 2009 to 2010 Subject Area	Level	Final Grade	Verified Credit	Credit	# of Days Absent
Integrated English	1	Pass	___	1	0
Integrated Mathematics	1	Pass	___	1	0
Integrated Career and Tech. Training	1	Pass	___	3	0
Health & Physical Education	1	Pass	___	.5	0

School Year: 2010 to 2011 Subject Area	Level	Final Grade	Verified Credit	Credit	# of Days Absent
Integrated English	2	Pass	___	1	0
Integrated Mathematics	2	Pass	___	1	0
Integrated Career an				3	0
Health & Physic				.5	0

SAMPLE

School Year: 2011 to Subject Area	Level	Final Grade	Verified Credit	Credit	# of Days Absent
Integrated English	3	Pass	___	1	0
Integrated Mathematics	3	Pass	___	1	0
Integrated Career and Tech. Training 3	3	Pass	___	3	0
Family Living 1	1	Pass	___	.5	0
General Music	1	Pass	___	.5	0

School Year: 2012 to 2013 Subject Area	Level	Final Grade	Verified Credit	Credit	# of Days Absent
Integrated English	4	Pass	___	1	0
Integrated Mathematics	4	Pass	___	1	0
Integrated Career and Tech. Training 4	4	Pass	___	3	0
Family Living 2	2	Pass	___	.5	1
Coral Music	1	Fail	___		1

EXPLANATION OF LEVELS

INTEGRATED: Course content has been adapted to the performance of the student.

MODIFIED: Course content satisfies the standards for a modified diploma in Virginia
 _____ Winchester

Program (Check) Berryville Richmond

GENERAL: Course content and student performance are commensurate with the student's grade level

_____ Date _____ Educational Administrator

GRADING SCALE: A = 90 -100 B = 80 - 89 C = 70 - 79 D = 60 - 69 F = 59 and below

P = Pass F = Fail

Special Diploma

Students receiving Special Education services in Virginia who do not pass the Standards of Learning and/or verified credits, but who do complete the requirements of their Individualized Education Plan, shall be awarded a "Special Diploma."

State Assessment Required

All Students must participate in state assessments. Students completing a Special Diploma option typically participate in the Virginia Alternate Assessment Program (VAAP) through the course of their 11th grade year. The Virginia Alternate Assessment Program (VAAP) is designed to evaluate the performance of students who are unable to be successful in the general education curriculum. The VAAP is available to students in grade 11 who are working on academic standards that are not as complex. This content is derived from the Standards of Learning (SOL) and is referred to as the Aligned Standards of Learning (ASOLs). Individual student achievement of academic skills is the single focus of the VAAP.

Certificate of Program Completion

The certificate of program completion is awarded to those general education students who meet all state requirements for graduation except passing the Standards of Learning test. It is available to students who complete programs of studies defined by a local school board but who do not qualify for diplomas.



Virginia Graduation Requirements

Virginia Graduation Requirements

The requirements for a student to earn a diploma from a Virginia high school shall be those in effect when that student enters the ninth grade for the first time. Students may be awarded a diploma or certificate upon graduation from a Virginia high school.

Modified Standard Diploma

For Grades 9 – 10 – 11- 12

The Modified Standard Diploma program is intended for students at the secondary level who have special needs and are unlikely to meet the credit requirements for a Standard Diploma. Eligibility and participation in the Modified Standard Diploma program shall be determined by the student's Individual Education Program (IEP) team at any point after the student's eighth grade year.

The school must obtain the informed written consent of the parent/guardian and the student to choose this diploma program after review of the student's academic history and the full discussion of the student's options.

The student who has chosen to pursue a Modified Standard Diploma shall also be allowed to pursue the Standard or Advanced Studies Diploma at any time throughout that student's high school career. The student must not be excluded from courses and tests required to earn a Standard or Advanced Studies Diploma.

Modified Standard Diploma - 20 Credits

<u>Subject</u>	<u>Required Units Grades 9 - 12</u>
English 4	4
Mathematics (shall include content from Algebra, Geometry, Personal Finance, and Statistics)	3
Science (must include at least two of the following: Earth Science, Biology, Environmental Science, Chemistry, or Physics).....	2
History and Social Science (U.S. and Virginia History, U.S. and Virginia Government).....	2
Health & Physical Education	2
Fine Arts or Practical Arts.....	1
Electives (two of these must be matching electives).....	6
Total Credits	20

Note: Two year sequence courses earn a full credit for each year.

State Assessment Required

Students pursuing the Modified Standard Diploma must pass the eighth grade S.O.L. in English (Reading

Literature and Research only) and Mathematics. A score of 344 in Mathematics and a score of 371 in English is required for passing. **All students in any course with an S.O.L. end-of-course exam must take that exam.** Test accommodations for students with special needs are available and should be determined by the student's IEP Team.

Standard Technical Diploma

For Grades 9 – 10 – 11 – 12

For students entering the 9th grade beginning 2010-2011 school year and beyond

Standard Technical Diploma - 22 Credits

<u>Subject</u>	<u>Required Units Grades 9 - 12</u>	
	units of credit	verified credit requirements
English	4	2
Mathematics (Algebra I, Geometry, Algebra II at least two of these courses)	3	1
Laboratory Science ¹ (Earth Science, Biology, Environmental Science Physics or Chemistry)	3	1
History and Social Sciences ¹ (U. S. & Virginia History, U. S. & Virginia Government, World History and World Geography I)	3	1
Health & Physical Education	2	
Fine Arts or Foreign Language	1	
Economics and Personal Finance	1	
Career and Technical Education ²	4	
Electives	1	
Student Selected Test ³		1
Total Credits	22	6

¹Students who complete a career and technical education program sequence and pass an examination or occupational competency assessment in a career and technical education field that confers certification or an occupational competency credential from a recognized industry or trade or professional association or acquires a professional license in a career and technical education field from the Commonwealth of Virginia may substitute the certification competency credential or license for (i) the student selected verified credit and (ii) either a science or history and social science verified credit when the certification license or credential confers more than one verified credit. The examination or occupational competency assessment must be approved by the board as an additional test to verify student achievement.

²Courses completed to satisfy this requirement must include a career concentration as approved by the Local Education Agency's school board. If a career concentration includes a specific assessment approved by the board and the student is eligible to take the assessment, then the student must take this assessment.

³A student may utilize additional tests for earning verified credit in computer science, technology, career and technical education, economics or other areas as prescribed by the Local Education Agency's school board.

Standard Diploma

For Students whose 9th grade year occurred prior to 2010-2011

To graduate with a Standard Diploma, students must earn at least 22 standard units of credit by passing required courses and electives, and earn at least six verified credits by passing end-of-course SOL tests or other assessments approved by the Board of Education. The table below displays the minimum requirements for a Standard Diploma.

Standard Diploma - 22 Credits

<u>Subject</u>	<u>Required Units Grades 9 -</u>
<u>12</u>	
verified credit	
.....	units of credit
requirements	
English	4..... 2
Mathematics (Algebra I, Geometry, Algebra II at least two of these courses)	3..... 1
Laboratory Science (Earth Science, Biology, Environmental Science Physics or Chemistry)	3..... 1
History and Social Sciences (U. S. & Virginia History, U. S. & Virginia Government, World History and World Geography I)	3..... 1
Health & Physical Education	2
Fine Arts or Practical Arts	1
Electives (two of these must be matching electives)	6
Student Selected Test	<u>1</u>
Total Credits	22..... 6

Standard Diploma

For students entering the 9th grade beginning 2010-2011 school year and beyond

To graduate with a Standard Diploma, students must earn at least 22 standard units of credit by passing required courses and electives, and earn at least six verified credits by passing end-of-course SOL tests or other assessments approved by the Board of Education.

Standard Diploma - 22 Credits

<u>Subject</u>	<u>Required Units Grades 9 - 12</u>	
	units of credit	verified credit requirements
English	4	2
Mathematics (Algebra I, Geometry, Algebra II at least two of these courses)	3	1
Laboratory Science ¹ (Earth Science, Biology, Environmental Science Physics or Chemistry)	3	1
History and Social Sciences ¹ (U. S. & Virginia History, U. S. & Virginia Government, World History and World Geography I)	3	1
Health & Physical Education	2	
Foreign Language, Fine Arts or Career and Technical Education ²	2	
Economics and Personal Finance.....	1	
Electives (two of these must be matching electives)	4	
Student Selected Test ³		<u>1</u>
Total Credits	22	6

¹Students who complete a career and technical education program sequence and pass an examination or occupational competency assessment in a career and technical education field that confers certification or an occupational competency credential from a recognized industry, or trade or professional association, or acquires a professional license in a career and technical education field from the Commonwealth of Virginia may substitute the certification, competency credential, or license for (i) the student-selected verified credit and (ii) either a science or history and social science verified credit when the certification, license, or credential confers more than one verified credit. The examination or occupational competency assessment must be approved by the Board of Education as an additional test to verify student achievement.

²Credits earned for this requirement shall include one credit in fine or performing arts or career and technical education.

³A student may utilize additional tests for earning verified credit in computer science, technology, career and technical education, economics or other areas as prescribed by the Local Education Agency's school board.

Virginia's Standard of Learning
State Assessment Requirements

English (two verified units of credit):

- a. The two verified units of credit may be earned by passing the high school Standards of Learning (SOL) tests in English/Reading and English/Writing. As with all high school SOL tests, these may be retaken if the student does not pass initially.

An acceptable score on approved substitute tests also may earn verified units of credit in English (i.e. ACT, WorkKeys: Writing, SAT II English, Advanced Placement (AP) English tests, or Test of English as a Foreign Language (TOEFL)).

Mathematics, Science, and History/Social Science (3 verified units of credit):

- b. **MATHEMATICS:** A verified unit of credit may be earned by passing ANY **one** of three high school SOL mathematics tests (Algebra I, Algebra II, or Geometry).

SCIENCE: A verified unit of credit may be earned by passing ANY **one** of the three high school SOL science tests (Earth Science, Biology, or Chemistry).

HISTORY/SOCIAL SCIENCE: A verified unit of credit may be earned by passing ANY **one** of the four high school history/social science SOL tests (U.S. History, World History I, World History II, or World Geography).

These verified units of credit also may be earned by an acceptable score on any of the approved substitute tests, including ACT, Advanced Placement (AP), College-Level Examination Program (CLEP), or SAT II.

Student's Choice (1 verified unit of credit)

- c. This verified unit of credit may be earned by passing any SOL test that is not already satisfying a required verified unit of credit or by passing tests in computer science, technology, or other areas as described by the Board.

Additionally, the Department of Education has approved a large number of state licensing exams in career/technical fields, as well as national industry certification exams, which counts toward verified units of credit.

The two verified units of credit may be earned by passing the high school Standards of Learning (SOL) tests in English/Reading and English/Writing. As with all high school SOL tests, these may be retaken if the student does not pass initially.

An acceptable score on approved substitute tests also may earn verified units of credit in English (i.e. ACT, WorkKeys: Writing, SAT II English, Advanced Placement (AP) English tests, or Test of English as a Foreign Language (TOEFL)).

Mathematics, Science, and History/Social Science (3 verified units of credit):

- d. **MATHEMATICS:** A verified unit of credit may be earned by passing ANY **one** of three high school SOL mathematics tests (Algebra I, Algebra II, or Geometry).

SCIENCE: A verified unit of credit may be earned by passing ANY **one** of the three high school SOL science tests (Earth Science, Biology, or Chemistry).

HISTORY/SOCIAL SCIENCE: A verified unit of credit may be earned by passing ANY **one** of the four high school history/social science SOL tests (U.S. History, World History I, World History II, or World Geography).

These verified units of credit also may be earned by an acceptable score on any of the approved substitute tests, including ACT, Advanced Placement (AP), College-Level Examination Program (CLEP), or SAT II.

Student's Choice (1 verified unit of credit)

- e. This verified unit of credit may be earned by passing any SOL test that is not already satisfying a required verified unit of credit or by passing tests in computer science, technology, or other areas as described by the Board.

Additionally, the Department of Education has approved a large number of state licensing exams in career/technical fields, as well as national industry certification exams, which counts toward verified units of credit.

Sample - Four Year High School Plans – Virginia

Modified Standard Diploma – Virginia

Grade 9	Grade 10	Grade 11	Grade 12
English 9	English 10	English 11*	English 12
Economics and Personal Finance	Intro to Elementary Algebra Part I & II	Algebra I Part I	
Earth Science Part 1	Biology Part 1		
		U. S. & Virginia History Part I	U.S. and VA Government
Introduction to Career and Technical Education	Career and Technical Education I	Career and Technical Education II (2) credits	Cooperative Education (2) credits
PE & Health 9	PE & Health 10		
			Music/Keyboarding
Total Credits -5	Total Credits -5	Total Credits -5	Total Credits -5

* SOL Test required.

**An elective if 8th grade SOL Mathematics test is not yet passed.

***An elective if 8th grade SOL English (Reading, Literature and Research) is not yet passed

Standard Technical Diploma – Virginia

Grade 9	Grade 10	Grade 11	Grade 12
English 9	English 10	English 11	English 12
Algebra I	Geometry	Algebra II	Economics and Personal Finance
World History & Geography I		U. S. & VA History	U. S. Government
Earth Science	Biology	Environmental Science	
Health & PE 9	Health & PE 10	Music	Introduction to Keyboarding
Introduction to Career and Technical Education	Career and Tech. Ed. I	Cooperative Ed. I	Cooperative Ed. II
Total Credits - 6	Total Credits - 5	Total Credits - 6	Total Credits - 5

Standard Diploma – Virginia

Grade 9	Grade 10	Grade 11	Grade 12
English 9	English 10	English 11	English 12
Algebra I	Geometry	Algebra II	Economics and Personal Finance
World History & Geography I	Biology	U. S. & VA History Environmental Science	U. S. Government
Earth Science	Health & PE 10	Cooperative Education (2 credits)	Cooperative Education (2 credits)
Health & PE 9	Keyboarding		Music
Total Credits - 5	Total Credits - 5	Total Credits - 6	Total Credits - 6

Please note: 22 units are required for graduation. In planning their programs, students may omit two of the elective units above; however, it should be pointed out that the school requires a full day's attendance for all students, except those who are working on a job as part of the program and for which credit is awarded.



Maryland Graduation Requirements

Maryland Graduation Requirements

For Grade 9 - 12

Maryland High School Diploma - 21 Credits

<u>Subject</u>	<u>Required Units Grades 9 - 12</u>
English (Language Arts)	4
Mathematics (Algebraic, concepts & Geometry concepts)	3
Science (Earth, Life or Physical).....	3
Social Studies (U. S. History; World History; National, State, & Local Gov't)	3
Health	½
Physical Education	½
Fine Arts	1
**Technology Education	1
Foreign Language <u>or</u> Advanced Technology (<u>or</u> complete a state-approved career program credits)	5 ½
Electives (*will vary, depending on completed option selected)	*
Total Credits	21
Service Learning	75 hours

**Application of knowledge, tools, and skills to solve practical problems and extend human capabilities

Competency Requirements

Service Learning

In order to meet Maryland's graduation requirements students must participate in seventy-five hours of student service that includes preparation, action, and reflection components. This activity is documented during the students four years in high school. (See verification work sheet on following page).

**Maryland's State
Assessment Requirements**

HIGH SCHOOL ASSESSMENTS			
Subject Area	Current Specific Credit Requirements	Phase I	Future Phases
English	4 Credits	English I	3 end-of-course exams: - English I - English II - English III
Mathematics	3 credits - 1 credit in fundamental or advanced algebraic concepts and topics - 1 credit in fundamental or advanced geometric concepts and topics	Algebra and Geometry	2 end-of-course exams covering: - Algebra/data analysis and probability - Geometry
Science	3 credits, including laboratory experience in any or all the following areas: - Earth Science - Life Science - Physical Science	Biology	An end-of-course exam in two of the following areas: - Earth/space science - Biology - Chemistry - Physics
Social Studies	3 credits - 1 credit in U. S. History - 1 credit in World History - 1 credit in Local, State, and National Government	Government	3 end-of-course exams in: - U.S. history - World history - Government

Students who entered grade 9 in the fall of 2005 and later (COMAR 13A.03.02.09) must obtain either a passing score on all four HSAs or obtain an overall combined score of 1602. The Maryland regulation requires students entering grade 9 in 2001-02, 2002-03, 2003-04, and 2004-05 school years to **take** the HSA as a graduation requirement. Students entering grade 9 in 2005 are required to **take and pass** the HSA.

The HSA passing scores are:

- Biology 400;
- Algebra/Data Analysis 412;
- English 396; and
- Government 394.

Sample – Four Year High School Plan- Maryland

Standard Diploma - Maryland

Grade 9	Grade 10	Grade 11	Grade 12
English 9	English 10	English 11	English 12
Math Applications	Algebra I	Geometry	
MD & U. S. Government	World History & Geography		U.S. History
Earth Science	Biology	Physical Science	
Health & PE 9	Music		Keyboarding
Introduction to Career and Technical Education	Career and Technical Education I	Cooperative Education (2 credits)	Cooperative Education (2 credits)
Total Credits - 6	Total Credits - 6	Total Credits - 5	Total Credits - 5

Please note: 21 units are required for graduation. In planning their programs, students may omit two of the elective units indicated above; however, it should be pointed out that the school requires a full day's attendance for all students, except those who are working on a job as part of the program and for which credit is awarded.

Maryland Certificates

Maryland High School Certificate

Special Education students who are not able to earn a diploma, based on the decision of the IEP Committee, may pursue a High School Certificate. The IEP Committee decides when a student has met the standards necessary to earn a Maryland High School Certificate and is ready to exit the school system.

State Assessment Required

The Alternative Maryland School Assessment (ALT-MSA)

The ALT-MSA is the alternate accountability assessment to the Maryland School Assessment (MSA). This is for the small group of students who can not participate in the MSA even with accommodations and is determined by the individual student's IEP team. Students with IEP's can participate in the ALT-MSA if they participate in the Fundamental Life Skills curriculum that includes instruction in functional academics, personal management, and community recreation/leisure, career/vocational, and communication/decision making/interpersonal skills. Students participate in the ALT-MSA in grade 10.



West Virginia Graduation Requirements

West Virginia Graduation Requirements

For Grade 9 – 10 – 11 - 12

Standard Diploma - 24 Credits

Graduating Class of 2008 and beyond

<u>Subject</u>	<u>Required Units Grades 9, 10, 11 - 12</u>
English – Language Arts	4
Social Studies	4
Mathematics	4
Science	3
Physical Education	1
Health.....	1
The Arts.....	1
Career Concentration Courses / Skilled Pathway	3
Total Credits.....	21

West Virginia Diplomas

Standard Diploma

This requires formal documentation and recognition that students have satisfactorily completed the requirements of the state and county school district.

An individualized education program shall specify how graduation credits are to be earned by students with disabilities.

A special education Individualized Education Program committee determines that the approved learning objectives are reasonable for a particular student. Changes may be made to the delivery of learning objectives are considered necessary by the IEP Committee and are specified in the IEP. A student who masters the individualized education program learning objectives shall be awarded a standard diploma.

Sample – Four Year High School Plan- West Virginia

Standard Diploma – West Virginia

Grade 9	Grade 10	Grade 11	Grade 12
English 9	English 10	English 11	English 12
Math Applications	Economics and Personal Finance	Algebra I	Geometry
World History & Geography I	World History & Geography II	U.S. and West Virginia History	U.S. and West Virginia Government
Earth Science	Biology	Physical Science	
Health & PE 9		Music	
	Introduction to Career and Technical Education	Career and Technical Education I	Cooperative Education (2 credits)
Total Credits - 5	Total Credits – 5	Total Credits - 6	Total Credits - 5

Please note: 21 units are required for graduation. In planning their programs, students may omit two of the elective units indicated above; however, it should be pointed out that the school requires a full day's attendance for all students, except those who are working on a job as part of the program and for which credit is awarded.

State Assessment Required

West Virginia Education Standards Test (WEST)

High School students must take and pass the West Virginia Education Standards (WEST) in Reading, Language Arts, Mathematics and Science in order to obtain a standard diploma.

Mastery Scores are

- Science 681;
- Math 705;
- Reading 675;

Modified Diploma

This is awarded to a student (who has severe disabilities) satisfactorily completes modified graduation requirements. Students with severe disabilities are defined as those students with impairments so severe that instructional objectives are not appropriate, even when delivered through different strategies (i.e. changes in delivery, teaching strategies, and evaluation techniques). The Individualized Education Program (IEP) Committee determines if the student is unable to meet the graduation requirements for a standard diploma.

The Alternate Assessment for West Virginia

The alternate assessment is an alternate to the West Virginia Education Standards Test (WEST). This is for students who cannot participate in the WEST even with accommodations and is determined by the individual student's IEP team. Student with IEP's can participate in the alternate assessment if they participate in the Fundamental Life Skills curriculum that includes instruction in functional academics, personal management, community, recreation/leisure, career/vocational and communication/decision making/interpersonal skills. Students participate in the alternate assessment in grade 10.



**District of Columbia
Graduation
Requirements**

District of Columbia Graduation Requirements

For Grade 9 – 10 – 11 – 12

Standard Diploma –24 Credits

For students entering the 9th grade beginning 2007-2008 school year and beyond

<u>Subject</u>	<u>Required Units Grades 9, 10, 11 - 12</u>
English	4
World Language	2
Mathematics must include Algebra 1; Geometry and Algebra II at a minimum	4
Science to include three lab sciences	4
Social Studies to include World History 1 and 2: US History; US Government and DC History.....	4
Health and Physical Education	1.5
Art	0.5
Music	0.5
Electives	3.5

Total Carnegie Units..... 24

***At least 2.0 credits of the 24.0 required credits must be earned through courses that appear on the approved “College Level or Career Prep” list.**

Community Service 100 hours

Community Service

Students in the District of Columbia Public Schools must complete 100 hours of community service as a graduation requirement. The goals of the community service program are to increase students’ self-worth, provide experiences for students to contribute to society, and prepare students for the world of work. Service-Learning places emphasis on quality services, links academics to real life applications, and connects the classroom learning experience to career options through service.

Documented and verifiable hours should be placed in the student’s cumulative record along with grade reports each year. Fifty hours should be completed during the 11th and 12th grades; however, community service can begin in 9th grade.

Additional Tasks

Individual Graduation Portfolio

Culminating Composition or Project

Students must complete at least one credit bearing course during the third or subsequent high school years that requires a composition or project that is formally presented.

All eleventh 11th graders must write a logical thesis that conveys a clear and distinctive position. All 12th graders must write and present a convincing thesis.

4 Year Plan Standard Diploma – District of Columbia*

Grade 9	Grade 10	Grade 11	Grade 12
English 9	English 10	English 11	English 12
Economics and Personal Finance	Algebra I	Algebra II	Geometry
Earth Science	Biology	Physical Science	
History & Govt. of DC (1/2) U.S. Govt. (1/2)	World History and Geography I	U. S. History	World History and Geography II
PE & Health 9	PE & Health 10 (1/2 year) Music Appreciation (1/2 year)		
	Introduction to Career and Technical Education	Career and Technical Education I	Cooperative Education (2 credits)
Keyboarding		World Language I	World Language II
Total Credits -6	Total Credits – 6	Total Credits - 6	Total Credits - 6

District of Columbia Diplomas and Certificates

A special education student, who does not achieve a diploma, shall be eligible to receive one of the following upon completion of, termination, or exit from his or her individualized special education program:

Certificate of Attainment

Each student enrolled in a program of special education who has worked toward completion of the graduation requirements but has not, by age 22, completed all of the course requirements shall receive a Certificate of Attainment indicating courses/subject matter, completed;

Certificate of Individual Education

Each student enrolled in a program of special education whose handicapping condition alone prevents the completion of any of the course requirements and makes it unreasonable to pursue a diploma, shall be eligible to receive a Certificate of Individualized Education Program;

The decision to pursue a program leading to a Certificate of Individualized Education Program shall be made jointly by the school, parent(s) and, where appropriate, the student. The decision can be made up to the student's 15th birthday and shall be attached in writing to the student's Individualized Education Program (IEP). The decision shall be reviewed and, where appropriate, changed at the annual IEP meeting.

**Description of Courses
for a
Standard and
Modified/Standard
Diploma**

Description of Courses

Business Technology Education

BTECH I- Keyboarding

1 Credit

Grades: 9, 10, 11, &12

Prerequisite: None

In this course, students will become familiar with the keyboard, use appropriate finger control on the keyboard, and learn alphanumeric keyboarding techniques. It is designed to teach keyboarding by touch (without looking at the keys or your fingers) to speeds of 30-35+ wpm and no more than 2 errors per minute. The alphabetic and punctuation keys, keyboard numbers and symbols are covered. Every lesson contains timed exercises and students are encouraged to meet the speed and accuracy goals in each exercise before continuing on to the next one. Goal-directed practice on each exercise helps students progress much further and faster. Individualized education and pacing will be emphasized.

BTECH II- Word Processing Applications

1 Credit

Grades: 9, 10, 11, &12

Prerequisite: BTECH I or approval of Instructor

In this course, students will receive hands-on instruction using Microsoft Office suite software. This course will prepare students for the “Core” level of Microsoft Office Specialist certification. The areas covered include Word, Excel, PowerPoint, and Access. Instruction is provided in a visual step-by-step guide for each application. Students will learn skills to prepare documents that include formatting, editing, spreadsheets, graphing, multi-media presentations and database use as required by the work force. Individualized education and pacing will be emphasized.

BTECH III- Advanced Office Technology

1 Credit

Grades: 10, 11, & 12

Prerequisites: BTECH II or approval of Instructor

In this course, students will receive hands-on instruction using simulated software situations to prepare students for the “Expert” level of Microsoft Office Specialist certification. The students will develop office technology skills through desktop publishing, telecommunications, spreadsheets, data entry applications, presentations, and advanced word processing. Instruction is provided in a visual step-by-step guide for each application. Students will begin to use the skills for real life simulations. Individualized instruction will be emphasized.

English

Students must earn four credits in English for the Standard diploma. Each year of English builds on the student's previous instruction in reading, writing, speaking, and listening. English classes are both sequential and developmental.

Near the end of English 11, Virginia students must take the two Standards of Learning tests: (1) Reading, Literature, and Research and (2) Writing. Students in all English classes receive instruction to prepare them for the tests.

The chart below may help individuals decide the most appropriate classes.

Level	Designed for the Student Who...
General	<ul style="list-style-type: none"> • Writes competently • Composes with infrequent errors in usage and mechanics which interfere with clear communication • Reads with understanding • Discusses literature with understanding • Profits from instruction to improve clarity in oral and written communication • Corrects errors in mechanics and usage after instruction
Modified	<ul style="list-style-type: none"> • Needs individual attention and encouragement in speaking, reading, and writing • May have special learning needs • Benefits from intense instruction in reading and writing • May need assistance in passing SOL and/or Literacy Passport Tests
	Content
General	<ul style="list-style-type: none"> • American, English, and World literature • Life skills in reading and writing • Practical reading and writing applications • Concentrated instruction in usage and mechanics • Learning through reading for pleasure • Individual and collaborative learning
Modified	<ul style="list-style-type: none"> • Specific and extended practice and instruction in reading and writing skills • Reading for pleasure and the workplace • American, English, and World literature • Writing for life and the workplace • Practice in the writing process • Individual and collaborative learning

English (continued)

*English 9 - General

1 Credit

Grade 9

Prerequisite: None

This course is designed for students reading at or near grade level. The course of studies includes literature, composition and grammar. Improvement in specific composing skills is encouraged through the writing of paragraphs, informal essays, poetry, and book reports. The student's study of spelling, parts of speech, sentence structure, usage and punctuation is directed toward increasing accuracy in writing and speaking. Myths, legends, short stories, drama and poetry make up the literature portion. *(This is a Standards of Learning aligned course that is tested in 11th grade).*

++English 9 - Modified

1 Credit

Grade 9

Prerequisite: None

This course is designed to provide concentrated instruction in reading comprehension and vocabulary to students with deficiencies in these areas. Spelling, grammar, paragraph writing and literature are also incorporated into this class. This course stresses improved reading and written communication skills and a self paced process for each student. Myths, legends, short stories, drama and poetry make up the literature portion. *(This is a Standards of Learning aligned course that is tested in 11th grade).*

*English 10 - General

1 Credit

Grade 10

Prerequisite: English 9 - General or Modified

This course is designed for students reading at or near grade level. The course is devoted to improving the student's abilities in grammar and usage, spelling, vocabulary and the writing process. Literary studies will include: the short story, a novel, drama, prose forms and poetry. Writing experiences include: book reports, practical documents and paragraphs. Library skills are used for a short written research project. *(This is a Standards of Learning aligned course which is tested in 11th grade).*

++English 10 - Modified

1 Credit

Grade 10

Prerequisite: English 9 - Modified

This course is designed to provide concentrated instruction in reading comprehension and vocabulary to students based on individualized skill assessments. Spelling, grammar, paragraph writing and literature are also incorporated into this class, writing experiences include: practical documents and short essay. This course stresses improved reading and written communication skills with work and a self-paced process used for each student. *(This is a Standards of Learning aligned course that is tested in 11th grade).*

*Required Course – Standard Diploma

++Required Course – Virginia Modified Diploma

English (continued)

***English 11 - General** S.O.L. TEST

1 Credit

Grade 11

Prerequisite: English 10 - General or Modified

This course is designed to teach students an appreciation and understanding of the major forms of literature, how to write a literary/research paper requiring research skills, vocabulary enrichment, reading skills, composing skills using the writing process, study skills, career skills and oral skills. American Literature is presented through a survey of the major literary periods, genres and authors. *(This course has an end of course Standards of Learning cumulative tests 9-11th grade).*

++English 11 - Modified S.O.L. TEST

1 Credit

Grade 11

Prerequisite: English 10 - Modified

Instruction in reading, writing and speaking are adjusted for student progress, review and remediation. Writing experiences include: book reports, paragraphs, essays, practical documents and letters. Students will study American Literature. Instruction in grammar focuses on the achievement of correct usage in the student's speaking and writing. Students are introduced to basic documentation of sources as they prepare a written research report. *(This course has an end of course Standards of Learning cumulative tests 9-11th grade).*

***English 12 - General**

1 Credit

Grade 12

Prerequisite: English 11 - General

This course will emphasize the study of English Literature through a survey of the major literary periods, genres and authors, as well as writing both analytically and creatively. In addition, the course includes a review of research techniques and the writing of a formal literary/research paper related to the study of English Literature. Book reports and the study of a novel will also be required.

++English 12 - Modified

1 Credit

Grade 12

Prerequisite: English 11 - Modified

This course will emphasize the study of literature and writing at a pace appropriate to the student's ability. The process of writing will be a focus, as will reading skills, study skills, vocabulary development, speaking skills and career skills. The students will prepare a literary/research paper requiring research skills; book reports will be required.

*Required Course – Standard Diploma

++Required Course – Virginia Modified Diploma

English (continued)

Applied Communications 1 – 4 Modified

Grades 9, 10, 11 & 12

Can be taken for one semester or two

**.5 credit per semester
(may take 2 semesters per year)**

The course is designed for students who have demonstrated a deficiency in reading and/or writing. It is recommended for students taking the Maryland Functional Writing Test, the 8th grade English S.O.L. (Reading, Literature and Research) test or the English 11 S.O.L. verified test. This course is individualized to the student's needs based on the content of the State assessment that the student will be taking. Students will increase word segmentation skills, fluency and inferential comprehension skills as they read selections in a variety of genres. Students will increase knowledge of composition by demonstrating the ability to express themselves, in writing, and to express sequencing, revising and editing in the writing process will be increased. There will also be a focus on enlarging vocabulary through the study of words, taking notes from written, oral and audio-visual materials and the publishing of finished composition works.

Basic Study and Test Skills

Grades 9 through 12

Prerequisite: None

.5 credit per semester

This course focuses students on a variety of strategies and techniques to enable increased achievement in school. These techniques include independent study skills which are practiced with materials from one or more content areas (i.e. math, science, etc.). Additional focus is provided concerning standardized test taking strategies and remediation (based upon student's previous performance on state and local assessments). Concepts of the course may also include effective time management, note taking, self advocacy, and task prioritization as needed.

*Required Course – Standard Diploma

++Required Course – Virginia Modified Diploma

Fine Arts

Music Appreciation:

1 Credit

Grades 9, 10, 11 & 12

Prerequisite: None

This course is specifically designed to aid student in discovering and exploring the various ways that we, as humans, use music in our lives. Different areas covered in this course include music as an expression of who we are, music to let us create, music to understand life's meaning, and music to characterize the age. Integrated into each area are musical concepts (SOL based) including theory, history, appreciation, and performance through singing, moving, and playing, and the relationship between music and other disciplines. Students taking this class are encouraged to experience music first hand, both within the group and individually. Each student will gain a deeper understanding of how music can be used and enjoyed in everyday life as well as develop skills in using music for relaxation, leisure, anger management, exercise, and spontaneous expression.

Music Instrumental Methods:

1 Credit

Grades 9, 10, 11, & 12

Prerequisite: Teacher Recommendation/Audition

This course offers a supportive learning environment in which students will develop fundamental playing skills on musical instruments. Techniques such as proper playing position, tone production, reading music, fingerings, and playing independently and in an ensemble are the main emphasis of this course. Although playing and performance will be the main methods of learning these skills, the process towards and not the product of the performance is emphasized most. Other skills utilized within this course are individual responsibility, care of instruments, and appropriate concert etiquette for performers, accompanists, and audiences.

Music Theory/History:

1 Credit

Grades 9, 10, 11, & 12

Prerequisite: Music Appreciation

This course builds on the music theory and history concepts that are presented in Music Appreciation by providing the student with further hands on experience in composing and analyzing written music. Students will also further develop their critical thinking skills with regards to the music that surrounds us, and will increase their vocabulary in order to express these thoughts knowledgeably. This course is recommended for students who wish to pursue music in college and/or as a career, and also for those students who love music and the creation thereof.

Health and Physical Education

*Health & Adaptive Physical Education 9

1 Credit

Grade 9

Prerequisite: None

This course is designed for students who have a disability that limits their potential for success in certain physical activities. It is designed to contribute to the fullest development of the student's physical activities. Students will have an individual program of physical activities adapted to match their capabilities, needs and interests. The health course will cover the facts and concepts consistent with the material taught in the general class, but the pace and depth of the material may be reduced and modified to meet the individual's needs.

*Health and Physical Education 9

1 Credit

Grade 9

Prerequisite: None

This is a required course in which the instruction is divided equally between health education and physical activities. The health course is one with emphasis on First Aid, CPR, Mental Health and Family Life Education. In physical education, both team and individual sports are taught. The major emphasis is on fitness for life.

*Health & Adaptive Physical Education 10

1 Credit

Grade 10

Prerequisite: Health and Adaptive Physical Education 9

This course is designed for students who have a disability that limits their potential for success in certain physical activities. It is designed to contribute to the fullest development of the student's physical activities. Students will have an individual program of physical activities adapted to match their capabilities, needs and interests. The health course will cover the facts and concepts consistent with the material taught in the general class, but the pace and depth of the material may be reduced and modified to meet the individual's needs.

*Health and Physical Education 10

1 Credit

Grade 10

Prerequisite: Health and Physical Education 9

This is a required course in which the instruction is divided equally between health education and physical activities. The health course is one with emphasis on Drug Education, Nutrition Education and Family Life Education. In physical education, both team and individual sports are taught. The major emphasis is on fitness for life.

Wellness, Health and Physical Education

1 Credit

Grades 11 & 12

Prerequisite: Health and Physical Education 9 & 10

Students continue to learn and practice lifetime leisure activities and sports with emphasis on fitness as it relates to total wellness.

*Required Course – Take either General or Adaptive

Home Economics

Family Living

1/2 Credit

Grades 9, 10, 11 & 12

Prerequisite: None

This semester course is designed to give students a better understanding of contemporary issues that influence their choice of a lifestyle. Included are: roles and responsibilities of individuals in relationships, teen decision making, AIDS awareness and adjustments as they pertain to marriage and/or parenthood.

Family and Consumer Science

1/2 Credit

Grades: 9, 10, 11 & 12

Prerequisite: None

This is a semester course that is designed to include several areas of Family and Consumer Science. Students will study and experience practical application of nutrition, food science, preparation of and buying of foods throughout the life cycle. Basic sewing skills will be performed through the construction of projects with the use of sewing machines, fabrics and patterns. Other areas of study will include wellness, weight management, etiquette, and clothing care. This class includes a balance of class work, demonstrations and hands-on experience.

Mathematics

General Mathematics 9

1 Credit

Grade 9

Prerequisite: None

Note: This course will count as an elective math credit for the Virginia Modified Standard Diploma

This course is designed for students of low mathematical ability. Improvement in the basic skills of addition, subtraction, multiplication and division with whole numbers, fractional numbers and decimal numbers is emphasized. Topics include reading schedules, maintaining checking accounts, net and gross earnings, shopping, taxes, etc. This course is relevant to students who expect to join the work force after completing high school.

Math Applications

1 Credit

Grade 9, 10, 11, 12

Prerequisite: None

Note: This course will count as an elective math credit for the standard diploma and will count as a required credit under the Virginia Modified Standard Diploma.

A firm foundation in the basic arithmetic skills including fractions and decimals will be presented. Practical applications of general mathematics are used throughout the course. An introduction to the use of algebra, geometry, and statistics as applied to problem solving, ratios and percents will be included.

Mathematics (continued)

Economics and Personal Finance

1 Credit

Grades 9, 10, 11 & 12

None

Note: This course will count as an elective math credit for the standard diploma and will count as a required credit under the Virginia Modified Standard Diploma.

Economics and Personal Finance is a course which applies basic computational skills in solving everyday problems that students would encounter as a consumer. The course will help students make sure their decisions are wise ones. Units on money management, banking, consumer credit, taxes, food, clothing, transportation, housing and insurance will be emphasized.

Intermediate Math Skills

1 Credit

Grade 11, 12

Note: This course will count as an elective math credit for the Virginia Modified Standard Diploma.

This course is designed for students needing assistance to prepare for the 8th grade SOL Mathematics test. The emphasis of instruction will be based on the individual's needs in the Basic Math Skills (numeration, basic operations and problem solving) and Functional Math Skills (managing finances, measurement and consumerism).

Intro to Elementary Algebra Parts I & II

1 Credit

Grades 9, 10, 11 & 12

Prerequisite: None MD students - Core Requirement; VA students – Standard Diploma – Counts as a Math Elective; Modified Diploma counts as a Math Elective.

The basic skills and concepts of pre-algebra will be integrated with concepts of algebra. Students will begin a study of the real number system. Importance in Introduction to Elementary, Algebra Parts I & II is on proficiency in computation with numbers in these various systems. This course is designed for students who need additional preparation for Algebra I and a basic overview of algebraic functions for a vocational program.

***Algebra I, Part I & II** S.O.L. TEST

1 Credit

Grades 9, 10, 11 & 12

Prerequisite: None

Note: This could be a two-year sequence for the Virginia Modified Standard Diploma for which it a required course.

The content of this course is oriented toward an understanding of the properties of the real number system. Careful study is given to the solving of equations and inequalities, polynomial expressions, graphs and to the development of the skills needed in the courses, which follow. This is the entry level course of the Academic Mathematics sequence.

Mathematics (continued)

***Geometry - General** S.O.L. TEST
Grades 10 & 11
Prerequisite: Algebra I

1 Credit

This course includes the axioms and theorems of Euclidean Plane Geometry and emphasizes deductive proofs. Coordinate Geometry and Elementary Trigonometry of the triangle are included, along with a unit on compass and straightedge construction.

Geometry, Part I & II - Modified S.O.L. TEST
Grades 10, 11 & 12

1 Credit

Prerequisite: Algebra I A&B or Intro. to Elementary Algebra I Parts I & II

Note: This could be a two year sequence for the Virginia Modified Standard Diploma.

This course is the study of plane geometry. Most of the theorems are postulated and emphasis is placed on learning to use geometric formulas and concepts and studying simplified proofs. Much of the course will provide hands-on experience using compass and straightedge construction, as well as provide deductive reasoning activities which include critical thinking, exploration and everyday living applications.

***Algebra II Part I & II, A & B** S.O.L. TEST
Grades 10, 11 & 12

1 Credit

Prerequisite: Geometry and Algebra I

Content includes functions, relations, linear equations, inequalities, and their graphs. The irrational numbers lead to the development of the quadratic formula. Quadratic systems, complex numbers, and logarithmic and exponential functions are also studied.

*Two of these three courses are required for Standard Diploma

Science

***Earth Science - General**

S.O.L. TEST

1 Credit

Grade 9

Prerequisite: None

The content of this course includes general information in meteorology (weather), oceanography, geology (rocks, minerals and earth processes) and astronomy. Earth Science provides a practical and theoretical background for all of the specialized sciences and gives insight into a variety of exciting science careers. Emphasis will be placed on practical knowledge in Earth Science and man's relationship to and dependence upon earth processes.

++Earth Science, Part I & II – Modified

S.O.L. TEST

1 Credit

Grade 9

Prerequisite: None

This could be a two year sequence for the Virginia Modified Standard Diploma.

This course is designed to use a variety of teaching methods such as demonstrations, laboratory activities, oral reading of the text along with discussions and related films and filmstrips. The students are provided with the facts and concepts that are covered in the general class, but the pace and depth of the material are reduced. Emphasis will be placed on practical knowledge of Earth Science.

***Biology - General**

S.O.L. TEST

1 Credit

Grades 10, 11 & 12

Prerequisite: Earth Science

Biology is the study of life, including both the structure and functions of organisms and the role of those organisms in the environment. Students extend their logical thinking and problem solving skills by investigating the living world. In Biology I – General, emphasis will be placed on practical knowledge in biological science, including life processes, interrelationships and dependence among species. Laboratory periods serve to give practical applications of some of the basic concepts formed throughout the course.

++Biology, Part I & II - Modified

S.O.L. TEST

1 Credit

Grades 10, 11 & 12

Prerequisite: None

This could be a two year sequence for the Virginia Modified Standard Diploma.

Basic Biology is designed for students needing curriculum adaptations. Organization of notes and other materials is part of the student's evaluation. The course content is designed to provide the necessary biology needed to understand living conditions and phenomena. The course investigates consumer biology, human health requirements and provides students with basic biology concepts. Laboratory experiences are designed to be related to the fundamental life processes students will experience.

*Required Course – Standard Diploma

++Required Course – Virginia Modified Diploma

Science (continued)

Physical Science

1 Credit

Grades 11 & 12

Prerequisite: Earth Science and Biology

This course counts as a Science elective for the Virginia standard diploma and as the third required Science for students from Maryland and the District of Columbia.

The content of Physical Science is a conglomerate of information based on Life Science, Earth Science, Biology, Physics and Chemistry. The main emphasis is placed on energy and how it affects mankind through weather, ecosystems, the Earth's resources, shelter and flight/aviation. The course content is designed to extend basic information of other courses and apply technical knowledge to further the student's understanding of technology in today's world. This course will provide fundamental information with vocabulary emphasis and provide a hands-on, inquiry-based approach to learning.

Environmental Science

1 Credit

Grade 11 & 12

Prerequisite: Earth Science and Biology

This course enables students to develop a clearer understanding of the natural environment and the current environmental issues that the world faces. This course is designed to include laboratory and field experiences to study environmental awareness including: fundamental ecological principles, human population dynamics, natural resources, and energy sources and their use. Utilizing group discussion, current media outlets, and current scientific research, students will analyze human/environmental interactions which include personal, civic, and ethical responsibilities.

*Required Course – Standard Diploma

++Required Course – Virginia Modified Diploma

History and Social Science/Virginia

***World History and Geography I - General**

S.O.L. TEST

1 Credit

Grade 9

Prerequisite: None

World History and Geography I is an in-depth course which contains a more rigorous work requirement designed to challenge. Students will explore the development of people, places, and patterns of life from ancient times through the Renaissance/Reformation. A major research project is required.

++World History and Geography I – Modified

S.O.L. TEST

1 Credit

Grade 9 and 10

Prerequisite: None

This could be a two-year sequence for the Virginia Modified Standard Diploma.

This course enables students to explore the historical development of people, places, and patterns of life from the ancient times through the Renaissance/Reformation. Students study the origins of much of our heritage using texts, maps, pictures, stories, diagrams, charts, chronological skills, inquiry/research skills, and technology skills. Spatial concepts of geography will be linked to chronological concepts of history.

World History and Geography II - General

S.O.L. TEST

1 Credit

Grade 10

Prerequisite: World History and Geography I

This course continues the in-depth study of history and geography from the end of the Renaissance/Reformation to the present with emphasis on Western Europe. The course is designed to challenge more advanced students as they study broad themes of history and probe specific historic events, ideas, issues, persons, and documents. . Using texts, maps, pictures, stories, diagrams, charts, and a variety of chronological, inquiry/research, and technological skills, students develop competence in chronological thinking, historical comprehension, and historical analysis. A major in-depth research project is required.

++World History and Geography II - Modified

S.O.L. TEST

1 Credit

Grade 10

Prerequisite: World History and Geography I

This course covers history and geography from the end of the Renaissance/Reformation to the present with an emphasis on Western Europe. Geographic influences on history continue to be explored, but increasing attention is given to the political boundaries that developed with the evolution of nation-states. Using texts, maps, pictures, stories, diagrams, charts, and a variety of chronological, inquiry/research, and technological skills, students develop competence in chronological thinking, historical comprehension, and historical analysis.

History and Social Science/Virginia (continued)

*United States and Virginia History - General S.O.L. TEST 1 Credit

Grade 11

Prerequisite: None

The purpose of this course is to prepare students for advanced level work. Emphasis is placed on the development of research and writing through the study of major events and personalities of American history from the colonial period to the modern era. Additional emphasis is placed on Virginia's role in the development of America.

++United States and Virginia History Part I & II - Modified S.O.L. TEST 1 Credit

Grade 11

Prerequisite: None

This is a two-year sequence for the Modified Standard Diploma and the S.O.L. test must be taken if the student elects to take Part II of this course.

This course deals with the development of American ideals and institutions through the study of major events and personalities of American history from the colonial period to the modern era. The course provides a perspective on the relationship between the past and contemporary issues, with emphasis on the United States as a world leader. The role which Virginia played in the development of America is emphasized.

*United States and Virginia Government - General 1 Credit

Grades 12

Prerequisite: None

The course content consists of the following units: foundations of the American Constitution, structures and powers of the three branches of government, civil rights, government regulation of the economy and the welfare state, political parties and voting behavior, defense and foreign policies, as well as state and local governments. Democratic values and citizen participation in government are emphasized to help prepare the students to become responsible voters.

++United States and Virginia Government - Modified 1 Credit

Grades 12

Prerequisite: None

This course is designed for students who lack developed reading skills. Through the use of a carefully controlled vocabulary and appropriate texts, as well as relevant supplementary materials, the students will study the basic democratic principles, as well as the structures and functions of government in the United States at the national, state and local levels. Democratic values and citizen participation in government are emphasized to help prepare students become responsible voters.

*Required Course – Standard Diploma

++Required Course – Virginia Modified Diploma

Social Studies - Maryland

***United States and Maryland Government - General**

1 Credit

Grades 9

Prerequisite: None

This course content consists of the following units: foundations of the American Constitution, structures and powers of the three branches of government, civil rights, government regulation of the economy and the welfare state, political parties and voting behavior, defense and foreign policies as well as state and local governments. Democratic values and citizen participation in government are emphasized to help prepare the students to become responsible voters.

++United States and Maryland Government - Modified

1 Credit

Grade 9

Prerequisite: None

This course is designed for students who need adaptations to the curriculum. It is taught through the use of carefully controlled vocabulary and appropriate texts, as well as relevant supplementary materials. The students will study the basic democratic principles, as well as the structures and functions of government in the United States at the national, state and local levels. Democratic values and citizen participation in government are emphasized to help prepare students to become responsible voters.

***World History and Geography I - General**

1 Credit

Grades 10 & 11

Prerequisite: None

This course combines world history, geography and culture of our global neighbors into one comprehensive course. The students will learn the history of the people, as well as the geography of the lands they study. They will learn to understand and appreciate other cultures and also obtain a grasp of the economic issues of the day.

***World History and Geography I - Modified**

1 Credit

Grades 10 & 11

Prerequisite: None

This course is designed for students who need adaptations to the curriculum. It combines world history, geography and culture of our global neighbors into one comprehensive course. The students will learn the history of the people, as well as the geography of the lands they study. They will learn to understand and appreciate other cultures and also obtain a grasp of the economic issues of the day.

Social Studies – Maryland (continued)

***United States History - Modified**

1 Credit

Grades 11 & 12

Prerequisite: World History and Geography

This course is for students who need curriculum adaptations. The course is designed to provide the students with a chronological background of the historical evolution of our nation. Instruction is provided from the colonial period to the present day. Political, social, economic and geographic developments are discussed. Past events are related to current happenings to provide a perspective for the analysis of contemporary affairs. Emphasis is placed on helping students develop skills in remembering facts, improving reading comprehension, increasing vocabulary and improving their ability to understand facts and concepts that are consistent with material taught in the general class. The pace and depth of the material are reduced.

***United States History - General**

1 Credit

Grades 11 & 12

Prerequisite: World History and Geography

This course is designed to provide the students with a chronological background of the historical evolution of our nation. Instruction is provided from the colonial period to the present day. Political, social, economic and geographic developments are discussed. Past events are related to current happenings to provide a perspective for the analysis of contemporary affairs.

*Required Course – Take either General or Modified

Social Studies – West Virginia

***United States and West Virginia Government - General**

1 Credit

Grades 9

Prerequisite: None

This course content consists of the following units: foundations of the American Constitution, structures and powers of the three branches of government, civil rights, government regulation of the economy and the welfare state, political parties and voting behavior, defense and foreign policies as well as state and local governments. Democratic values and citizen participation in government are emphasized to help prepare the students to become responsible voters.

++United States and West Virginia Government - Modified

1 Credit

Grade 9

Prerequisite: None

This course is designed for students who need adaptations to the curriculum. It is taught through the use of carefully controlled vocabulary and appropriate texts, as well as relevant supplementary materials. The students will study the basic democratic principles, as well as the structures and functions of government in the United States at the national, state and local levels. Democratic values and citizen participation in government are emphasized to help prepare students to become responsible voters.

Career & Technical Education

Introduction to Career and Technical Education (Part 1)

1/2 Credit

Grades 9, 10, 11 & 12

Prerequisite: None

This is an introduction course which is an academically based program for the world of work. The students will evaluate their assets and expand and apply their strengths to increasing their independent living skills.

Introduction to Career and Technical Education (Part 2)

1/2 Credit

Grades 9, 10, 11 & 12

This is an introduction course which is an academically based program for the world of work. The students will explore the concepts of work, explore work attitudes and document occupational interests and aptitudes.

Career and Technical Education IA

1/2 Credit

Grades 9, 10, 11 & 12

This is a Level I course for Education for Employment. It is an academically based program for the world of work. The students will focus their studies on individual strengths and interests for the workplace, adapt individual assets to occupations and solve problems involved in the workplace.

Career and Technical Education IB

1/2 Credit

Grades 9, 10, 11 & 12

This is a Level I course for Education for Employment. It is an academically based program that helps the students learn active thinking skills. The students will develop strategies for acquiring individual skills, as well as independent living skills. The course will also help students become aware of what is needed to successfully live on their own.

Career and Technical Education IIA

1/2 Credit

Grades 9, 10, 11 & 12

This is a Level II course for Education for Employment. This course is a combination of classroom instruction and work experience in the community. The students will focus their studies on technical skills, searching for employment and maintaining successful employment. The classroom portion includes instruction, problem-solving and the use of instructional materials that relate to job settings in the workplace.

Career & Technical Education (continued)

Career and Technical Education IIB

1/2 Credit

Grades 9, 10, 11 & 12

This is a Level II course for Education For Employment. This course is a combination of classroom instruction and practical applications. The students will focus their studies on balancing work and family roles and contributing to the community. The classroom portion includes instruction and problem solving. Classroom lessons will be applied to home and community settings.

Cooperative Education I *

From 1 to 2 Credits

Grades 11

Prerequisite: None

This course is a **combination of 50 hours of classroom instruction and 180 hours (including summer training hours)** of on the job training and stipend work experience in the work field. It focuses on several areas involved in transition into the employment field in social, emotional, intellectual and communication skills. The classroom portion involves instruction, including problem solving, and the use of instructional materials that relate specifically to the job training settings in the workplace.

Career and Technical Education /Cooperative Education II *

From 1 to 3 Credits

Grade 12

Prerequisite: Career and Technical Education IA and IB or II A and II B

This course is a **combination of 50 hours of classroom instruction and 180 hours (including summer training hours)** of on the job training and stipend work experience in the work field. It focuses on several areas involved in transition into the employment field in social, emotional, intellectual and communication skills. The classroom portion involves instruction, including problem solving, and the use of instructional materials that relate specifically to the job training settings in the workplace.

- **Required clock hours per one credit = 50 hours in classroom and 180 hours in field of work.**

FORMS

Student Name: _____
School System: _____
Diploma Type: _____
My Career Goal: _____

High School Four-Year Course Worksheet

Grade 9 Year ____	Grade 10 Year ____	Grade 11 Year ____	Grade 12 Year ____	
English	English	English	English	
Mathematics	Mathematics	Mathematics	Mathematics	
Social Studies	Social Studies	Social Studies	Social Studies	
Science	Science	Science	Science	
Electives	Electives	Electives	Electives	
Electives	Electives	Electives	Electives	
Electives	Electives	Electives	Electives	
2nd Choice	2nd Choice	2nd Choice	2nd Choice	
Credits _____	Credits _____	Credits _____	Credits _____	Total Credits _____

Maryland Student Service Learning Verification

Student Name: _____
Last First Middle

Site of Service Learning: _____

Site Address: _____

Contact Person: _____ Phone No.: _____

Assigned Staff: _____

Hours Satisfactorily Completed: _____ Date: _____

Student's thoughts on the significance of this learning experience:

Total number of hours to date: _____

Student Signature Date

Supervisor for Instruction Signature Date

Total Number of hours required 75

District of Columbia

MONTHLY STUDENT EVALUATION CHECK LIST

Student Name: _____

Student School: _____ Grade: _____

Student Volunteered a total of hours: _____ Date: _____ To: _____

	Excellent	Very Good	Fair	Poor
Attitude towards student/adults	_____	_____	_____	_____
Attitude about work	_____	_____	_____	_____
Cooperation	_____	_____	_____	_____
Dependability	_____	_____	_____	_____
Judgment	_____	_____	_____	_____
Willingness to take directions	_____	_____	_____	_____
Willingness to assume responsibility	_____	_____	_____	_____
Attendance	_____	_____	_____	_____
Punctuality	_____	_____	_____	_____

Comments: _____

Total Rating: _____ Excellent _____ Very Good _____ Fair _____ Poor _____

Student Signature: _____ Date _____

Supervisor's Signature: _____ Date: _____