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ROCKVILLE HIGH SCHOOL Program of Studies Guide 2007-2008

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ACCREDITATION

Rockville High School is accredited by the New England Association of Schools and Colleges, Inc., a non-governmental, nationally recognized organization whose affiliated institutions include elementary schools through collegiate institutions offering postgraduate instruction.

Accreditation of an institution by the New England Association indicates that it meets or exceeds criteria for the assessment of institutional quality periodically applied through a peer group review process. An accredited school or college is one that has the necessary resources to achieve its stated purpose through appropriate educational programs, is substantially doing so, and gives reasonable evidence that it will continue to do so in the future. Institutional integrity is also addressed through accreditation.

Accreditation by the New England Association is not partial but applies to the institution as a whole. As such, it is not a guarantee of the quality of every course or program offered, or the competence of individual graduates. Rather, it provides reasonable assurance about the quality of opportunities available to students who attend the institution.

Inquiries regarding the status of an institution's accreditation by the New England Association should be directed to the administrative staff of the school or college. Individuals may also contact the Association by mail (New England Association of Schools and Colleges, Inc., 209 Burlington Road, Bedford MA 01730-1433), by phone (781-271-0022), or via the Internet (web address www.neasc.org)

PLANNING THE PROGRAM OF STUDIES

Dear Student:

Your planning and placement for the next school year should be a shared decision with your parents, teachers, administrators, and guidance counselor. The schedule which you select should allow each and every day to be challenging, enriching, and sequential in regards to your planned graduation.

Our Program of Studies Guide has countless opportunities to meet the needs of your planned career path. Before finalizing your courses for the 2007-2008 school year, please research the optimal educational program that will best meet your individual needs. The choices that you make will directly correlate to the value, worth, and “total” experience that you receive at Rockville High School.

In summary, when finalizing your selection, be conscious of graduation requirements, personal interests, and plans after Rockville High School.

Respectfully,
Kimberly Marinan
Director of Guidance

CREDIT REQUIREMENTS

All students in grades nine, ten, and eleven are required to take a minimum of 6.50 credits including four Junior Seminar sessions for juniors. Seniors are required to take a minimum of 6.00 credits and must attend six Senior Seminar sessions. All RHS students are encouraged to elect more than the minimum amount of credits.

COURSE REQUIREMENTS

Although a description of the prerequisites for a specific course may vary from department to department, it is important that students and parents understand the purpose of prerequisites. The primary purpose is to insure that students have the skills to be successful in the course. Prerequisites are not intended to deny students access to more demanding courses. Students who do not meet the prerequisites for a certain level course will have the opportunity to meet with their counselor and the department head to have a clearer understanding of the course expectations.

GRADUATION REQUIREMENTS

Credit Requirements for Graduation

All students are required to complete and pass the following courses to be eligible to graduate from Rockville High School:

<u>Subject</u>	<u>Credits</u>
English	4.0
Mathematics	3.0
Social Studies	
Civics	0.5
U.S. History	1.0
Elective	1.5
Science	
Biological Science	1.0
Physical Science	1.0
Elective Science	1.0
Vocational Education*	1.0
Fine Arts**	1.0
Microsoft Applications	1.0
Physical Education	1.5
Health	0.75
Junior Seminar	(P/F)
Senior Seminar	(P/F)
Electives	3.75
TOTAL	22.0 credits

*Courses in Business & Computer Science, Technology Education, Agricultural Education, and Family and Consumer Science meet the Vocational Education requirement. Microsoft Office Applications does not fulfill the Vocational Education requirement.

** Courses in Art and Music meet the Fine Arts requirement. Creative Writing, Modern Theater, and American Film also meet the Fine Arts requirement.

DEMONSTRATION OF PERFORMANCE STANDARDS

Students must complete all four portions of the Connecticut Academic Performance Test (CAPT) and demonstrate performance standards for:

- Mathematics
- Science
- Reading / Writing

Performance Standard for Mathematics:

Definition: Students will achieve proficiency on the content standards as outlined in the Common Core of Learning. These standards include: Number Sense, Operations, Estimation and Approximation, Ratios, Proportions and Percents, Measurement, Spatial Relationships and Geometry, Probability and Statistics, Patterns, Algebra and Functions, and Discrete Mathematics.

Students will demonstrate proficiency by being able to:

- Solve multi-step problems;
- Explain the process used to solve a problem;
- Use a calculator to help solve a problem;
- Analyze the appropriateness of a solution to a problem.

Demonstration of Performance Standards: A student may demonstrate the performance standard by:

- scoring at or above the proficient level of the Mathematics portion of the Connecticut Academic Performance Test administered in grade 10 or grade 11; OR
- scoring at or above the state average on the mathematics portion of the SAT Reasoning Test; OR
- successfully completing Algebra II (College or Honors) at Rockville High School; OR
- satisfactorily completing a district performance task; OR
- successfully completing a Senior Mathematics Performance Standard course at Rockville High School.

Implementation of the District Performance Task

1. Students will have four opportunities in each of their junior and senior years to demonstrate the performance standard by satisfactorily completing a district-developed performance task in mathematics.
2. Students who have not satisfactorily demonstrated the performance standard by the end of their junior year will be required to enroll in a Senior Mathematics Performance Standard course. Successful completion of the course will satisfy the graduation requirement.

Performance Standard for Science

Definition: Students will graduate with the ability to:

- analyze and define a problem;
- design and develop a procedure to solve and conduct a scientific experiment;
- organize and present data in writing, data tables, and/or graphically;
- draw conclusions supported by data and communicated in writing.

Demonstration of Performance Standards: A student may demonstrate the performance standard by:

- scoring at or above the proficient level on the Science portion of the Connecticut Academic Performance Test administered in grade 10 or grade 11; OR
- satisfactorily completing a district performance task which is a CAPT Core Lab; OR
- successfully completing a Senior CAPT Core Lab seminar.

Implementation of the District Performance Task (CAPT Core Lab)

1. Students will have four opportunities in each of their junior and senior years to demonstrate the performance standard by satisfactorily completing a CAPT Core Lab.
2. Students who have not satisfactorily demonstrated the performance standard by the end of their junior year will be strongly recommended for a summer school program where two additional opportunities to demonstrate the Science Performance Standard will be provided.
3. Students who have not satisfactorily demonstrated the performance standard by the end of their junior year of during the summer school program will be required to attend a senior CAPT Core Lab seminar during the school year. Successful completion of the senior seminar will satisfy the graduation requirement.

Performance Standard for Reading/Writing:

Definition: Students will graduate with the ability to:

- read and demonstrate a critical stance as evidenced by the ability to describe, interpret, and move beyond the text;
- produce writing that requires students to generate, develop, and substantiate ideas with clarity, fluency, and organization;
- read and respond in literal, critical, and evaluative ways to literary or informational / persuasive texts.

Demonstration of Performance Standards: A student may demonstrate the performance standard by:

1. scoring at or above the proficient level on the Reading Across the Disciplines or the Writing Across the Disciplines portion of the Connecticut Academic Performance Test administered in grade 10 or grade 11; OR
2. scoring at or above the state average on the writing portion of the SAT Reasoning Test; OR
3. satisfactorily completing a district performance task; OR
4. successfully completing a Senior Reading/Writing Performance Standard course.

Implementation of the District Performance Task

1. Students will have four opportunities in each of their junior and senior years to demonstrate the performance standard by satisfactorily completing either a literary or an information/persuasive district performance task.
2. Students who have not satisfactorily demonstrated the performance standard by the end of their junior year will be strongly recommended for a summer school program where two additional opportunities to demonstrate the Reading/Writing Performance Standard will be provided.
3. Students who have not satisfactorily demonstrated the performance standard by the end of their junior year or during the summer school program will be required to enroll in a Senior Reading/Writing Performance Standard course. Successful completion of the course will satisfy the graduation requirement.

EXEMPTIONS AND MODIFICATIONS

Students will be exempt from the demonstration of the Performance Standards for the following reason:

1. The student attended a high school in another state or attended a private school in Connecticut during his or her sophomore year and transferred into the Vernon Public Schools during his or her junior year of high school after the administration of CAPT during that academic year or during his or her senior year.

Students may receive modifications to the demonstration of the Performance Standards for the following reasons:

1. A Planning and Placement or 504 Team has determined assessment modifications as approved in the student's Individualized Education Plan.
2. A Planning and Placement or 504 Team has determined an alternative assessment as approved in the student's Individualized Education Plan.

NOTIFICATION REGARDING CAPT REQUIREMENTS

1. Upon receipt of the scores for the Grade Ten Connecticut Academic Performance Test, students and parents will be notified as to the student's status regarding the Performance Standards for Graduation. Students and parents will also be notified of the available options for completion of this requirement.
2. Upon receipt of the scores for the Grade Ten Connecticut Academic Performance Test, teachers and department chairpersons will be notified of those students who did not score at or above the proficient level and thus have yet to meet the graduation requirement.
3. At the beginning of the senior year, students and parents will again be notified regarding the status of a student who has yet to meet any one of the Performance Standards for Graduation. This notice will be updated quarterly.

SENIOR PERFORMANCE STANDARDS COURSES

Students in grade 12 who have not previously demonstrated the district's Performance Standards for Graduation will be required to successfully complete a pass/fail course in one or more disciplines in order to meet the graduation requirements set forth by the Vernon Board of Education.

SENIOR PERFORMANCE STANDARD COURSE – READING

One Quarter

Credit 0.25

Weight 1.02

Prerequisites: This one quarter course is required for students in grade 12 (and optional for students in grade 11 during second semester) who have not previously demonstrated the Reading / Writing Performance Standard for graduation from Rockville High School.

Description: The focus of this course is the successful completion of a written as well as oral or artistic response to four CAPT questions about a piece of literature which is presented in the form of a student portfolio. The topic of study will be comedy in various forms including oral traditions such as jokes and comic monologues; artistic traditions such as comic strip story boards; visual traditions such as situation and other television comedies and motion pictures; and written traditions such as anecdotes and short stories. This is a pass/fail course. Successful completion of this course will demonstrate the district Performance Standard for Reading / Writing and fulfill the graduation requirement for Rockville High School.

SENIOR PERFORMANCE STANDARD COURSE – WRITING

One Quarter Credit 0.25 Weight 1.02

Prerequisites: This one quarter course is required for students in grade 12 (and optional for students in grade 11 during second semester) who have not previously demonstrated the Reading / Writing Performance Standard for graduation from Rockville High School.

Description: This course reviews the basic skills needed to write a persuasive essay. Skills such as taking a clear stand, organizing thoughts, and constructing an informed opinion will be discussed. Students will understand the individual components of a persuasive essay through various activities such as creating advertisements and restaurant reviews. This is a pass/fail course. Successful completion of this course will demonstrate the district Performance Standard for Reading / Writing and fulfill the graduation requirement for Rockville High School.

SENIOR PERFORMANCE STANDARD COURSE – MATHEMATICS

One Semester Credit 0.50 Weight 1.02

Prerequisites: This semester course is required for students in grade 12 who have not previously demonstrated the Mathematics Performance Standard for graduation from Rockville High School.

Description: Students in this course will work towards meeting the objectives within each of the six topics of the curriculum and complete each unit with a rubric-based project encompassing these objectives. Students will keep a portfolio of selected class work and all projects for submission at the completion of the course. This portfolio will serve as the basis for each student's grade. This is a pass/fail course. Successful completion of this course will demonstrate the district Performance Standard for Mathematics and fulfill the graduation requirement for Rockville High School.

GRADE PROMOTION REQUIREMENTS

Students must successfully earn a required number of credits in order to advance to the next grade level. Qualifications for each grade level will be defined as follows:

Grade 10 – Student has completed at least one academic year of high school and has earned at least 4.5 credits.

Grade 11 – Student has completed at least two academic years of high school and has earned at least 9 credits.

Grade 12 – Student has completed at least three academic years of high school and has earned at least 14 credits.

Students who have not earned the required number of credits will remain at their current grade level until they qualify for promotion. Students must apply to their Housemaster to be promoted at the half-year mark (if appropriate).

CONFIDENTIALITY

Confidentiality is a serious part of all professional relationships. To avoid any misunderstanding between a student and their guidance counselor, it is best that the student clarify any issue that is expected to be held in confidence. Likewise, it is important for students to know that, by law or sound ethical practices, there are situations whereby the counselor is required to disclose information that pertains to a student's safety or the safety of others. This statement is offered in the spirit of protecting students' rights.

TRANSFER STUDENTS

The transcripts of students transferring into Rockville High School will be examined and credits awarded in terms of equivalent Carnegie units. Any student who transfers into Rockville High School in Grade 9, 10, or 11 will have their transcript grades figured into the 2 ½ year and/or 3 year rank at face value or they may request that the sending school recompute the transcript grades on their weighted system and forward a new official transcript to RHS. This transcript should show the school's interpretation of the student's weighted average.

CLASS RANK

Class rank is an important consideration in the admission policies of most colleges and is determined by the weighted numerical average of grades earned in all subjects. The class rank is computed for the 2.5 year average and is also computed at the start of the senior year (3-year rank). The rank is used for colleges, scholarships and counseling. A three year, three marking period rank is developed for selection of awards, and the selection of valedictorian, salutatorian, and Rockville High School Scholars.

All students will be ranked in class by a weighted system. This system includes five levels of courses with each assigned a quality point multiplier based upon academic difficulty. A student's final grade is multiplied by the assigned point multiplier and then averaged to determine class rank.

Practical	1.00
General	1.02
College	1.04
Honors	1.06
Advanced Placement	1.08

Any student taking a pre-approved supplemental course at an accredited institution will have their grades transferred at face value and incorporated into the class rank. Examples of accredited institutions include Manchester Community College, the University of Hartford, and others.

ROCKVILLE HIGH SCHOOL SENIOR HONORS*

* based on the three-year, three-marking period ranking

Valedictorian: The student ranked first in the senior class with the highest weighted numerical average. The recipients of this award must have attended Rockville High School for at least two years.

Salutatorian: The student ranked second in the senior class with the second highest numerical weighted average. The recipients of this award must have attended Rockville High School for at least two years.

RHS Scholars: Students who have obtained a 90+ weighted average for three years and three marking periods. The recipients of this award must have attended Rockville High School for at least two years. Early graduates are eligible to be recognized as RHS Scholars after two years and three marking periods.

GUIDANCE AND COUNSELING

At the beginning of the ninth grade, students are assigned to a counselor who will work individually with them for the time that they remain in high school. Conferences between students and the Counselor usually take place during study periods and occur as frequently as may be necessary.

The following are items that students may want to discuss with their counselor: difficulties with school subjects or other school-related problems; self-evaluation of abilities, interests, personal and academic strengths; selection of courses and studies; vocational and/or career planning; planning for school or college after graduation; part-time employment; full-time employment after graduation; and/or personal problems.

Parents are welcome to visit the guidance office to discuss their student. Parents are invited to call 870-6050 for an appointment any time during the school day.

HONOR ROLL

The Honor Roll is based upon the grades in all subjects in each quarter. It is published four times per year. Failure in any subject automatically excludes the student from honor roll consideration for that quarter. Students must be carrying at least the minimum number of classes in order to be eligible for either honor roll level. To achieve General Honors, a student must earn an unweighted average of at least 85 and may not have any grade lower than a 75. To achieve High Honors, a student must earn an unweighted average of at least 90 and may not have any grade lower than an 80.

TRANSCRIPTS

Each student's academic record is contained on his or her transcript. The transcript contains the student's name; date of birth; gender; Social Security number (if available); parent or guardian's name; address; date of graduation; a year-by-year listing of courses, levels, grades, and credits; class rank; and major test scores (CAPT).

MIDYEAR AND FINAL EXAMS

All students will be given midyear and final examinations in all courses. Midyear exams are scheduled for January. Seniors may be exempt from a final exam if they have an average of 85 or better in that course and with the permission of the teacher of that course. (The following formula shows how the average is calculated to determine whether a senior qualifies for exemption from the final exam in a full year course: $[(Q1 \times 2) + (Q2 \times 2) + (Ex1 \times 1) + (Q3 \times 2) + (Q4 \times 2)] / 9 = \text{grade to date}$. For semester classes, the formula is $[(Q1 \times 2) + (Q2 \times 2)] / 4 = \text{grade to date}$.)

INDEPENDENT STUDY

Independent study is offered to Rockville High School students within each subject area. All students wishing to enroll in an independent study course must obtain approval from the subject area teacher and complete the official application that may be obtained from a counselor. The deadline to apply for an independent study program is the second Friday of June for full-year or fall semester courses and the first Friday of January for spring semester courses.

ADVANCED PLACEMENT COURSES

The Advanced Placement Program® is a cooperative educational endeavor between secondary schools and colleges and universities. The Program provides motivated high school students with the opportunity to take college-level courses in a high school setting. Students who participate in the Program not only gain college-level skills, but in many cases they also earn college credit while they are still in high school. AP courses are taught by dedicated and enthusiastic teachers who follow course guidelines developed and published by the College Board. Every AP student will be required to pay for and take the AP exam prepared by the College Board and administered in May. Students who are eligible for free or reduced-cost lunch qualify for a fee waiver on all AP exams they take that year. The exams are scored by the College Board and graded on a five-point scale (5=Extremely well qualified, 4=Well qualified, 3=Qualified, 2=Possibly qualified, 1=No recommendation). Colleges use these grades as evidence of the students' abilities and achievements when they make their decisions regarding whether or not to grant credit and/or advanced placement. An AP score report is sent in early July to each student's home address, school, and, if the student has requested, to his or her college. Students should check with their college's admissions office for clarification of policies on Advanced Placement. It is important to note that each college determines college credit and/or advanced placement.

Rockville High School offers 11 Advanced Placement courses.

Biology
Calculus AB
Chemistry
English Language & Composition
English Literature & Composition
French Language
Latin: Vergil
Physics B
Spanish Language
Studio Art
United States History

Additionally, the Advanced Placement exam is optional for students enrolled in Honors Statistics or in Music Theory. Please see the individual course descriptions for further information. The AP Program offers additional courses in a variety of subject areas which students have the opportunity to independently prepare for and take the exam.

PRELIMINARY SCHOLASTIC APTITUDE TEST** NATIONAL MERIT SCHOLARSHIP QUALIFYING TEST (PSAT/NMSQT)

October of Sophomore and Junior Years

1. By taking the test, students learn how they compare with a nationwide group of students on the verbal and mathematical reasoning abilities measured by the test. PSAT/NMSQT scores are an impartial evaluation of a student's ability to do college work and may be helpful to students when planning for education with a school counselor and their parents.
2. PSAT/NMSQT scores can be used to estimate performance on the Scholastic Aptitude Test, which is required for admission to many colleges. The PSAT/NMSQT is a shortened version of the SAT I and its score scale of 20 to 80 is equivalent to the SAT I scale of 200 to 800. Also, practice, on questions like those on the SAT I may produce greater confidence in taking the SAT I.
3. The PSAT/NMSQT is the route of entry into the National Merit Scholarship Program and the National Achievement Scholarship Program for Outstanding Negro Students.
4. Students may also take part in the Student Search Service of the College Board. Students who participate in the service may also receive information from colleges or other post-secondary institutions about education and financial aid opportunities.

SCHOLASTIC APTITUDE TEST** (SAT REASONING TEST)

The SAT Reasoning Test (formerly called the SAT I) measures the verbal, mathematical, and writing abilities a student has developed over many years, both in and out of school. Along with a student's high school courses and grades, SAT scores help indicate how prepared the student is to do the kind of academic work most colleges require. These tests are useful because courses and grading standards vary so widely from school to school that making comparisons are difficult. Scores on standardized tests help admissions officers compare the presentation and ability of students from different schools.

SAT SUBJECT TESTS**

The SAT Subject Tests (formerly called the SAT II Achievement Tests) are required by some colleges for admissions or placement purposes. The Subject Tests are one-hour multiple-choice tests in specific subject areas. Unlike the SAT Reasoning Test, the Subject Tests measure knowledge of a subject and the ability to apply that knowledge. Students should try to take an Achievement Test as soon as possible after completing the last course in that subject.

** As a service to its students, Rockville High School is an official site for the Scholastic Aptitude Test (SAT) and Preliminary Scholastic Aptitude Test (PSAT). The examinations and the process of administration are the exclusive property of the College Board and any and all surveys such as the Student Search Service are not subject to any Federal Education Rights and Privacy Act (FERPA) regulations.

TESTING DATES FOR SAT REASONING AND SUBJECT TESTS

* Exact testing dates are available at www.CollegeBoard.com

October	Senior Year
November	Senior Year
December	Senior Year
January	Senior Year
March or April	Junior Year
May	Junior Year
June	Junior Year

Students who plan to take the SAT Reasoning Test and/or the SAT Subject Tests should be aware of the test dates and see their counselor well in advance for information about registering for the test.

SUMMER SCHOOL

The summer school program is operated with the approval of the Vernon Board of Education. It allows students to repeat up to two credits in courses failed during the school year if they received a grade of 60 or higher. The grades for the course(s) failed and those taken in summer school are recorded on the student's transcript and are computed in the student's grade point average and rank in class. Students who plan to attend a summer program other than the one at RHS must obtain permission from and RHS administrator before registering. The fee for summer school will be announced in June. Seniors who do not earn a passing grade in a course required for graduation may choose to attend summer school or complete an approved online course. This option may only be completed after the Commencement ceremony for their class.

WITHDRAWAL FROM SCHOOL

Students who withdraw from school for any reason must notify their guidance counselor of their intention to withdraw. If the student is between 16 and 18 years of age, parents must appear in person to give approval for the withdrawal. A form on which students must check out all books and materials belonging to the school is required. No transcripts or official release of records will be granted to any student who has a financial obligation of any kind to the school.

CROSS CREDIT OPTIONS

The following courses have been approved as meeting an academic requirement for graduation:

<u>Elective</u>	<u>Credit Earned</u>	<u>Requirement Fulfilled</u>
Principles of Technology	1	Physical Science
Agricultural Education (4 years)	4	Science (Biology)
Creative Writing I & II	0.5 each	Fine Arts
A Perspective of American Film I & II	0.5 each	Fine Arts
Modern Theater I & II	0.5 each	Fine Arts
Business course(s)	0.5 or 1	Vocational Education
Computer Science course(s)	0.5 or 1	Vocational Education
Technology Education course(s)	0.5 or 1	Vocational Education
Agricultural Education course(s)	0.5 or 1	Vocational Education
Family & Consumer Sciences course(s)	0.5 or 1	Vocational Education

Microsoft Office Applications does not fulfill the Vocational Education requirement.

CONNECTICUT INTERNATIONAL BACCALAUREATE ACADEMY

Students from the Vernon Public Schools are eligible for admission into the Connecticut International Baccalaureate Academy, a very challenging and academically oriented program which is housed at East Hartford High School. Further information may be obtained by contacting the RHS Director of Guidance or by calling the Connecticut International Baccalaureate Academy Director at 860-622-5550.

GREATER HARTFORD ACADEMY OF THE ARTS

Students who attend the Greater Hartford Academy of the Arts as part of their school day will have their grades from GHAA included in their academic average each quarter. These grades will also be considered in the Honor Roll compilation quarterly.

POLICY ON CREDITS EARNED AT TWO-OR FOUR-YEAR COLLEGES

Seniors enrolled full-time at Rockville High School who wish to complete a course at a two-year or a four-year college with the intent of transferring that credit back to Rockville High School must receive authorization from the Director of Guidance and from the RHS Principal prior to enrolling in the course. The course will be awarded one credit on the student's RHS transcript.

RECOMMENDED SEQUENCE OF COURSES BY GRADE*

These charts are recommendations only. Students can select any courses consistent with the minimum requirements for graduation. The Vernon Public School System does not discriminate in its programs or activities on the basis of race, color, national origin, gender, or handicap.

GRADE 9

<p>HONORS English 9 (Honors) Geometry (Honors) World History I & II (Honors) World Language (Honors) Earth Science (Honors) Physical Education / Health 9 Microsoft Office Applications</p>	<p>COLLEGE PREPARATORY English 9 (College) Algebra I (College) <u>or</u> Geometry (College) World History I & II (College) World Language (College) Earth Science (College) Physical Education / Health 9 Microsoft Office Applications</p>
<p>GENERAL English 9 (General) Transition Math <u>or</u> Algebra I (General) Earth Science (General) World History I & II (General) Physical Education / Health 9 Microsoft Office Applications World Language <u>or</u> Elective(s)</p>	<p>PRACTICAL English 9 (Practical) Mathematics I (Practical) Earth Science (Practical) World Studies (Practical) Physical Education / Health 9 Microsoft Office Applications Elective(s)</p>

GRADE 10

<p>HONORS English 10 (Honors) Algebra II (Honors) World History III & Civics (Honors) World Language (Honors) Biology (Honors) Physical Education / Health 10 Elective(s)</p>	<p>COLLEGE PREPARATORY English 10 (College) Geometry (College) <u>or</u> Algebra II (College) World History III & Civics (College) World Language (College) Biology (College) Physical Education / Health 10 Elective(s)</p>
<p>GENERAL English 10 (General) Algebra I (General) <u>or</u> Geometry (General) Biology (General) World History III & Civics (General) Phys. Education / Health 10 World Language <u>or</u> Elective Elective(s)</p>	<p>PRACTICAL English 10 (Practical) Mathematics II (Practical) Biology (Practical) American Studies I & Civics (Practical) Physical Education / Health 10 Elective(s)</p>

GRADE 11

<p>HONORS English 11 (Honors) <u>or</u> A.P. Language & Composition Precalculus I & II (Honors) United States History (Honors) <u>or</u> A.P. U.S. History World Language (Honors) Physics <u>or</u> Chemistry (Honors) Physical Education Junior Seminar Elective(s)</p>	<p>COLLEGE PREPARATORY English 11 (College) Algebra II (College) <u>or</u> Precalculus I & II (College) United States History (College) World Language (College) Physics <u>or</u> Chemistry (College) Physical Education Junior Seminar Elective(s)</p>
<p>GENERAL English 11 (General) Geometry (General) <u>or</u> Algebra II (Gen) Chemistry (General) <u>or</u> Physical Science (General) United States History (General) Physical Education Junior Seminar Elective(s)</p>	<p>PRACTICAL English 11 (Practical) Consumer Math (Practical) <u>or</u> Applied Math (Algebra & Geometry Topics) Principles of Science (Practical) American Studies II & III (Practical) Physical Education Junior Seminar Elective(s)</p>

GRADE 12

<p>HONORS English 12 (Honors) <u>or</u> A.P. Literature & Comp. Calculus (Honors) <u>or</u> A.P. Calculus Social Studies Elective(s) World Language (Honors or A.P.) Physics <u>or</u> Chemistry (Honors or A.P.) <u>or</u> A.P. Biology Senior Seminar Elective(s)</p>	<p>COLLEGE PREPARATORY English 12 (College) Precalculus (College), Calculus, <u>or</u> Statistics Social Studies Elective(s) World Language (College) Physics <u>or</u> Chemistry (College) Senior Seminar Elective(s)</p>
<p>GENERAL English 12 (General) Consumer Math <u>or</u> Algebra II (General) <u>or</u> Advanced Math I & II Chemistry (General) <u>or</u> Physical Science (General) Contemporary Problems (General) Senior Seminar Elective(s)</p>	<p>PRACTICAL English 12 (Practical) Consumer Math (Practical) Contemporary Problems (Practical) Senior Seminar Elective(s)</p>

ROCKVILLE HIGH SCHOOL TECH PREP PROGRAM

Attention Freshmen and Sophomores: Rockville High School offers eight programs in which students obtain RHS & college credits simultaneously by taking designated courses. These programs are Agricultural Education, Allied Health, Business and Office Technology, Child Development/Early Childhood Education, Communications, Criminal Justice, Fire Technology, and Technology Education.

Students are encouraged to apply for these programs early in the second semester of their sophomore year. Counselors will explain the programs to all sophomores and clarify recommended courses during Grade 10 scheduling meetings.

If you are a freshman and are interested in one of these programs, be sure that your course selection for next year will fulfill entry requirements. If you are a sophomore, carefully read the descriptions of those programs which interest you. If you are interested in a particular program, contact your guidance counselor and sign up for special meetings to find out more about the Tech Prep programs.

Note: If a student plans to use one of these programs as a stepping stone to a four-year college program, then he or she should follow a college preparatory program of studies.

Manchester Community College Tech Prep Consortium Articulated Courses

MCC COURSE		RHS COURSE
ACC 115	Financial Accounting	(1305) Accounting I - College
B10 115	Human Biology (Science)	(7337) Allied Health II
CJS 101	Intro to Criminal Justice (S.S.)	(8311) Criminal Justice - College AND (8310) Intro to Law - College
Comm 213	Effective Speaking	(2305) Effective Communication
ECE 101	Intro to Early Childhood Education	(4301) Childhood Education
MAT 095	Elementary Algebra Foundations	(5304) Algebra 2 - College
PHY 110	Introductory Physics (Science)	(6303) Principles of Technology

Three Rivers Community College Articulated Tech Prep Course

THREE RIVERS COURSE		RHS COURSE
FTA 12	Intro to Fire Technology	(6310) Fire Technology

CAREER CLUSTERS

Early Childhood Career Cluster

The RHS Early Childhood Career Cluster provides students the option of focusing elective courses toward a career path in Early Childhood Education. Upon successful completion of the program, students will have the tools needed either to enter into the workforce in an entry-level position in their field or continue their studies in a post-secondary institution.

Requirements:

The following core courses are required by *all* students in the cluster:

- Child Development (1 credit)
- Childhood Education (1 credit)

A *minimum of three* of the following elective courses are also required:

- Education Practicum (.5 credit)
- Psychology (.5 credit)
- Sociology (1 credit)
- Contemporary Problems (.5 credit)
- Human Relationships (.5 credit)
- Effective Communications (1credit)

Job shadowing requirement:

- A total of 20 hours of job shadowing experience in a minimum of two different early childhood environments.

Portfolio requirement:

- Student will maintain an electronic portfolio, overseen by staff in the Career Center.

Grade requirement:

- Within cluster related courses, a cumulative grade of 80, with no more than one grade in the 70's is required.

Multimedia Communications Career Cluster

The RHS Multimedia Communications Career Cluster provides students the option of focusing elective courses toward a career path in Multimedia Communications. Upon successful completion of the program, students will have the tools needed either to enter into the workforce in an entry-level position in their field or continue their studies in a post-secondary institution.

Requirements:

The following core courses are required by *all* students in the cluster:

- Effective Communications (1credit)

A *minimum of three* of the following elective courses are also required:

- Photo I and II (1 credit)
- Digital Art I and II (1 credit)
- Graphic Arts I (1 credit)
- Journalism I and II (1 credit)
- Business Computer Technology (.5 credit)

Job shadowing requirement:

- A total of 20 hours of job shadowing experience in a minimum of two different multimedia communications environments.

Portfolio requirement:

- Student will maintain an electronic portfolio, overseen by staff in the Career Center.

Grade requirement:

- Within cluster related courses, a cumulative grade of 80, with no more than one grade in the 70's is required.