

Ridge View High School
2023-2024
Curriculum Guide



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Richland School District 2
Mrs. Nancy Gregory Superintendent
763 Fashion Drive
Columbia, SC 29229

Vision Statement

We prepare today for Success tomorrow.

Mission Statement

Ridge View High School Arts Innovation for Medical Sciences Magnet School offers a premier learning environment by providing authentic, collaborative, engaging, and meaningful learning experiences and opportunities that prepare students for the 21st-century challenges and responsibilities of global citizenship.

Belief Statements

We believe that igniting, inquiring, and inspiring means:

- ◆ Providing a safe, engaging, and caring environment with mutual respect for all in the learning community.
- ◆ Creating relevant and challenging experiences that prepare individual students for life beyond the doors of Ridge View High School.

Message from the Principal: Dr. Brenda Mack

It is all "At the View"-Academics, Arts, Activities, and Athletics. High expectations and academic excellence for student learning are engrained in the DNA of our faculty and staff. Ridge View has created a culture that maximizes student potential in academically engaging smaller learning communities. This culture nurtures the interest of students in various areas. Accordingly this Registration Guide has been prepared for students, parents, teachers, and school counselors. Please review this information carefully. Students will receive advisement from school counselors and teachers to help them make appropriate course selections. It is imperative that each student take seriously the selection of courses for the next school year. In addition to providing required courses, Ridge View attempts to offer elective courses that meet a variety of student interests and needs. However, budget constraints, the availability of a properly certified teacher and student interests (requests for courses) determine which elective courses will be taught. We encourage students to stretch their potential and to take honors, dual credit, and/or advanced placement courses prior to graduating.

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Notification of Compliance Title IX of the Education Amendment of 1972

The administration of Ridge View High School affirms that the school is in compliance with the requirements of Title IX which states, "No person in the United States shall on the basis of sex be excluded from participating in, be denied the benefits of or be subject to discrimination under any education program or activity receiving Federal Finance Assistance..." Further, Richland District Two is an equal opportunity employer and does not discriminate on the basis of race, creed, color, national origin, sex, age, handicap in emission to, access to, treatment in, or employment in its programs and activities. Inquiries concerning application of Title IX or complaints alleging noncompliance should be directed to the District Title IX Coordinator Shawn Williams, Chief Human Resources Officer. Her email shwilliams@richland2.org. Her mailing address is 124 Risdon Way Columbia, SC 29223 while her physical address is 763 Fashion Dr. Columbia, SC 29229. She can also be reached at 803-738-3216 by phone.

ACADEMIC PLANNING INFORMATION

The SC Department of Education’s vision is to ensure that every student meets the 21st Century Profile of the SC Graduate, so that each student is prepared for the military, the workforce, a community college, or university.

PROFILE OF THE South Carolina Graduate

WORLD-CLASS KNOWLEDGE

Rigorous standards in language arts and math for career and college readiness

Multiple languages, science, technology, engineering, mathematics (STEM), arts and social sciences



WORLD-CLASS SKILLS

Creativity and innovation
Critical thinking and problem solving

Collaboration and teamwork
Communication, information, media and technology
Knowing how to learn

LIFE AND CAREER CHARACTERISTICS

Integrity • Self-direction • Global perspective • Perseverance • Work ethic • Interpersonal skills

© SCASA Superintendents’ Roundtable
Codified by the South Carolina General Assembly in 2016
Adopted by: SC Arts Alliance, SC Arts in Basic Curriculum Steering Committee, SCASCD, SC Chamber of Commerce, SC Coalition for Math & Science, SC Commission on Higher Education, SC Council on Competitiveness, SC Education Oversight Committee, SC School Boards Association, SC State Board of Education, SC State Department of Education, TransformSC Schools and Districts



Promotion Standards	
Class	Credits Needed
Freshman	Successful Completion of 8 th Grade
Sophomore	5 Credits Total to include 1 English & 1 Math Credit
Junior	11 Credits Total to include 2 English & 2 Math Credits
Senior	17 Credits Total to include 3 English & 3 Math Credits

Graduation Requirements	
English	4 Credits
Math	4 Credits
Science	3 Credits
US History & Constitution	1 Credit
US Government	1/2 Credit
Economics	1/2 Credit
Other Social Studies	1 Credit
Physical Education or JROTC 1	1 Credit
Computer Science	1 Credit
World Language or Career & Technology Education (CATE)	1 Credit
Electives: This must include a 1/2 credit of Personal Health	7 Credits
Total	24 Credits

Student Records

By law, student records are private. They may be used by the school for the promotion of the student's welfare. Student records are not open to public inspection. Any member of the public or any public group desiring to inspect student records must obtain the written consent of the parents, legal guardians, and those students of legal age. Any questions concerning student's records should be addressed to the School Counseling Dept.

General Requirements for Admission into a SC Public College or University For College Freshmen Beginning in Academic Years 2019 & Beyond

- **FOUR UNITS OF ENGLISH:**

All four units must have strong reading (including works of fiction and non-fiction), writing, communicating, and researching components. It is strongly recommended that students take two units that are literature based, including American, British, and World Literature.

- **FOUR UNITS OF MATHEMATICS:**

These units must include Algebra I, Algebra II, and Geometry. A fourth higher-level mathematics unit should be taken before or during the senior year.

- **THREE UNITS OF LABORATORY SCIENCE:**

Two units must be taken in two different fields of the physical, earth, or life sciences and selected from among biology, chemistry, physics, or earth science. The third unit may be from the same field as one of the first two units (biology, chemistry, physics, or earth science) or from any laboratory science for which biology, chemistry, physics and/or earth science is a prerequisite. Courses in general or introductory science for which one of these four units is not a prerequisite will not meet this requirement. It's strongly recommended that students desiring to pursue careers in science, mathematics, engineering or technology take one course in all four fields: biology, chemistry, physics, and earth science.

- **TWO UNITS OF THE SAME WORLD LANGUAGE:**

Two units with a heavy emphasis on language acquisition.

- **THREE UNITS OF SOCIAL SCIENCE:**

One unit of U.S. History, a half unit of Economics, and a half unit of Government are required. World History or Geography is strongly recommended.

- **ONE UNIT OF FINE ARTS:**

One unit in appreciation of, history of, or performance in one of the fine arts. This unit should be selected from among media/digital arts, dance, music, theater, or visual and spatial arts.

- **ONE UNIT OF PHYSICAL EDUCATION OR ROTC:**

One unit of physical education to include one semester of personal fitness and another semester in lifetime fitness. Exemption applies to students enrolled in Junior ROTC and for students exempted because of physical disability or for religious reasons.

- **TWO UNITS OF ELECTIVES:**

Two units must be taken as electives. A college preparatory course in Computer Science (i.e., one involving significant programming content, not simply keyboarding or using applications) is strongly recommended for this elective. Other acceptable electives include college preparatory courses in English; fine arts; foreign languages; social science; humanities; mathematics; physical education; and laboratory science (courses for which biology, chemistry, physics, or earth science is a prerequisite).

Notes:

Foundations in Algebra and Intermediate Algebra may count together as a substitute for Algebra I if a student successfully completes Algebra II. No other courses may be substituted for the three required mathematics courses (Algebra I, Algebra II, and Geometry).
2. Each institution may make exceptions in admitting students who do not meet all of the prerequisites, limited to those individual cases in which the failure to meet one or more prerequisites is due to circumstances beyond the reasonable control of the student.
3. The College Preparatory Course Prerequisite Requirements are minimal requirements for four-year public college admission.
4. Students should prepare themselves for college-level work by enrolling in challenging high school courses, such as honors, Advanced Placement (AP), International Baccalaureate (IB), and dual enrollment courses.

Although school counselors are available for academic advising, students and their parents are responsible for making certain that the student's Individual Graduation Plan (IGP) meets the requirements of both a high school diploma and their college of choice.

SOUTH CAROLINA SCHOLARSHIPS & GRANTS

	Palmetto Fellows Scholarship	LIFE Scholarship	SC HOPE Scholarship	SC Needs-Based Grant	Lottery Tuition Assistance
Initial Eligibility Criteria	<p>Method 1: Students must have: 3.5 Cumulative GPA at the end of either the 11th or 12th grade year Minimum SAT Score of 1200 (EBRW & Math) or Composite ACT score of 27 Rank in the top 6% of the class at the end of either their 10th, 11th, or 12th, grade year.</p> <p>Method 2: Students must have: 4.0 Cumulative GPA at the end of either the 11th or 12th grade year Minimum SAT Score of 1400 (EBRW & Math) or Composite ACT score of 32</p>	<p>4-Year Institution Students must have 2 of the 3: 3.0 Cumulative GPA at the end of the 12th grade year Minimum SAT Score of 1100 (EBRW & Math) or Composite ACT score of 24 Rank in the top 30% of the class at by graduation.</p> <p>2-Year Institution 3.0 Cumulative GPA at the end of the 12th grade year Place into college level courses as determined by the college.</p>	<p>Students must have: 3.0 Cumulative GPA at the end of the 12th grade year</p> <p>No minimum test score and rank required</p> <p>Students cannot be a recipient of the Life, Palmetto Fellows, or Lottery Tuition Assistance</p>	<p>No Minimum GPA required.</p> <p>However, students must complete the Free Application for Federal Student Aid (FAFSA) which is available in October of each year at www.fafsa.ed.gov.</p> <p>Must be enrolled and attending or have completed at the time of the grant disbursement a minimum of six credit hours if part-time or twelve credit hours if full-time for the term and must meet all general eligibility criteria</p>	<p>No Minimum GPA required.</p> <p>However, students must complete the Free Application for Federal Student Aid (FAFSA) which is available in October of each year at www.fafsa.ed.gov.</p> <p>Students cannot be a recipient of the Life, Palmetto Fellows, or Hope Scholarships during the same academic year.</p>
Award Amount	<p>1st Year: Up to \$6700/year</p> <p>2nd Year & After: Up to \$7500/year</p> <p>w/Life Enhancement Grant: Up to \$10,000</p>	<p>4-Year: Up to \$5000/year</p> <p>2-Year: Up to the cost of tuition including a \$300 book allowance per year</p> <p>*w/Life Enhancement Grant: Up to \$7,500</p>	<p>Up to \$2800 including the book allowance for the first academic year toward the cost of attendance at an eligible four-year institution.</p>	<p>Up to \$2,500/year if enrolled full-time or up to \$1,250/year if enrolled part time.</p>	<p>Actual award amounts are dependent upon the number of students eligible and the amount of funding available each academic year.</p>
Renewal Criteria	<p>Earn at least a 3.0 LIFE GPA</p> <p>Earn at least 30 credit hours by the end of their first academic year.</p>	<p>Earn at least a 3.0 LIFE GPA</p> <p>Earn at least 30 credit hours by the end of their first academic year.</p>	<p>To receive the LIFE Scholarship in their second year students must:</p> <p>Earn at least a 3.0 LIFE GPA</p> <p>Earn at least 30 credit hours by the end of their first academic year.</p>		

For general eligibility requirements and more detailed information about these scholarships and grant program administered by the SC Commission on Higher Education, please visit their website at www.che.sc.gov or call 803-737-2260.

The State Board of Education has adopted a uniform grading scale for all public schools in South Carolina. The grading scale designates the point range for each letter grade, correlates grade points with numerical averages and gives weighted credit to Honors, Dual Credit and Advanced Placement courses. To the right is the Grade Point Conversion Table which became effective August 15, 2016. Prior to that, students were on a 7-pt grading scale. For more information please see the Uniform Grading Scale Policy found here: <https://ed.sc.gov/districts-schools/state-accountability/uniform-grading-policy/>

All report cards and transcripts will list numerical grades for courses carrying Carnegie units. Transcripts and report cards will show course title and level/type of course taken (i.e. English I College Prep.) When transcripts are received from out-of-state (or in-state from non-public schools) and letter grades are recorded, the following process will be used to transfer the grades into the student's record. Unless numerical averages are provided by the sending institution, the following conversion system will apply:

Grades earned prior to Aug. 2015 that were lower than 70 received from another school, but which are indicated as a passing grade from the sending institution, will be converted to a 73 numerical grade.

	7-pt Grading Scale (Courses completed prior)	10-pt Grading Scale (Courses completed after)
A	96	95
B	88	85
C	80	75
D	73	65
F	61	50

If the transcript shows that the student has earned a grade of P (passing) or F (failing), that grade will be converted to a numerical designation on the basis of information secured from the sending institution as to the appropriate numerical value of the “P” or the “F.”

If no numerical average can be obtained for the “P,” an earned credit will be awarded and follow UGP Administrative Procedures for entering a “P” on the transcript. If no numerical average can be obtained from the sending institution on the “F,” an “NP” will be entered on the transcript. (See Administrative Procedures for other transfer grade issues.)

South Carolina Uniform 10-pt Grading Scale				
Numerical Average	Letter Grade	College Prep	Honors	Dual Credit AP/IB
100	A	5.000	5.500	6.000
99	A	4.900	5.400	5.900
98	A	4.800	5.300	5.800
97	A	4.700	5.200	5.700
96	A	4.600	5.100	5.600
95	A	4.500	5.000	5.500
94	A	4.400	4.900	5.400
93	A	4.300	4.800	5.300
92	A	4.200	4.700	5.200
91	A	4.100	4.600	5.100
90	A	4.000	4.500	5.000
89	B	3.900	4.400	4.900
88	B	3.800	4.300	4.800
87	B	3.700	4.200	4.700
86	B	3.600	4.100	4.600
85	B	3.500	4.000	4.500
84	B	3.400	3.900	4.400
83	B	3.300	3.800	4.300
82	B	3.200	3.700	4.200
81	B	3.100	3.600	4.100
80	B	3.000	3.500	4.000
79	C	2.900	3.400	3.900
78	C	2.800	3.300	3.800
77	C	2.700	3.200	3.700
76	C	2.600	3.100	3.600
75	C	2.500	3.000	3.500
74	C	2.400	2.900	3.400
73	C	2.300	2.800	3.300
72	C	2.200	2.700	3.200
71	C	2.100	2.600	3.100
70	C	2.000	2.500	3.000
69	D	1.900	2.400	2.900
68	D	1.800	2.300	2.800
67	D	1.700	2.200	2.700
66	D	1.600	2.100	2.600
65	D	1.500	2.000	2.500
64	D	1.400	1.900	2.400
63	D	1.300	1.800	2.300
62	D	1.200	1.700	2.200
61	D	1.100	1.600	2.100
60	D	1.000	1.500	2.000
59	F	0.900	1.400	1.900
58	F	0.800	1.300	1.800
57	F	0.700	1.200	1.700
56	F	0.600	1.100	1.600
55	F	0.500	1.000	1.500
54	F	0.400	0.900	1.400
53	F	0.300	0.800	1.300
52	F	0.200	0.700	1.200
51	F	0.100	0.600	1.100
0-50	F	0.000	0.000	0.000
WF	F	0.000	0.000	0.000
WP	-	0.000	0.000	0.000
FA	F	0.000	0.000	0.000

Calculating the Grade Point Average (GPA)

Course Taken	Final Grade Earned	Letter Grade	Quality Points	Credit Value
English 1 CP	91	A	4.100	1
Algebra 1 CP	87	B	3.700	1
Personal Health	80	B	3.000	0.5
Earth Science CP	75	C	2.500	1
PE	93	A	4.300	1
French 1	88	B	3.800	1

Quality Points		Credit Value		GPA Pts Earned
4.100	✘	1	■	4.100
3.700	✘	1	■	3.700
3.000	✘	0.5	■	1.500
2.500	✘	1	■	2.500
4.300	✘	1	■	4.300
3.800	✘	1	■	3.800

Sum of Credits Attempted → 5.5 19.900 ← Sum of GPA Pts Earned

$$\text{GPA} = \frac{\text{Sum of GPA Points Earned}}{\text{Sum of Credits Attempted}} = \frac{19.900}{5.5} = 3.618$$

Withdrawing from a Course

With the first day of enrollment in the course as the baseline, students who withdraw from a course within three days in a 45 day course, five days in a 90 day course, or ten days in a 180 day course will do so without penalty.

The three-, five-, and ten-day limitations for withdrawing from a course without penalty do not apply to course or course-level changes approved by the administration of a school. Students who withdraw from a course with administrative approval will be given a WP for the course. Students who withdraw from a course after the specified time of three days for a 45 day course, five days in a 90 day course, or ten days in a 180 day course without administrative approval, shall be assigned a WF, and the F (as a 50) will be calculated in the student's overall grade point average. Withdrawal limitations for distance learning, dual credit, and virtual courses will be established by local districts in conjunction with partner institutions of higher education and VirtualSC enrollment and withdrawal deadlines.

Students who dropout of school or are expelled after the allowed period for withdrawal but before the end of the grading period will be assigned grades in accordance with the following policies:

- The student will receive a WP if he or she was passing the course. The grade of WP will carry no earned units of credit and no quality points to be factored into the student's GPA.
- The student will receive a WF if he or she was failing the course. The grade of WF will carry no earned units of credit but will be factored into the student's GPA as a 50.

Retaking a Course

Any student may retake a course at the same level of difficulty if the student has earned a D, P, NP, WP, FA, WF, or an F in that course. If the same level course is not accessible, the course may be retaken at a different level of rigor. A student who has taken a course for a unit of

high school credit prior to the ninth grade year may retake the course at the same difficulty level regardless of the grade he or she has earned. Retaking the course means that the student completes the entire course again (not a subset of the course such as through credit

or content recovery). If the course being retaken has an EOCEP, the EOCEP must be retaken. All course attempts from middle and high school will show on the transcript. Only one course attempt and the highest grade earned for the course will be calculated in the GPA. A student who retakes a high school credit course from middle school must complete it before the beginning of the second year of high school or before the next sequential course (whichever comes first). A student in grades nine through twelve must retake a course by the end of the next school year or before the next sequential course (whichever comes first). For all grade levels, all courses will remain on the transcript. However, only the highest grade will be used in figuring the student's GPA.

Excessive Absences & Attendance Recovery

If a student fails a course due to excessive absences and is unable to successfully make up the work, the school will record an FA on his/her transcript. The grade of FA will not carry Carnegie units but will be factored into the student's GPA as a 50.

In order to receive credit for a high school course, a student must attend 85 days (for a 90-day semester course) or 170 days (for a 180-day year long course). At the discretion of the school principal, students may be eligible to pay to make up missed days not to exceed four make up days per class. All make-up time and work must be completed within 30 days from the last day of the course(s). The board or its designee may extend the time for student's completion of the requirements due to extenuating circumstances as prescribed by state board of education guidelines.

Although absences may be lawful and not relative to truancy charges, all absences out of school are counted when considering the awarding of credit. Out of school suspension days, while lawful, count toward the denial of credit.

If a student has four or fewer absences to make up in a semester-length course, or eight or fewer absences in a year-long course, he/she may sign up for Attendance Recovery to make up the time to earn credit.

The cost is \$30 per block class per absence or \$15 per skinny class per absence.

Credit Recovery (Edgenuity or VirtualSC)

Credit recovery is defined as a course-specific, skill-based learning opportunity for students who have previously failed to master content or skills required to receive credit. Credit recovery refers to a block of instruction that is less than the entirety of the course. As such, credit recovery is not intended to impact either positively or negatively a student's GPA. Rather, it is intended to allow students an opportunity to master the content or skills they failed to master during the regular course. By successfully completing a credit recovery course, students will be awarded credit earned. Should a student wish to modify his/her GPA, he/she should repeat the full course for credit and not seek participation in the credit recovery program. **Please note that credit recovery is likely to affect eligibility for National Collegiate Athletic Association (NCAA) play. I should consult my school counselor and/or college compliance officer for more information.**

Eligibility

Students are eligible for a credit recovery course if they have previously taken and failed an initial credit course. Students must have obtained a grade from 50 - 59% in the initial credit course, or the student is not eligible for credit recovery and must retake the full course to receive credit. Students who have already received credit for a course are ineligible to participate in credit recovery to improve their final grade.

Students will be required to complete an application to request placement in a credit recovery course. Written consent of the student's parent/legal guardian must be obtained prior to enrollment. Students may take no more than two credit recovery courses at a time. There are no limits for the number of credit recovery courses that a student may take for the school year or over the course of grades 9-12.

Instruction and curriculum

The method of instruction for credit recovery courses may vary based upon district resources available, and includes, but is not limited to, use of an on-line or computer-based program, certified teacher in person or via distance learning, or blended learning. Individuals charged with facilitating credit recovery courses will receive training in online instructional management and related technology, when applicable.

Each credit recovery course will be based upon state curriculum standards and objectives for the corresponding subject and will be aligned across courses within the district. The standards and concepts to be addressed in credit recovery courses will be determined by the teacher who assigned the student the failing grade in the initial credit course, through a diagnostic tool utilized by the credit recovery course facilitator or software program, or through another diagnostic assessment offered by the district. Credit recovery course offerings may be limited by the availability of space, courses, facilitators, and appropriate computer-based content and/or due to budgetary constraints.

Grading

Students in grades 9 - 11 must complete credit recovery courses taken during semesters one or two within one academic school year. Graduating seniors must complete credit recovery courses prior to the graduation ceremony in order to participate in graduation. Summer graduates must complete credit recovery by August 15. Students enrolled in credit recovery courses during a summer session may extend past August 15, but the course credit will be recorded on the next academic year. Extenuating circumstances may be considered by the principal.

When a student has shown mastery of the credit recovery material, the student will receive credit for the course. Because end-of-course examinations focus on assessing a student's mastery of an entire course, and credit recovery only focuses on a portion of the course content, students will not be permitted to retake the exam.

If a student passes the credit recovery course with a 60 or higher, the student will receive a grade of "P". If a student fails the credit recovery course with a grade below a 60, the grade is entered as an "NP" and transcribed to the numerical grade value of "0" as indicated by the addition of "NP" to the grade scale chart. Thus, the credit recovery course does not impact the student's GPA. A student wishing to modify his or her GPA shall repeat the full course for credit and not seek a credit recovery solution.

Cost

A student's parent/legal guardian will be responsible for any and all costs associated with participation in credit recovery. A written application to participate in credit recovery must be completed with parent consent followed by school approval prior to student participation in credit recovery.

Auditing a Course

Under certain conditions, the district will allow a high school student to audit a course for no grade. The student must obtain permission before taking the class and must agree to follow all school and classroom attendance, behavior, participation, and course requirements. The course will be marked for "no credit" and "not included in GPA" at the student level.

Auditing may be allowed once the student has met graduation requirements in that content discipline and if space is available in the course. The course cannot be taken as a preview nor, once audited, can the course be taken for credit. Any prerequisites for the audited course must be met. Students who audit AP or IB courses will need to pay for the corresponding tests where applicable and the auditing of EOC courses will not be allowed. The same guidelines for dropping the audited course or adding it as a credit course will apply. The principal has discretion in cases of auditing in any other circumstances.

COURSE SELECTION & SCHEDULE CHANGES

Students and their parent(s)/guardian(s) will have one week to complete the course selection process from home via Parent Portal. After this designated week, students and their parent/guardian will meet individually with the student's school counselor and career specialist to complete the Individual Graduation Plan (IGP), review important grade specific information, and verify or select those courses needed for promotion and graduation. Details regarding the course selection process are sent via email. Please make sure to keep an updated email on file.

The courses students select will be the basis for the employment of teachers and the development of the master schedule for the upcoming school year. Course requests are based upon teacher recommendations, course history, graduation requirements, and student's post-secondary plans.

Once the course selection process is complete, course requests will be visible in Parent Portal. **Please note: COURSE REQUESTS ARE NOT A FINAL SCHEDULE!** Final schedules will be available online in August via Parent Portal and in print at orientation also in August. All courses described in this book may not be offered every year. Courses are scheduled based on student requests, class size, and scheduling feasibility.

Schedule changes will be limited. Any student wishing to make a revision in his/her schedule must do so during orientation prior to the start of school or within the allowed 5 or 10 day windows. ****Students who complete content credit recovery over the summer will automatically be enrolled in the next sequential course, if applicable, once final grades are posted. Students do not need to contact their School Counselor or make a schedule change request in this case. All changes should be made by the first day of school.**

Waiver (Override) Policy

Recommendations for the next course in a sequence will be made by the recommending teacher. A parent and student who wish to discuss the recommendation for reconsideration should request a conference with the Assistant Principal of Curriculum & Instruction, the counselor and the recommending teacher. A waiver form may be signed by the parent following the conference. Waivers will be granted only if space is available in the course.

Course Load

Rising freshman, sophomores and juniors must register for at least 7 credits each year. Rising seniors must be on campus for a minimum of four periods each semester. Early dismissal/late arrival are allowed for seniors only. All students are expected to take an English and a math course each year.

End of Course Assessments:

In courses requiring state end-of-course testing, the district will apply the mandatory 20 percent weighting of the end-of-course test to the student's final grade. The student will be allowed to take the examination only once, at the end of the regular course duration and not at the end of an extended period granted through the credit recovery option. The school will treat students who repeat the course as though they were taking the course for the first time and all requirements will apply.

Dual Credit Courses

To award dual credit, districts must develop detailed agreements with partner institutions of higher education (IHEs), whether two-year or four-year colleges or technical colleges, that clearly outline the specific courses and associated procedures allowed.

Students may not take college courses on their own time at an institution of higher education with the expectation that the course would be transcribed back to the high school transcript without first consulting the district to determine if the course is a part of the agreement between the high school and IHE. **Additionally, permission must be granted by the principal of the student's home high school prior to the student's enrollment in a dual credit course to earn both a unit for high school credit and college credit.**

One quality point will be added to the CP weighting for dual credit courses that are applicable to baccalaureate degrees, associate degrees, or certification programs that lead to an industry credential offered by accredited institutions. College remediation and orientation classes for dual credit will be weighted as CP. All dual credit courses earned in South Carolina should be transcribed with the 1.0 quality point weight when the student transfers to a new school. Dual credit courses earned out of state may or may not carry quality point weightings. When a student transfers, the weight applied at the sending institution according to the state's regulations will be applied to the student's transcript. The district will not change the weight of a dual credit course to match South Carolina's process.

In grading dual credit courses, if numerical averages are not provided on the student's transcript, the following conversion will apply: A = 95, B = 85, C = 75, D = 65, F = 50.

MAGNETS & SMALL LEARNING COMMUNITIES

Institute for Health Sciences Magnets

The Institute for Health Sciences at Ridge View High School is designed to provide learning opportunities and real world experiences in science related fields. The institute provides project based learning opportunities leading to real world understanding of science issues evolving in the century. Our mission is to engage students in a challenging and competitive educational environment through a comprehensive course of study focused in science, mathematics, technology, and other areas necessary for success in this century.

The Institute for Health Sciences offers two magnet programs: the *BioHealth Sciences Magnet* and the *Allied Health Sciences Magnet*. These two Richland District Two magnets are housed at Ridge View High School. Both programs require students to submit an online application at www.richland2.org. These highly selective magnet programs accept students based on the following criteria: application, teacher recommendations, middle school test scores, interview, writing sample, and mathematics assessment.

The *BioHealth Sciences Magnet (IBS)* program offers highly achieving honors students a dynamic and challenging curriculum. The magnet, based on the nationally recognized Project Lead the Way Biomedical Sciences program, uses real world experiences and hands on learning activities to prepare students for the 21st century. Students must have a strong work ethic to participate in this rigorous and comprehensive four- year program that includes honors and AP science and math courses. Students will deepen their academic development through experiential learning to create ethical professionals who lead through problem-solving, innovative thinking, and collaborative planning.

The *Allied Health Sciences Magnet (IAS)* program offers motivated college preparatory/honors students a four- year program that provides an innovative, diverse, and comprehensive curriculum that nurtures academic growth and enables them to reach their goals to become part of a professional community. Students will participate in experiential learning opportunities uniquely designed to foster a broader awareness of the demands of colleges, universities, and different professions.

BioHealth Sciences Course Schedule

<p>First Year English 1 Honors MAG or Advanced Composition Algebra 2 Honors MAG Biology Honors MAG <i>Principles of Biomedical Sciences IBS Honors</i> Human Geography Honors MAG PE / Health (Suggested to take On-Line) World Language Elective: AP Computer Science Principles or Fine Arts</p>	<p>Second Year English 2 Honors MAG Geometry Honors MAG or AP Statistics & Algebra 3 Honors MAG Chemistry Honors MAG <i>Human Body Systems IBS</i> Science Research Honors World Language Elective</p>
<p>Third Year English 3 Honors MAG or AP English Language Pre-Calculus Honors MAG Biology 2 H/AP Biology or AP Environmental <i>Medical Interventions IBS</i> US History Honors MAG or AP US History Elective</p>	<p>Fourth Year English 4 Honors MAG or AP Literature AP Calculus AB/BC or AP Stats Physics H /AP Physics or Chemistry 2 H/AP Chemistry <i>Biomedical Innovations IBS</i> US Gov't Honors or AP Government Economics Honors or AP Economics Electives</p>

BioHealth Sciences Magnet Graduation Requirements:

- All math and science courses must be completed at the honors level. A minimum of four Advanced Placement (AP) or University of South Carolina courses must be completed by graduation. The AP courses must consist of AP Biology, AP Chemistry, AP Environmental or AP Physics, one AP Math, and another AP course of your choice.
- Successful completion of all PLTW courses at the honors level.
- Conduct a research project and present results in oral and written form.
- Complete a summer internship in the student's area of interest.
- Actively participate in major field studies.
- Successfully complete an electronic portfolio of the student's work throughout this four-year program

Allied Health Sciences Course Schedule

<p><u>First Year</u> Algebra 1 MAG or Algebra 2 MAG Biology 1 MAG <i>Principles of Biomedical Sciences IAS</i> English 1 MAG or Honors MAG Human Geography MAG or Honors MAG Physical Education or Personal Health Health Science 1 Elective</p>	<p><u>Second Year</u> Geometry MAG Chemistry MAG <i>Human Body Systems IAS</i> English 2 MAG or Honors MAG World History MAG or Honors MAG Medical Terminology/ Sports Med 1 Electives</p>
<p><u>Third Year</u> Algebra 2 MAG or Algebra 3 MAG Physics MAG <i>Medical Interventions IAS</i> English 3 MAG or Honors MAG or AP Language US History Honors MAG or AP US History Health Science 2/ Sports Med 2 Electives</p>	<p><u>Fourth Year</u> Algebra 3 MAG or Pre-Calculus MAG AP Environmental Science <i>Biomedical Innovations IAS</i> English 4 MAG or Honors MAG or AP Literature Government MAG or Honors or AP Government Economics MAG or Honors or AP Economics Health Science Clinicals/CAN/ Electives</p>

Allied Health Sciences Magnet Graduation Requirements

- Successful completion of all PLTW courses at the honors or college preparatory level.
- Conduct a research project and present results in oral and written form.
- Complete a summer internship in the student’s area of interest.
- Actively participate in at least two major field studies.

**These tables represent the courses that magnet students will take during this four-year program and the options of Advanced Placement (AP) courses. It does not represent the periods or sequence.*

Institute for Health Science Magnet Required Courses

Students in this magnet take the following courses as required by the program in addition to other academic courses needed for promotion and graduation.

FIRST YEAR COURSES

ENGLISH 1 HONORS MAG
Grade: 9

30240ZHW
Credit: 1

The course is designed for highly motivated, exceptionally talented language arts students who enjoy reading and who are willing to put extra time and effort into their studies. Through the reading and discussion of literary and informational texts as well as through instruction and practice in expository, literary/analytical, persuasive, research and creative writing, the student will continue to develop high level skills in thinking and communication. This course is for self-motivated students whose past achievements and interests in English indicate they will be able to meet the requirements of the course successfully. A state mandated End-of-Course Test must be given to every student enrolled in this course, and the score will count 20% of the final grade.

ADVANCED ENGLISH COMPOSITION

Grade: 9, 10, 11, 12
Credit: 1
 Course content emphasizes study of scholarly prose and writing processes, including literary analysis, style analysis, as well as argumentative, comparative, and narrative writing. A special emphasis is placed on student adeptness in composing clear, cohesive, and coherent prose with a consistent focus on purpose and audience. Students develop their identities as

writers, learn to locate and use research materials, use model tests, cite properly, compose and proofread drafts, use feedback, critique, and revise and edit writing. Prerequisite(s): Successful completion of English 1 Honors.

ALGEBRA 2 HONORS MAG
Grade: 9

41150ZHW
Credit: 1

Emphasis is placed on critical and analytical thinking, rational decision-making, and inductive and deductive reasoning of the mathematics.

BIOLOGY 1 HONORS MAG
Grade: 9

32210ZHW
Credit: 1

This course is an accelerated, comprehensive, investigation-oriented introduction to biology, stressing the development and organization of living forms and life processes and interactions of life in the natural world. Student-driven design and experimentation will be incorporated throughout the course. Students will be expected to submit projects incorporating current biological and biotechnological principles to enhance their mastery of the content. A state mandated End of Course Test must be given to every student enrolled in this course and will count 20 % of the final grade.

REQUIRED BIOHEALTH COURSES

FIRST YEAR COURSES

HUMAN GEO HONORS MAG **33100ZHW**
Grade: 9 **Credit: 1**
 Human Geography focuses on the patterns and spatial aspects of populations, culture, urban growth and decline, the spread of ideas and innovations, regional development, and the location of economic activity, as well as problems associated with these processes. This course does not utilize tests or textbooks often and will instead use current events, lecture, and student-produced work to show understanding of several subfields of study, including population, urban, economic, cultural, and political geography, as well as fundamental geographic concepts. Although not a prerequisite, this course prepares students for AP Human Geography.

PRINCIPLES OF BIOMED IBS **558000HW**
Grade: 9 **Credit: 1**
 This introductory course to the Project Lead the Way Biomedical Sciences program serves to provide foundational knowledge and skills in fields such as biology, anatomy and physiology, genetics, microbiology, and epidemiology, as well as engage students in how they can apply this content to real-world situations, cases, and problems such as solving a medical mystery case, diagnosing and treating a patient, or responding to a medical outbreak.

ALGEBRA 3 HONORS MAG **41130ZHW**
Grade: 11, 12 **Credit: 1**
 This course is designed primarily for students who plan to major in mathematics, science, or a related field who are talented in mathematics. This course expands on topics of Algebra 2 Honors and introduces topics of Pre-Calculus Honors. Key concepts of this course include: matrix algebra and systems of equations, functions and their inverses, polynomial functions and inequalities, rational functions and inequalities, exponential and logarithmic functions, conic sections, foundations of trigonometry, and sine and cosine graphs.

CHEM 1 HONORS MAG **32310ZHW**
Grade: 10 **Credit: 1**
 This rigorous and thorough course prepares the student for any next step in chemistry, either Chem II/AP or the first college course by a grounding in chemical principles, beginning with fundamentals of measurements and atoms and carrying through an introduction to organic, the behavior of gases, and extensive studies of chemistry in solutions including behavior of acids and bases. This course includes an extensive set of laboratory experiences increasing engagement and making the theory real through application of the principles studied. Students contemplating careers in science and comfortable with their skills in math should take this course.

SCIENCE RESEARCH HONORS **32992ZHW**
Grade: 10 **Credit: 1**
 This course will provide a comprehensive introduction to quantitative research methods in science. A hands-on inquiry approach will be used to help students develop skills in problem-solving, experimental design, laboratory techniques, statistical analysis, and primary literature review. This course also emphasizes written and oral communication and collaboration skills. Students will be expected to develop an independent study topic and formulate a research question with appropriate methodology. The course will culminate in the production of a formal research paper and presentation.

ENGLISH 2 HONORS MAG **30250ZHW**
Grade: 10 **Credit: 1**
 This course requires students to focus on expository, literary/analytical, persuasive, research and creative writing skills through a study of world literature. The course is designed for the highly motivated, exceptionally talented language arts student who enjoys reading and who is planning to attend post-secondary studies.

GEOMETRY HONORS MAG **41220HZW**
Grade: 10 **Credit: 1**
 This is an accelerated college-preparatory course is designed primarily for students who plan to major in mathematics or science, a related field in college or who are talented in mathematics. This geometry course includes the study of plane and solid geometry as well as the study of deductive proofs. Topics include basic geometric figures; properties of triangles; properties of quadrilaterals and other polygons; properties of circles, lines, and special segments intersecting circles; transformations; coordinate geometry; vectors; surface area and volume of three-dimensional objects. Emphasis is placed on critical and analytical thinking, rational decision-making, and inductive and deductive reasoning. **Students who have already taken Geometry Honors should register for AP Statistics.**

HUMAN BODY SYSTEMS IBS **558100HW**
Grade: 10 **Credit: 1**
 Students examine the interactions of body systems as they explore identity, communication, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal manikin, work through interesting real world cases and often play the role of biomedical professionals to solve medical mysteries.

SECOND YEAR COURSES

THIRD YEAR COURSES

ENGLISH 3 HONORS MAG

Grade: 11

This Honors course for the English 3 level is designed for the motivated language arts student who enjoys reading and is willing to put extra time and effort into English studies. The student must be able to work independently and demonstrate above-average grade level proficiency in writing. This course concentrates on developing the student's ability to study and read literature critically through the major themes and writers of American literature from the 1600s to the present. Expository, literary/analytical, Persuasive, research and creative writing will be required. Enrollment in this class requires selected reading and assignments during the summer that is separate from the school wide summer reading. See the English section of this guide for specifics. **Students may take AP English Language in place of this course with the recommendation of their English teacher**

30260ZHW

Credit: 1

BIOLOGY 2 HONORS & AP BIOLOGY

Grade: 11

This college level course is designed to prepare students for the Advanced Placement Test in Biology given in May by College Board. This course will focus on student-driven learning, design, and experimentation to allow for the student to perform at an equivalent college level. Most colleges and universities give degree credit for satisfactory performance on this test. Interested students must have completed Biology 2 Honors and Chemistry 1CP before considering this course. Honors chemistry must be taken simultaneously. *Please note: Students who register for the course, but fail to take the exam will be required to reimburse RVHS the cost of the exam (approx. \$90).*

322200HW

327200AW

Credit: 1

PRE-CALCULUS HONORS MAG

Grade: 11, 12

This is an accelerated college preparatory course, open to students in the Institute for Health and Science, designed to offer students a foundation for Advanced Placement Calculus. Key concepts in this course include: functions and their graphs, polynomial and rational functions, exponential, logarithmic, and logistic growth functions, foundations of trigonometric functions, trigonometric graphs and periodic phenomena, analytical trigonometry: identities and equations, conic sections, parametric equations, polar coordinates and curves, and vector and complex number quantities.

41310ZHW

Credit: 1

US HISTORY HONORS MAG

Grade: 11

This course is a rigorous, honors-level class designed specifically for exceptionally talented, college-bound students. In studying the history of the United States, this course will utilize both primary and secondary sources to enhance students' critical thinking, analytical, research, and presentation skills, with the overall goal of promoting good citizenship. The course will begin with the colonization of North America in the seventeenth century and will explore the economic, political, social, intellectual, and cultural aspects of nation development through the twenty-first century. Every student enrolled in this course must take a state mandated end-of-course exam which will count as 20% of the students' final grade. **Students may take AP**

33200ZHW

Credit: 1

US History in place of this course with the recommendation of their Social Studies teacher.

MEDICAL INTERVENTIONS IBS

Grade: 11

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

558200HW

Credit: 1

FOURTH YEAR COURSES

ENGLISH 4 HONORS MAG

Grade: 11

Students will be expected to apply the principles of good critical reading and writing to the study of British Literature. The course continues the refinement of the writing process, specifically, expository, literary/analytical, persuasive, research and creative writing. **Students may take AP English Literature in place of this course with the recommendation of their English teacher**

302700ZHW

Credit: 1

PHYSICS H/ AP PHYSICS I

Grade: 12

The topics to be covered in AP Physics I in a quantitative manner are mechanics, electromagnetics, and waves. All students who are enrolled in this program will be required to take the Advanced Placement Examination.

328200AW

Credit: 1

Please note: Students who register for the course, but fail to take the exam will be required to reimburse RVHS the cost of the exam (approx. \$90).

CHEMISTRY 2 H/ AP CHEMISTRY

Grade: 12

This college level course is designed to prepare students for the Advanced Placement Test in Chemistry given in May by College Board. Most colleges and universities give degree credit for satisfactory performance on this test. The Advanced Placement program is offered as a service to students; therefore, all students who are enrolled in this program will be required to take the Advanced Placement Examination. **Prerequisite(s): Chemistry 2 Honors in the same year.**

327300AW

Credit: 1

Please note: Students who register for the course, but fail to take the exam will be required to reimburse RVHS the cost of the exam (approx. \$90).

BIOMEDICAL INNOVATIONS IBS

Grade: 12

In this capstone course, students apply their knowledge and skills to answer questions or solve problems related to the biomedical sciences. Students design innovative solutions for the health challenges of the 21st century as they work through progressively challenging open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering, and public health. They have the opportunity to work on an independent project and may work with a mentor or advisor from a university, hospital, physician's office, or industry. Throughout the course, students are expected to present their work to an adult audience that may include representatives from local business and healthcare community.

558300HW

Credit: 1

FIRST YEAR COURSES

ENGLISH 1 MAG **30240ZCW**
Grade: 9 **Credit: 1**
 This CP level course is open to students in the Institute for Health Sciences. Through the reading and discussion of literary and informational texts as well as through instruction and practice in expository, literary/analytical, persuasive, research and creative writing, the student will continue to develop high level skills in thinking and communication. This course is designed for students who are self-motivated and able to work to a high standard at a quick pace. A state mandated End-of-Course Test must be given to every student enrolled in this course, and the score will count 20% of the final grade.

ALGEBRA 1 MAG **41140ZCW**
Grade: 9 **Credit: 1**
 Algebra 1 is a college preparatory course designed to prepare students for abstract algebraic thinking required in more advanced math courses. Key concepts in this course include: linear functions, systems of linear equations, quadratic functions/ equations, square roots, factoring techniques, polynomials arithmetic, rational expressions, and exponential growth/decay applications. A graphing calculator is required for this course. Each student will take the South Carolina Algebra 1 End of Course Exam at the end of this course, and the score will count 20 % of the final grade. **Students who have already taken Algebra 1 CP in middle school will take Algebra 2 MAG.**

BIOLOGY 1 MAG **32210ZCW**
Grade: 10 **Credit: 1**
 This course is designed for students enrolled in the Institute for Health Sciences. Students taking this course will receive a comprehensive study of fundamental concepts of biological sciences. Students will study and expand upon all of the units taught in Biology 1 CP. Various lab experiences will reinforce the content of these concepts. A state mandated End of Course Test must be given to every student enrolled in this course and will count 20 % of the final grade.

PRINCIPLES OF BIOMED IAS **55800CW**
Grade: 9 **Credit: 1**
 This introductory course to the Project Lead the Way Biomedical Sciences program serves to provide foundational knowledge and skills in fields such as biology, anatomy and physiology, genetics, microbiology, and epidemiology, as well as engage students in how they can apply this content to real-world situations, cases, and problems such as solving a medical mystery case, diagnosing and treating a patient, or responding to a medical outbreak.

ENGLISH 2 MAG **30250ZCW**
Grade: 10 **Credit: 1**
 This CP level course is open to students in The Institute for Health Sciences. Through the reading and discussion of literary and informational texts related to world literature, as well as through instruction and practice in expository, literary/analytical, persuasive, research and creative writing, the student will continue to develop high level skills in thinking and communication.

SECOND YEAR COURSES

GEOMETRY MAG **41220ZCW**
Grade: 10 **Credit: 1**
 This college preparatory course includes the study of plane and solid geometry as well as the study of deductive proofs. Topics include basic geometric figures; properties of triangles; properties of quadrilaterals and other polygons; properties of circles, lines, and special segments intersecting circles; transformations; coordinate geometry; vectors; surface area and volume of three-dimensional objects. The semester (block) class is recommended for students with a credit in Algebra 1 CP. The year-long class is recommended for students with a credit for Intermediate Algebra.

CHEMISTRY 1 MAG **32310ZCW**
Grade: 11 **Credit: 1**
 This course is designed for college-bound students with both technical and liberal arts interests. The teaching of traditional chemistry topics revolves around chemistry related issues currently confronting our society and the world. Laboratory exercises are an integral part of the course. They are used as a vehicle for understanding the chemical concepts important to a rigorous chemistry course.

HUMAN BODY SYSTEMS IAS **558100CW**
Grade: 10 **Credit: 1**
 Students examine the interactions of body systems as they explore identity, communication, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal manikin, work through interesting real world cases and often play the role of biomedical professionals to solve medical mysteries.

THIRD YEAR COURSES

ENGLISH 3 MAG **30260ZCW**
Grade: 11 **Credit: 1**
Students will be expected to apply the principles of good critical reading and writing to the study of American Literature. This course concentrates on developing the student's ability to study and read literature critically through the major themes and writers of American literature from the 1600s to the present. Expository, literary/analytical, persuasive research and creative writing will be required.

ALGEBRA 2 MAG **41150ZCW**
Grade: 11 **Credit: 1**
This course is for Allied Health Students who have taken Algebra 1 CP in middle school. This college preparatory course contains an in-depth study of functions, patterns, relations, and concepts of the complex number systems. Key concepts in this course include: linear, quadratic, exponential, absolute value, radical, and rational functions. **Students who have already taken Algebra 2 MAG will take Algebra 3 MAG**

PHYSICS MAG **32410ZCW**
Grade: 11 **Credit: 1**
This course stresses the basic concepts of physics. Topics presented include mechanics, light, thermodynamics, electromagnetics, and selected topics from modern physics. Students applying to a four year college or university are strongly recommended to take this course.

US HISTORY HONORS MAG **33200ZHW**
Grade: 11 **Credit: 1**
This course is a rigorous, honors-level class designed specifically for exceptionally talented, college-bound students. In studying the history of the United States, this course will utilize both primary and secondary sources to enhance students' critical thinking, analytical, research, and presentation skills, with the overall goal of promoting good citizenship. The course will begin with the colonization of North America in the seventeenth century and will explore the economic, political, social, intellectual, and cultural aspects of nation development through the twenty-first century. Every student enrolled in this course must take a state mandated end-of-course exam which will count as 20% of the students' final grade. **Students may take AP US History in place of this course with the recommendation of their Social Studies Teacher.**

MEDICAL INTERVENTIONS IAS **558200CW**
Grade: 11 **Credit: 1**
Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

FOURTH YEAR COURSES

ENGLISH 4 MAG **30270ZCW**
Grade: 12 **Credit: 1**
Students will be expected to apply the principles of critical reading and writing to the study of British Literature. The course continues the refinement of the writing process, specifically, expository, literary/analytical, persuasive, research and creative writing.

ALGEBRA 3 MAG **411300ZCW**
Grade: 12 **Credit: 1**
This course expands on topics of Algebra and introduces topics of Pre-Calculus. Key concepts of this course include: matrix algebra and systems of equations, functions and their inverses, polynomial functions and inequalities, rational functions and inequalities, exponential and logarithmic functions, conic sections, foundations of trigonometry, and sine and cosine graphs.

PRE-CALCULUS MAG **41310ZCW**
Grade: 12 **Credit: 1**
This is a college preparatory course designed to give students a foundation for college calculus but does not provide a strong enough foundation for Advanced Placement Calculus. Key concepts in this course include: functions and their graphs, polynomial and rational functions, exponential, logarithmic, and logistic growth functions, foundations of trigonometric functions, trigonometric graphs and periodic phenomena, analytical trigonometry: identities and equations, conic sections, parametric equations, polar coordinates and curves, and vector and complex number quantities.

AP ENVIRONMENTAL SCIENCE **327700AW**
Grade: 12 **Credit: 1**
The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them

BIOMEDICAL INNOVATIONS IAS **558300HW**
Grade: 12 **Credit: 1**
In this capstone course, students apply their knowledge and skills to answer questions or solve problems related to the biomedical sciences. Students design innovative solutions for the health challenges of the 21st century as they work through progressively challenging open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering, and public health. They have the opportunity to work on an independent project and may work with a mentor or advisor from a university, hospital, physician's office, or industry. Throughout the course, students are expected to present their work to an adult audience that may include representatives from local business and healthcare community.

Scholars Academy Magnet for Business and Law

The Ridge View Scholars Academy Magnet for Business and Law is an energetic learning community of highly motivated students committed to achieving the goals of a challenging academic curriculum focused on Law or and Business through a four-year Honors/AP track. We offer broad exposure to the student's chosen magnet strand through an in-depth study of various topics and engagement in problem-based learning that extend students' understanding of legal, finance and business issues and concepts in the 21st century. Through an enriched personalized program of interdisciplinary study, students develop a better understanding of their field of study and are better prepared to serve the community. This magnet provides an enriched personalized course of study with a focus on the Humanities in an effort to prepare students to be well-rounded candidates for the most selective colleges and universities. Scholars Academy graduates become citizens, scholars, and practitioners who use research and interdisciplinary perspectives to work with others as team members and leaders to anticipate, analyze, and address contemporary societal problems. Graduates pursue studies in a wide variety of fields including health, business, technology, design, policy, law, public service, and research. Honors and Advanced Placement courses are offered in all academic areas, with specialized opportunities in English and Social Studies. Program participants explore Honors/AP level courses in literature and history with Honors/AP level options in drama, dance, art, world language, music, science, and mathematics courses. Successful graduates of the Scholars Academy program will develop critical thinking skills needed to participate in 21st century job opportunities, apply multi-disciplinary perspectives, innovate in research, design and practice, write, speak and use visual communication effectively, work efficiently with others, display a commitment to ethical principles, and direct their own learning as evidence in the completion of a College Board certified Capstone Research project in the senior year. A twenty hour internship and ongoing community service allows the students to take these skills and apply them in real-world situations, further developing their understanding of what it takes to be successful in today's competitive markets.

Graduation Requirements

- The Scholars Academy Magnet for Business and Law focuses on the Humanities and Liberal Arts. The following Advanced Placement (AP) courses must be completed by graduation: AP US History, AP Language, AP Literature and AP Government.
- Students must actively participate in at least two major field studies during the four years complete a total of 40 community service hours.
- Attend eight approved cultural events and complete a 20 hour internships.
- In addition, students must successfully complete and present the Scholars Capstone Research Paper in the senior year.

Scholars Academy Magnet for Business & Law Sequence of Classes

<p><u>First Year</u> English 1 Honors MAG Advanced Rhetoric & Composition AP Human Geography <i>Global Issues Seminar Honors</i> Algebra 2 CP or Honors Biology 1 CP or Honors Health (Suggested to take On-Line) PE World Language 1 or 2 Elective: Fine Arts</p>	<p><u>Second Year</u> English 2 Honors MAG (Early Bird) AP World History <i>Research Seminar Honors</i> Geometry CP or Honors or Algebra 3 CP or Honors Chemistry 1 CP or Honors Focus Area Elective: Business or Law World Language 2 or 3 AP Art History</p>
<p><u>Third Year</u> AP English Language AP US History <i>AP Seminar</i> AP Environmental Science Optional: AP Psychology Algebra 3 CP or Honors or Pre-Cal CP or Honors Bio 2 H/AP Biology or Chem 2 H/AP Chemistry Focus Area Elective: Business or Law Optional: World Language 3</p>	<p><u>Fourth Year</u> AP English Literature AP U.S. Government Economic Honors or AP Economics <i>AP Research (Capstone Project)</i> Statistics CP or AP Statistics or AP Calculus AB/BC Physics CP or AP Physics 1 AP World Language or Elective</p>

Scholars Academy students explore humanities paths and have started pursuing careers in the following professions:

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|---|---|---|
| <ul style="list-style-type: none"> • Lawyer • Psychologist • Interior Designer • Graphic Designer • Forensics Analyst • Public Relations Specialist • Nutritionist | <ul style="list-style-type: none"> • Counselor • Educator • Journalist • Advertising and Account Manager • Human Resource Specialist • Technical Writer • Editor | <ul style="list-style-type: none"> • Accountant • Planning Engineer • Military Officer • Computer Engineer • Computer Science Programmer |
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Scholars Academy Magnet for Business and Law Required Courses

FIRST YEAR COURSES

ENGLISH 1 HONORS MAG **30240ZHW**
Grade: 9 **Credit: 1**

The course is designed for highly motivated, exceptionally talented language arts students who enjoy reading and who are willing to put extra time and effort into their studies. Through the reading and discussion of literary and informational texts as well as through instruction and practice in expository, literary/analytical, persuasive, research and creative writing, the student will continue to develop high level skills in thinking and communication. This course is for self-motivated students whose past achievements and interests in English indicate they will be able to meet the requirements of the course successfully. A state mandated End-of-Course Test must be given to every student enrolled in this course, and the score will count 20% of the final grade.

AP HUMAN GEOGRAPHY **337900AW**
Grade: 9 **Credit: 1**

The purpose of AP Human Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice.

Please note: Students who register for the course, but fail to take the exam will be required to reimburse RVHS the cost of the exam (approx. \$90).

GLOBAL ISSUES SEMINAR H **339964HH**
Grade: 9 **Credit: 1**

This course introduces Scholars Academy Magnet students to many of the global issues we face as citizens of an increasingly connected world and the different patterns and ideas that help explain how the international system operates. Lecture, discussion, reading and writing assignments will encourage critical thinking about many of the political, social, economic, and security issues that face us as both American citizens and members of the international community. Admission into the Scholars Academy Magnet program is a prerequisite

SECOND YEAR COURSES

ENGLISH 2 HONORS MAG **30250ZHW**
Grade: 10 **Credit: 1**

This honors level course requires students to focus on expository, literary/analytical, persuasive, research and creative writing skills through a study of world literature. The course is designed for the highly motivated, exceptionally talented language arts student who enjoys reading and who is willing to put extra time and effort into his or her studies.

AP WORLD HISTORY **337700AW**
Grade: 10 **Credit: 1**

AP World History is a rigorous, college-level course designed to explore human history. To this end, the course devotes considerable amount of time to the critical evaluation of primary and secondary sources. A special emphasis will be given to the preparation for the National AP Exam, including historical writing through essay and document-based questions (DBQ) as well as objective evaluations. Students will have required reading to complete before the course begins.

RESEARCH SEMINAR HONORS **309942HH**
Grade: 10 **Credit: 1**

In order to demonstrate competency as researchers, Scholars students will demonstrate their ability to apply methods, data sets, and theories they learn about to an empirical research problem/question through qualitative and quantitative methods. Admission into the Scholars Academy Magnet program and C or higher in English I Honors (Scholars) are prerequisites.

AP ART HISTORY **357100AW**
Grade: 10, 11, 12 **Credit: 1**

The AP Art History course is designed to provide the same instruction and benefits of an introductory college art history course to high school students. In the course students gather understanding and knowledge of architecture, sculpture, painting, photography, and other art forms within diverse historical and cultural contexts. Students will also learn to view works of art with sensitivity, intelligence, and with a critical eye. Many colleges and universities offer advanced placement credit to students who have performed successfully on the AP Art History Examination.

CHOOSE ONE:

After the first year, students are required to choose one elective in their focus area each year from the following:

<u>BUSINESS FOCUS</u>	
Accounting 1	Image Editing 1
Advertising	Image Editing 2
Computer Programming at R2i2	Integrated Business Apps
Corporate Finance at R2i2	Managerial Accounting at R2i2
Digital Desktop Publishing	Marketing
Digital Multimedia	Marketing & Social Media at R2i2
Entrepreneurship	*BUS 121: Business Law 1 at R2i2
<u>LAW FOCUS</u>	
Forensics	*PSY 201: Intro to Psychology
Law Education 1	*Bus 121: Business Law at R2i2
Law Education 2	*CRJ 101: Intro to Criminal Justice at R2i2
Sociology CP	*SPC 205: Public Speaking at R2i2
*SOC 101: Intro to Sociology	

THIRD YEAR COURSES

AP LANGUAGE & COMPOSITION 307100AW

Grade: 11

Credit: 1

This Advanced Placement Course for the English 3 level is designed for the highly motivated language arts student who enjoys reading literary texts and is willing to put extra time and effort into English studies. The student must be able to work independently and demonstrate above-average grade-level proficiency in writing. The AP English Language and Composition course is designed to help students become thoughtful readers and writers with a deep understanding of rhetoric and argumentation. Through their writing and reading in this course, students should become aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effective writing. Enrollment in this class requires selected reading and assignments during the summer.

AP US HISTORY

337200AW

Grade: 11

Credit: 1

This course is recommended for highly motivated, college-bound students who have demonstrated a previous record of excellence in both English and Social Studies courses. It is designed to prepare students for the College Board Advanced Placement Examination through which the student may earn college credit. Extensive reading is required, and primary and secondary sources will be utilized to provide students with a more in-depth understanding of United States History. Every student enrolled in this course must take a state mandated end-of-course exam which will count as 20% of the students' final grade

AP PSYCHOLOGY

437100AW

Grade: 11, 12

Credit: 1

This course is recommended for college-bound students who have demonstrated a previous record of excellence in English and social studies courses. It is designed to prepare students for the College Board Advanced Placement Examination in which they may earn college credit. The AP Psychology course is intended to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. All students who are enrolled in this course are required to take the Advanced Placement Examination.

AP SEMINAR

373000AW

Grade: 11

Credit: 1

This course is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and

precision in order to craft and communicate evidence-based arguments. Admission into the Scholars Academy Magnet program and completion of Scholars Research Seminar.

Please note: Students who register for AP Courses, but fail to take the exam will be required to reimburse RVHS the cost of the exam (approx. \$90).

FOURTH YEAR COURSES

AP ENGLISH LITERATURE

307000AW

Grade: 12

Credit: 1

This Advanced Placement class, which can earn you college credit, is the English 4 equivalent for students who are highly motivated to read and write on a critical and analytical level. Enrollment in this class requires selected reading and assignments during the summer.

AP US GOVT. & POLITICS

337300AW

Grade: 12

Credit: 1

This course is recommended for college-bound students who have demonstrated a previous record of excellence in English and social studies courses and are interested in government and politics. It will prepare students for the Advanced Placement Examination in which they may earn college credit. It is designed to give students a critical perspective on politics and government in the United States.

AP RESEARCH (CAPSTONE)

373100AW

Grade: 12

Credit: 1

This is the second course in the AP Capstone experience. This course allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of approximately 4,000–5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense. Admission into the Scholars Academy Magnet program and successful completion of Scholars Research Seminar I and passage of the AP Seminar exam with a 3 or higher are prerequisites.

Please note: Students who register for AP Courses, but fail to take the exam will be required to reimburse RVHS the cost of the exam (approx. \$90).



We are Ridge View Arts Innovation for Medical Sciences!

Ridge View High School is the home of AiMS - Arts Innovation for Medical Sciences a full school magnet funded by a Magnet Schools Assistance Program grant through the United States Department of Education. With this grant funding, RV has transformed the curriculum where all students are immersed in AVID best teaching strategies and STEAMM integration, where learning is authentic, collaborative, and engaging.

Ridge View is the only high school in the STEAMM Med Pro 21 school continuum. At RV AiMS, STEAMM (science, technology, engineering, arts, math, and medical) provides access points into all content areas and academic standards. Students practice 21st Century Skills including collaboration, creativity, communication, and critical thinking, all of which align with the Profile of the South Carolina Graduate.

We dive into learning with confidence thanks to the school's college and career readiness culture. In addition to the school's STEAMM magnet, Ridge View is the home of four different themed based smaller learning communities and three themed based district magnets and has the only AVID Early College site in the district.

Ridge View students and teachers learn and utilize AVID best teaching strategies to improve their academic and personal goals. Every student creates an eBinder during their 9th-grade year that they will utilize throughout high school as a way to organize and recollect their learning. They will create ePortfolios during their 12th-grade year to highlight their high school experience. This will make every student who graduates marketable for their future.

When students enroll in a STEAMM Med Pro 21 school they enter into a path of excellence which includes: hands-on curriculum, 21st-century skills, community partnerships, exposure to medical-based careers, and a clear pathway to college and careers.



Advancement Via Individual Determination (AVID)

AVID comes from the Latin root *avidus*, meaning –eager for knowledge. The name is aptly chosen, for it is a college preparatory program for students whose grades do not reflect their ability level. AVID is *not* a remedial program since it requires all students to be enrolled in college preparatory courses starting their freshman year and to have taken at least one Honors, Advanced Placement, or dual-credit course by graduation. AVID has been shown to improve daily attendance and graduation rates in secondary schools. The mission of AVID is to close the achievement gap by preparing all student for college readiness and success in a global society.

At Ridge View High School, students in AVID will take the AVID Elective class each year. This course creates a smaller learning community for this group of students and enables AVID teachers the opportunity to really get to know these students and monitor their progress. In the AVID Elective class , students learn organizational and study skills, work on critical thinking and asking probing questions, get academic help from peers and college tutors, and participate in enrichment and motivational activities that make college seem attainable. AVID students must earn at least a grade of 70 (C) in all of their courses for each grading period. If they are unable to maintain at least a C average, they will be considered on academic probation. As a condition of that probation, students are responsible for attending tutoring for a minimum of one hour per week for each class in which they did not meet the requirement. The probation period will continue until the next satisfactory report card.

AVID is designed to assist students in meeting the challenges of a rigorous high school curriculum. Students who are identified for AVID are perceived to have high potential despite average grades. AVID places students in rigorous college preparatory classes and then supports them to be successful in those classes and in planning for college. The AVID class operates as an elective in the student’s daily schedule. AVID provides intensive support to students through study skills, college student mentor-tutors, test preparation, college information, family involvement and motivational activities. All students are required to participate in extra-curricular activities, engage in community service, and attend two (2) events held at RVHS. Students must apply, interview, and be accepted into the AVID elective.

AVID 1

Grade: 9

Is an elective class for students who are college bound and are in their first year of AVID. While concurrently enrolled in a college-prep course of study, students learn strategies to enhance success. To ensure success in college-prep course work, students work individually as well as in tutor-led collaborative groups. Focused note taking, writing, speaking, reading, test-taking strategies and self-awareness are stressed. In addition, the course includes career and college motivational activities. The AVID Curriculum focuses on writing, inquiry, collaboration and reading (WICOR) through the AVID High School Libraries in both teacher- and tutor-led activities. Students will develop a four year plan for success in high school. Various college trips and special AVID Days will be scheduled throughout the year.

379990CW

Credit: 1

AVID 2

Grade: 10

Is for students who are in their second year of AVID. It will stress vocabulary, in-depth reading, and writing skills. Students will begin the exploration of colleges and the requirements necessary for entrance to college. Students at this level will be required to enroll in at least one Honors course. Various college trips and special AVID Days will be scheduled throughout the year.

379991CW

Credit: 1

AVID 3

Grade: 11

This course emphasizes all AVID methodologies used in the previous two years. This course will assist students’ search for potential colleges, and students will complete college and scholarship applications. College essay writing and in-depth problem solving will be emphasized. Students at this level will be required to enroll in at least one Honors Course, one dual credit course, or one Advanced Placement course. Field trips to explore careers and colleges will be planned. All AVID 3 students will be expected to register for the Preliminary SAT (PSAT) offered in October. There is a fee of \$15.00 that should be paid to the AVID teacher by the end of September. As part of a state wide initiative, all third year students will take both the ACT and the ACT WorkKeys Exams for free in the spring. Students will also be encouraged to take at least one SAT exam in the spring. SAT/ ACT test preparation will be employed to increase students’ awareness and skills for these college-entrance examinations. Various college trips and special AVID Days will be scheduled throughout the year. Students will also be required to complete a summer internship

379992CW

Credit: 1

AVID 4

Grade: 12

The fourth AVID elective course emphasizes all AVID methodologies used in the previous three years. This course will assist student's search for and complete college and scholarship applications. College essay writing and in-depth problem solving will be emphasized. Students at this level will be required to enroll in at least one dual credit or Advanced Placement course and have taken at least 2 Honors courses prior to graduation. Field trips to explore careers and colleges are planned. A senior project will be required for the successful completion of this course and graduation with AVID distinction

379993CW

Credit: 1

Richland Two AVID Early College Program

“Earn College Credits While in High School”

Just think about earning college credit while in high school without the tuition bills. Rising ninth graders residing in Richland School District Two may be eligible to earn up to two (2) years of college credits from the University of South Carolina - Sumter. The Richland Two AVID Early College started their cohort of freshmen beginning in the 2017-18 school year.

The AVID Early College is open to students who are willing to become part of the AVID class for all four years of high school. Eligibility will be determined through a number of factors to include eighth grade PSAT score (if taken) or MAP and Lexile scores. The Richland Two AVID Early College was established and is still housed at Ridge View High School. Rising ninth graders can apply now regardless of their attendance zone or magnet school selections.

The Richland Two AVID Early College is offered in partnership with UofSC - Sumter, and students have the potential to graduate high school to start college as a second-semester sophomore or first-semester junior. Completion of the coursework will require strict adherence to the four-year plan for completion of all courses and will require summer courses in the summer before their Junior and Senior years. Early Bird classes may be required some semesters. Furthermore, students in the Early College may have a difficult time scheduling to take Fine Arts electives (e.g. Chorus, Orchestra, & Band). Students in the Early College will not take any Advanced Placement (AP) classes but will instead take dual-credit courses with UofSC and Richland Two faculty. With the credits from the University of South Carolina, accepted students may transfer to a public state college or university as a junior (depending on your major).

Our goal in offering the AVID Early College is to pave a realistic and more affordable pathway to a four-year college degree for students who may consider college and the expenses associated with college out of their reach. Students in the AVID Early College will take rigorous coursework and will benefit from college and career planning and academic coaching through the AVID class. There is NO cost to district students who attend except for textbooks. Funds to pay UofSC - Sumter are being provided by the SC Lottery system and use of these funds does not take away from a student’s ability to use four years of lottery funding after high school. Using these funds does require that a student in the Early College maintain a 3.0 GPA or future use of lottery funds is forfeited.

Accepted students will attend high school at Ridge View High School. AVID stands for Advancement Via Individual Determination and is a college-readiness system that prepares students for success in high school, college, and careers.

Early College Course Schedule

<p style="text-align: center;"><u>First Year</u></p> <p>AVID 1 English 1 Honors* Algebra 1 Spanish 1 Biology 1 Honors English 2 Honors Geometry Honors Personal Health & Wellness (online VirtualSC) Physical Education (online VirtualSC) <i>*Adv. Comp. Honors for those who enter high school with this credit.</i></p>	<p style="text-align: center;"><u>Second Year</u></p> <p>AVID 2 English 3 Honors Spanish 2 Creative Writing Algebra 2 Honors Physics 1 Chemistry 1 Honors Economics Honors</p> <p>Summer semester after sophomore year: CSCE 102 - General Applications Programming BIOL 110L - General Biology w/ LAB</p>
<p style="text-align: center;"><u>*Third Year</u></p> <p>AVID 3 Pre-Calculus HIST 111 - United States History to 1865 POLI 201 - American Government ARTE 101 - Introduction to Art ENGL 101 - Critical Reading and Composition MUSC 110 - Introduction to Music SPAN 109 - Beginning Spanish I HIST 112 - United States History from 1865</p> <p>Summer semester after junior year: THEA 170 - Fundamentals of Acting SOCY 101 - Introductory Sociology</p>	<p style="text-align: center;"><u>*Fourth Year</u></p> <p>AVID 4 ENGL 102 - Rhetoric and Composition SPCH 140 - Public Communication PSYC 101 - Introduction to Psychology SPAN 110 - Beginning Spanish II CHEM 111 - General Chemistry I JOUR 101 - Media and Society THEA 200 - Understanding and Appreciation of Theatre ANTH 102 - Understanding Other Cultures ECON 224 - Introduction to Economics</p>

Blazer Academy

The Blazer Academy mission is to help students make a positive transition into high school. The Blazer Academy team has high expectations for student learning and social development. Academy team members adopt a caring and supportive approach to encourage students to develop the skills, desire and confidence to succeed in high school. Blazer Academy provides an opportunity for students to attain their highest level of achievement by building a foundation for continued academic and personal success. To achieve this goal, the Academy fosters strong parent-teacher-student relationships through consistent communication and monitoring of student academic progress.

This program provides ninth grade students a smaller, more personal learning environment to assist with the adjustment and demands of high school. Our support system encourages students to become more responsible and engaged in the learning process.

School for the Arts (SFA)

The School for the Arts (SFA) is a rigorous program designed for highly creative students who are gifted in the arts. This specialized program is open to students who have a serious interest and aptitude in one or more of the following areas: band, chorus, creative writing, dance, drama, orchestra, and visual arts. SFA is a unique learning community of students within Ridge View High School that is designed to inspire excellence in both artistic and academic studies. Therefore, The School for the Arts students will work closely with peers and professionals who have similar interests. This communal atmosphere allows students to bond as a group and creates an interdisciplinary connection and appreciation for all the arts. SFA is designed to maximize a student's exposure to the arts, with a focus on critical thinking and creative problem solving skills, and provide a program that will nurture each student's talent. Students enrolled in SFA will have several opportunities to participate in arts experiences outside the classroom such as: field studies, arts competitions, opportunities to present their work to the public, attendance at exhibitions/performances, and studio workshops with professional artists. Students must apply and audition for acceptance into the program. Audition requirements for each arts area are mailed to applicants prior to the audition date. SFA students are required to take a minimum of **5.0** arts credits and maintain a cumulative GPA of 2.5 for four years; 3 credits must be from the student's selected arts area. During their senior year, SFA students will complete a senior exhibition/performance, highlighting their growth in the arts through the program. Students who are successful in the program will be eligible for selection for national art honor societies. Those who successfully complete the four-year program in the School for the Arts will have this fact indicated in the graduation program

9th Grade		10th Grade	
Entry level arts course in selected arts area	.5 - 1 credit	1 to 2 classes in selected arts area And/or 1 arts class outside selected arts area	1 - 2 credits 1 credit
11th Grade		12th Grade	
1 to 2 classes in selected arts area And/or 1 arts class outside selected arts area	1 - 2 credits 1 credit	1 -2 classes in selected arts area -or 1 arts class outside selected arts area	1 - 2 credits 1 credit

Carolina Alliance for the Technologies (CAT)

Carolina Alliance for Technology (CAT) is a federal grant program designed to help fill the skill gap in the available workforce for high-growth, H-1B computer science and engineering occupations. According to a USA TODAY article from July of 2014, —... a high school grad with a STEM background is in higher demand than a college grad without such skills. The CAT Program offers sixty-two freshmen at Ridge View High School and three other high schools in South Carolina a chance to participate in coursework focusing on the fields of Computer Science or Engineering for four consecutive years.

The CAT program redesigns the high school experience by promoting service learning, project-based learning, internships, apprenticeships, and job shadowing through multiple partnerships with local business leaders. Summer experiences are available to CAT students who qualify, and students can take advantage of personalized support of a CAT counselor, Career Development Facilitator (CDF), and other faculty members. In addition, many CAT students can earn college credit or nationally recognized certifications upon successful completion of this 4-year program.

CAT PROGRAM PARTICIPATION:

- Take at least one **Computer Science** class or **Engineering class** per year
- Complete interest inventories, skill surveys, and work-ready skills training
- Acquire 24 high school credits per state requirement
- Engage in career exploration and job shadowing
- Opportunities for internships/apprenticeships
- Complete at least one community service-learning project each year
- Attend at least one CAT field experience
- Participate in mentoring and counseling
- May accumulate college credit

CAT Application Process:

Ridge View High School rising freshmen may apply for the CAT Program between January and March of eighth grade. Application forms will be available on the homepage of the Carolina Alliance for Technology (CAT) website.

Applicants will be selected according to the following criteria:

- Completed application
- C-average or above in all subjects (recommended)
- Minimum math level of Algebra I in ninth grade (recommended)
- Teacher recommendations
- Signed student/parent commitment to the program

COMPUTER SCIENCE SEQUENCE OF STUDY

1st Year	• Fundamentals of Computing	2nd Year	• Computer Programming with Java 1
3rd Year	• Computer Programming with Java 2	4th Year	Choose One: <ul style="list-style-type: none"> • Foundations of Animation • Fundamentals of Web Page Design • Entrepreneurship • AP Computer Science A • AP Computer Science Principles

ENGINEERING SCIENCE SEQUENCE OF STUDY

1st Year	• Core Engineering 1	2nd Year	• Core Engineering 2
3rd Year	• Core Engineering 3	4th Year	• Core Engineering 4

The following courses are part of the CAT Curriculum and are only open to program participants.

**Indicates that this course meets the SC computer science requirement*

***Fundamentals of Computing**

Grade: 9-12

502300CW

Credit: 1

Fundamentals of Computing is designed to introduce students to the field of computer science through an exploration of engaging and accessible topics. Through creativity and innovation, students will use critical thinking and problem solving skills to implement projects that are relevant to students' lives. They will create a variety of computing artifacts while collaborating in teams. Students will gain a fundamental understanding of the history and operation of computers, programming, and web design. Students will also be introduced to computing careers and will examine societal and ethical issues of computing.

***COMPUTER PROGRAMMING with Java 1**

Grade: 10

505200CW

Credit: 1

This course is designed to emphasize the fundamentals of computer programming. Topics include computer software, program design and development, and practical experience in programming, using modern, object-oriented languages.

***COMPUTER PROGRAMMING with Java 2**

Grade: 11

505053CW

Credit: 1

This course is required to be a computer science IT completer complete. The course is a follow up of Java 1 and covers more advanced covers more advanced concepts such as data structures.

***AP COMPUTER SCIENCE PRINCIPLES**

Grade: 12

477500AW

Credit: 1

The AP Computer Science Principles course is designed to be equivalent to a first-semester introductory college computing course. In this course, students will develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. The course is unique in its focus on fostering student creativity. They will also develop effective communication and collaboration skills, working individually and collaboratively to solve problems, and discussing and writing about the importance of these problems and the impacts to their community, society, and the world.

***AP COMPUTER SCIENCE A**

Grade: 12

477100AW

Credit: 1

AP Computer Science A is equivalent to a first-semester, college level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. The AP Computer Science A course curriculum is compatible with many CS1 courses in colleges and universities.

CORE ENGINEERING 1

Grade: 9

637000CW

Credit: 1

Manufacturing and production technology is a conscious exploration of the processes that take raw materials to finished goods. Student teams take their designs from concept sketches to finished products while defining the systems structure of a manufacturing enterprise. Their manufacturing process activities will use CNC equipment, plastics mold design and rapid prototyping. This IIU provides students with the opportunity to create new products of their own design. Pre-requisite: Enrollment in the CAT program.

CORE ENGINEERING 2

Grade: 10

637100CW

Credit: 1

Students develop an understanding of the materials and processes used to create the products they encounter every day. They'll use, test, and process natural and synthetic materials like plastics, metals, wood composites and textiles. Using the Paxton TSB 5000 Materials Tester and other technical apparatus, student teams will explore the properties of raw and processed materials. Prerequisites: Enrollment in the CAT program.

CORE ENGINEERING 3

Grade: 11

637500CW

Credit: 1

An advanced course, intended for 11th -12th graders, using the Paxton-Patterson CAREERplus2 modules of Alternative Energy & Environment and Architecture & Construction. Students, working in teams of four, experience both modules during a daily 45 minute year long class.

CORE ENGINEERING 4

Grade: 12

637600CW

Credit: 1

An advanced course, intended for 11th -12th graders, using the Paxton-Patterson CAREERplus2 modules of Manufacturing & Materials and Robotics. Students, working in teams of four, experience both modules during a daily 45 minute year long . Students have the opportunity to earn the associate level certification in SolidWorks® 3D software for design and engineering.

CAREER CLUSTERS

In order to meet the needs of the students in our community, Ridge View High School has organized its curriculum around nine major clusters of study. Clusters of study are pathways that organize occupations and industries into groupings, or clusters, according to the related skills and knowledge needed. Clusters provide students with an opportunity to tailor instruction and experiences around areas of interest to them.

Within a given cluster are a number of majors. Beginning in the spring of 2006, students were required to select a major when completing their Individual Graduation Plan. Students are encouraged to complete a major by successfully passing four credits from the required courses within that major. While students are required to choose a major, they are not locked into that major. Adjustments may be made during the yearly IGP meeting.

The following pages outline the required courses in each major. Students must complete both the required courses for graduation in addition to the required courses within a major to be considered a completer at graduation.

RVHS Career Clusters

Arts, A/V Technology, and Communication

- Visual Arts
- Performing Arts
- Media Arts
- English
- Journalism and Broadcasting
- World Languages

Business, Management, and Administration

- General Business
- Business Information Management

Marketing

- Marketing Communications

Informational Technology

- Web and Digital Communications

Human Services

- Master Hair Care

Education and Training

- Education

Government and Public Administration

- Governance
- National Security

Health Science

- BioHealth Sciences (PLTW)
- Health Science
- Sports Medicine

Science, Technology, Engineering, and Mathematics

- Computer Science
- Engineering
- Math
- Science

Required Core Courses for Graduation	Core Courses by Grade Level			
	<i>The core academic courses listed represent the more commonly chosen courses and sequences</i>			
	9 th	10 th	11 th	12 th
English (4 units)	English 1	English 2	English 3	English 4
Math (4 units)	Algebra 1	Algebra 2 or Geometry	Algebra 2 or Geometry	Algebra 3 or Probability and Statistics.
Science (3 units)	Earth Science or Biology	Biology or Chemistry	Chemistry or Physics	Physics or Anatomy and Physiology
Social Studies (3 units)	One unit of Social Studies		US History	Government and Economics
Additional State Requirements	Physical Education <i>or</i> JROTC (1 unit) Computer Science (1 unit) World Language <i>or</i> CATE (1 unit)		Personal Health (½ unit) Electives (6½ units)	

REQUIRED COURSES FOR EACH MAJOR:

Cluster: Arts, A/V Technology and Communications				Major: Visual Arts	
Required Courses for Major (Choose any four)		Complementary Coursework		Extended Learning Opportunities Options Related to Major	
Art 1	Photography	Art of Film	Social Studies Courses	Shadowing	
Ceramics	T&G Visual Arts	Film Production	Teacher Cadet 1. 2	Internship	
Adv. 2D Art	Adv. Photography	World Languages		Dual-Credit	
3D Art	AP Studio Art			Service Learning	
AP Art History					
Possible Professional Opportunities Upon Graduation <i>For additional college entrance requirements, refer to the college of your choice.</i>					
High School Diploma		2-Year Associates Degree		4-Year Degree & Higher	
Artist, Photographer, Craft Artist, Graphic Designer Assistant		Cartoonist, Entrepreneur Graphic Designer, Graphic Illustrator/Designer, Interior/Fashion Designer, CAD Technician		Art Educator, Photojournalist, Curator/ Gallery Manager, Art Therapist	

Cluster: Arts, A/V Technology and Communications				Major: Performing Arts	
Required Courses for Major (Choose any four)		Complementary Coursework		Extended Learning Opportunities Options Related to Major	
Concert Band	Choral Courses	Art of Film	Social Studies Courses	Shadowing	
Symphonic Band	WBL Arts	Film Production	Teacher Cadet 1. 2	Internship	
Orchestra Courses		Fine Arts Courses	World Languages	Dual-Credit	
Dance Courses		Creative Writing		Service Learning	
Drama Courses		Marketing			
Possible Professional Opportunities Upon Graduation <i>For additional college entrance requirements, refer to the college of your choice.</i>					
High School Diploma		2-Year Associates Degree		4-Year Degree & Higher	
Musician/Accompanist, Actor, Singer, Make-up Artist, Dancer		Set Design Technician, Costume Technician, Sound/ Light Technician, Stage Electrician, Certified Movement Analyst, Dance Studio Owner		Actor/Producer/Director, Music/Theatre/ Dance Therapist, Band/Choral Director, Theatre Designer, Accompanist/Musician/ Conductor	

Cluster: Arts, A/V Technology and Communications				Major: Media Arts	
Required Courses for Major (Choose any four)		Complementary Coursework		Extended Learning Opportunities Options Related to Major	
Journalism 1, 2	Creative Writing	Art of Film	Social Studies Courses	Shadowing	
AP English	Film Production	Film Production	Teacher Cadet 1. 2	Internship	
Media Production	WBL Arts	Fine Arts Courses	World Languages	Dual-Credit	
Newspaper Production		Creative Writing		Service Learning	
Writer's Workshop		Marketing			
Possible Professional Opportunities Upon Graduation <i>For additional college entrance requirements, refer to the college of your choice.</i>					
High School Diploma		2-Year Associates Degree		4-Year Degree & Higher	
Disc jockey Layout, Designer Broadcaster, Technician, Audio/Video Operator		Technical Writer, Proofreader, Reporter, Sound Engineering Technician		Journalist, Television Anchor, TV Station Manager, Media Specialist	

Cluster: Arts, A/V Technology and Communications				Major: English	
Required Courses for Major (Choose any four)		Complementary Coursework		Extended Learning Opportunities Options Related to Major	
English 1 Honors		Yearbook	Social Studies Courses	Shadowing	
English 2 Honors		Creative Writing	Psychology	Internship	
AP English Lang		Journalism 1, 2		Dual-Credit	
AP English Lit		Teacher Cadet 1, 2		Service Learning	
WBL Arts		Fine Arts Courses			
Possible Professional Opportunities Upon Graduation <i>For additional college entrance requirements, refer to the college of your choice.</i>					
High School Diploma		2-Year Associates Degree		4-Year Degree & Higher	
Receptionist, Sales, Associate Librarian, Associate Clerical, Assistant		Proofreader, Reporter Technical Writer, Administrative Assistant		Educator, Public Relation Specialist, Writer, Editor	

Cluster: Arts, A/V Technology and Communications		Major: Journalism & Broadcasting	
Required Courses for Major (Choose any four)		Complementary Coursework	Extended Learning Opportunities Options Related to Major
Journalism 1, 2	Yearbook	Teacher Cadet 1, 2	Shadowing
Newspaper Production	WBL Arts	Fine Arts Courses	Internship
Web Design 1, 2		Business App	Dual-Credit
Creative Writing		Psychology	Service Learning
Photography		Sociology	
Possible Professional Opportunities Upon Graduation <i>For additional college entrance requirements, refer to the college of your choice.</i>			
High School Diploma		2-Year Associates Degree	4-Year Degree & Higher
Broadcast Technician, Sports Announcer, Bookbinder		Camera Operator, Reporter, Broadcast Technician	Broadcast Producer, Public Relation Specialist, News Analyst, Station Manager

Cluster: Arts, A/V Technology and Communications		Major: World Languages	
Required Courses for Major (Choose any four)		Complementary Coursework	Extended Learning Opportunities Options Related to Major
French 1,2,3,4		Social Studies Courses	Shadowing
German 1,2,3,4		JROTC	Internship
Spanish 1,2,3,4		Fine Arts Courses	Dual-Credit
Latin 1,2, 3, 4		English Electives	Service Learning
Possible Professional Opportunities Upon Graduation <i>For additional college entrance requirements, refer to the college of your choice.</i>			
High School Diploma		2-Year Associates Degree	4-Year Degree & Higher
Tour Guide, Military Specialist, Interpreter		Travel Agent, Customer Service Representative	Educator, Language Translator/Interpreter, Business Consultant, Military Intelligence

Cluster: Business, Management, & Administration		Major: General Management	
Required Courses for Major		Complementary Coursework	Extended Learning Opportunities Options Related to Major
Accounting 1		Global Transportation Logistics	Shadowing
Entrepreneurship		Advertising	Internship
Choose 2 from the following:		World Languages	Dual-Credit
Accounting 2	Business Finance	Statistics	Service Learning
Business Law	Google Applications		
Integrated Business Apps	Marketing		
Possible Professional Opportunities Upon Graduation <i>For additional college entrance requirements, refer to the college of your choice.</i>			
High School Diploma		2-Year Associates Degree	4-Year Degree & Higher
Administrative Support Accounting Clerk Customer Service Rep Information Clerk Bank Teller		Administrative Professional Web Page Designer Junior Accountant Office Manager	Accountant – Senior Auditor Loan Officer

Cluster: Business, Management, & Administration		Major: Business Information Management	
Required Courses for Major		Complementary Coursework	Extended Learning Opportunities Options Related to Major
Digital Desktop Publishing		Digital Multimedia Foundations of Animation	Shadowing
Image Editing 1		Image Editing 2 Web Design	Internship
Entrepreneurship		Essential Communications	Dual Credit
Integrated Business Apps 1			Service Learning
Possible Professional Opportunities Upon Graduation <i>For additional college entrance requirements, refer to the college of your choice.</i>			
High School Diploma		2-Year Associates Degree	4-Year Degree & Higher
Information Processing Specialist Web Site Maintenance Specialist Multimedia Specialist Desktop Publishing Specialist		Office Manager Web Page Developer Web Page Designer	Educator, Webmaster, Retail Manager, Public Relations Manager, Chief Executive Officer Software Application Manager

Cluster: Marketing		Major: Marketing Communications	
Required Courses for Major	Complementary Coursework	Extended Learning Opportunities Options Related to Major	
Advertising	Google Apps	Shadowing	
Marketing	Film Production	Internship	
Choose 2 from the following:	Photography	Dual-Credit	
Digital Desktop Publishing IBA	Sociology	Service Learning	
Digital Multimedia Image Editing 1, 2	Essential Communications		
Entrepreneurship			
Possible Professional Opportunities Upon Graduation <i>For additional college entrance requirements, refer to the college of your choice.</i>			
High School Diploma	2-Year Associates Degree	4-Year Degree & Higher	
Sales Associate, Visual Display Artist. Customer Service Representative	Advertising & Promotion Manager, Retail Buyer, Marketing Specialist, Fashion Designer	Public Relation Manager, Sales Representative, Market Research Analyst, Sport Agent	
Cluster: Informational Technology		Major: Web and Digital Communication	
Required Courses for Major	Complementary Coursework	Extended Learning Opportunities Options Related to Major	
Fundamentals of Web Page Design	Google Apps	Shadowing	
Advanced Web Page Design	Film Production	Internship	
Choose 2 from the following:	Photography	Dual-Credit	
Digital Desktop Publishing Entrepreneurship	Computer Programming 1 or 2	Service Learning	
Digital Multimedia Image Editing 1, 2	Foundations of Animation		
Integrated Business Apps			
Possible Professional Opportunities Upon Graduation <i>For additional college entrance requirements, refer to the college of your choice.</i>			
High School Diploma	2-Year Associates Degree	4-Year Degree & Higher	
Routing Specialist Networking, Electronics, Sales Representative	Telecommunication Manager LAN Administration Provisionary Coordinator Network Technician	Telecommunication Design Engineer, Engineer, Network Administrator, Systems Analyst	
Cluster: Human Services		Major: Master Hair Care (Barbering)	
Required Courses for Major	Complementary Coursework	Extended Learning Opportunities Options Related to Major	
Barbering 1	Lead, Learn, & Serve	Shadowing	
Barbering 2	Entrepreneurship	Internship	
Barbering 3	Accounting	Dual Credit	
	Marketing	On The Job Training	
High School Diploma	2-Year Associates Degree	4-Year Degree & Higher	
Barber	Barber	Educator, Master Hair Care Instructor	
Cluster: Education and Training		Major: Education	
Required Courses for Major	Complementary Coursework	Extended Learning Opportunities Options Related to Major	
Community Service Leadership	Lead, Learn, & Serve	Shadowing	
Teacher Cadet	Nutritional Health	Internship	
Sociology	Fine Arts Courses	Dual Credit	
Child Development (Virtual SC)		Service Learning	
High School Diploma	2-Year Associates Degree	4-Year Degree & Higher	
Day Care Worker, Docent, Driving School Instructor, Teacher's Assistant	Day Care Provider, Instructional Assistant, Substitute Teacher, Pre-School Teacher	Educator, Social Worker, Counselor/ Psychologist, Human Resource	
Cluster: Governance and Public Administration		Major: Governance	
Required Courses for Major <i>(Choose any four)</i>	Complementary Coursework	Extended Learning Opportunities Options Related to Major	
Law Education 1 & 2	JROTC	Shadowing	
Criminal Justice DC	Business Courses	Internship	
Govt. & Econ DC	Other Social Studies Courses	Dual Credit	
Business Law DC		Service Learning	
High School Diploma	2-Year Associates Degree	4-Year Degree & Higher	
Police Officer, Firefighter Dispatcher, Security Guard	Paralegal, Court Reporter, Detective, Public Records Researcher	Attorney, FBI Agent, Criminologist, Probation Officer	

Cluster: Governance and Public Administration		Major: National Security
Required Courses for Major <i>(Choose any four)</i>	Complementary Coursework	Extended Learning Opportunities Options Related to Major
JROTC 1	Law Ed 1 & 2	Shadowing
JROTC 2	Business Courses	Internship
JROTC 3	Other Social Studies Courses	Dual Credit
JROTC 4		Service Learning
High School Diploma	2-Year Associates Degree	4-Year Degree & Higher
Police Officer, Firefighter, Dispatcher, Security Guard	Paralegal, Court Reporter, Detective, Public Records Researcher	Attorney, FBI Agent, Criminologist, Probation Officer

Cluster: Health Science		Major: Health Science
Required Courses for Major	Complementary Coursework	Extended Learning Opportunities Options Related to Major
Health Science 1	Anatomy & Physiology	Shadowing
Health Science 2	Biology 2	Internship
Choose 2 from the following:	AP Biology	Dual-Credit
Medical Terminology 1 Sports Medicine 1	Nutritional Health	Service Learning
HST Clinical Studies		
Health Science 3 (Virtual SC)		
Possible Professional Opportunities Upon Graduation <i>For additional college entrance requirements, refer to the college of your choice.</i>		
High School Diploma	2-Year Associates Degree	4-Year Degree & Higher
Certified Nurse Assistant, Emergency Medical Technician, Pharmacy Technician, Medical Office Assistant	Registered Nurse, Dental Hygienist, Radiologic Technician, Veterinary Assistant	Physical Therapist, Occupational Therapist, Nurse Practitioner, Registered Dietician, Athletic Trainer

Cluster: Health Science		Major: Sports Medicine
Required Courses for Major	Complementary Coursework	Extended Learning Opportunities Options Related to Major
Sports Medicine 1	Health Science 1 & 2 Anatomy & Phys.	Shadowing
Sports Medicine 2	Nutritional Health	Internship
WBL: Student Athletic Trainer	Medical Terminology	Dual Credit
		Service Learning
High School Diploma	2-Year Associates Degree	4-Year Degree & Higher
Assistant Trainer, Personal Trainer, Occupational Therapy Aide	Athlete Trainer, Physical Therapy Assistant, Occupational Therapy Assistant	Athletic Trainer, Physical Therapist, Exercise Physiologist

Cluster: Health Science		Major: Project Lead The Way: Biomedical Sciences
Required Courses for Major	Complementary Coursework	Extended Learning Opportunities Options Related to Major
Principles of Biomedical Sciences	Health Science 1 & 2	Shadowing
Human Body Systems	Sports Medicine 1 & 2	Internship
Medical Interventions	AP Biology	Dual Credit
Biomedical Innovations	HST Clinical Studies	Service Learning
High School Diploma	2-Year Associates Degree	4-Year Degree & Higher
Medical Research Clerk, Laboratory Assistant, Medical Office Assistant	Registered Nurse, Occupational Technician, Pharmacy Technician, X-Ray Technician	Medical Doctor, Physician Assistant, Pathologist, Speech Therapist, Pharmacist, Dentist, Biomedical Engineering

Cluster: Science, Technology, Engineering, Math		Major: Computer Science
Required Courses for Major	Complementary Coursework	Extended Learning Opportunities Options Related to Major
Exploring Computer Science	Next Energy Fuel Cell (R2i2)	Shadowing
Computer Programming I	Physics	Internship
Computer Programming 2	Chemistry	Dual-Credit
AP Computer Science	AP Physics	Service Learning
High School Diploma	2-Year Associates Degree	4-Year Degree & Higher
	Computer Designer	Computer Software Programmer Computer Programmers

Cluster: Science, Technology, Engineering, Math		Major: Engineering
Required Courses for Major	Complementary Coursework	Extended Learning Opportunities Options Related to Major
Engineering Technology A	Next Energy Fuel Cell (R2i2)	Shadowing
Engineering Technology M	Physics	Internship
Advanced Engineering I and Solid Works	Chemistry	Dual-Credit
Advanced Engineering II and Solid Works	AP Physics	Service Learning
High School Diploma	2-Year Associates Degree	4-Year Degree & Higher

Cluster: Science, Technology, Engineering, Math		Major: Mathematics
Required Courses for Major	Complementary Coursework	Extended Learning Opportunities Options Related to Major
Prob & Stat Accounting	Next Energy Fuel Cell (R2i2)	Shadowing
AP Calculus	Physics	Internship
AP Statistics	Chemistry	Dual-Credit
Teacher Cadet 1,2	AP Physics	Service Learning
High School Diploma	2-Year Associates Degree	4-Year Degree & Higher
Bank Teller, Accounts Clerk, Bookkeeper	Accountant, Tax Preparer	Certified Public Accountant, Stock Broker, Engineer, Statistician, Educator

Cluster: Science, Technology, Engineering, Math		Major: Science
Required Courses for Major	Complementary Coursework	Extended Learning Opportunities Options Related to Major
Biology 2 Honors AP Physics	Next Energy Fuel Cell (R2i2)	Shadowing
AP Biology Physics CP	Physics	Internship
Chemistry 2 Hon Anatomy & Physiology	Chemistry	Dual-Credit
AP Chemistry	AP Physics	Service Learning
High School Diploma	2-Year Associates Degree	4-Year Degree & Higher
Environmental Management, Landscaper, Zoo Attendance Worker	Materials Handler, Forestry Technician, Veterinarian Technician, Lab Technician	Chemist, Physicist, Engineer, Researcher, Educator, Meteorologist, Ecologist

COURSE DESCRIPTIONS

A Note to Parents and Students:

It is extremely important that students choose their classes carefully. Ridge View High School encourages students to take classes that will challenge them and force them to grow academically. At the same time it must be said that not every class is a perfect fit for every student.

Please choose classes wisely as it can be very difficult to make a change in a student's schedule once the term of classes has begun. Students and parents wishing to register for a course that has not been recommended should contact the School Counseling Department at (803) 699-2999.

Subject Area:	Page(s)
English Courses	36-37
Mathematics Courses	38-39
Science Courses	40-41
Social Studies Courses	42-44
Army JRTOC Courses	44-45
Career Prep & ESOL Courses	46
Career & Technology Education Courses	47-49
Fine Arts Courses	50-54
Health/Physical Education Courses	55
World Language Courses	56-57
Additional Elective Courses	58
Richland Two Institute of Innovation (R2i2) Courses	66-71

English courses must be taken in sequence (English 1 through English 4). Honors, Magnet and AP courses require additional summer reading that you are responsible for obtaining and completing on your own. This is completely separate from the school wide summer reading required of all students.

LANGUAGE ARTS SEMINAR 309900CW
Grade: 9 Credit: 1

Reading Seminar Part A provides students with support for English 1. The focus of this course is to support students in the foundational areas of reading and literacy instruction. The course will support students in strengthening the 5 areas of reading/literacy instruction for adolescents. Teachers' instruction will reflect the indicators found in the SCCRS for English 1 by focusing upon the Fundamentals of Reading indicators (page 1) and the Fundamentals of Communication (page 5), preparing students to demonstrate mastery of the Principles of Reading Standards for RL and RI and the Range and Complexity indicators for RL, RI, and Writing. Teachers' instruction will also reflect the five areas of effective literacy instruction for adolescents: Word study: (In part A a focus upon phonics and word analysis in decoding words for groups of students as needed), fluency, vocabulary, comprehension & motivation. This course is also supplemented with the Leveled Literacy Intervention kits from Fontas and Pinnell.

Reading Seminar Part B provides students with support for English 1. The focus of this course is to support students in strengthening their literacy skills that students need across disciplines. The course will support students in strengthening the 5 areas of literacy instruction for adolescents. Teachers' instruction will reflect the indicators found in the SCCRS for English 1 by focusing upon comprehension, metacognition, active and attentive communication skills, and analysis strategies as described in the Fundamentals of Reading indicators (page 1) and the Fundamentals of Communication indicators (page 4), preparing students to demonstrate mastery of the Range and Complexity indicators for RL, RI, and Writing. Teachers' instruction will also reflect the five areas of effective literacy instruction for adolescents: Word study: In part B a focus upon morphology, fluency, vocabulary, comprehension, motivation. This course follows the Reading Apprenticeship Framework ***This course is an elective credit and is taken concurrently with English 1 CP.***

ENGLISH 1 CP 302400CW
Grade: 9 Credit: 1

Through the reading and discussion of literary and informational texts as well as through instruction and practice in expository, literary/analytical, persuasive, research and creative writing the student will continue to develop high level skills in thinking and communication. This course is designed for students who are motivated and able to work to a high standard and a quick pace.

ENGLISH 1 HONORS 302400HW
Grade: 9 Credit: 1

The course is designed for highly motivated, exceptionally talented language arts students who enjoy reading and who are willing to put extra time and effort into their studies. Through the reading and discussion of literary and informational texts as well as through instruction and practice in expository, literary/analytical, persuasive, research and creative writing, the student will continue to develop high level skills in thinking and communication. This course is for self-motivated students whose past achievements and interests in English indicate they will be able to meet the requirements of the course successfully. **Prerequisite(s): MAP RIT Score of 237+ and recommendation of RVHS Lead Teacher.**

ADVANCED ENGLISH COMPOSITION 302
Grade: 9, 10, 11, 12 Credit: 1

Course content emphasizes study of scholarly prose and writing processes, including literary analysis, style analysis, as well as argumentative, comparative, and narrative writing. A special emphasis is placed on student adeptness in composing clear, cohesive, and coherent prose with a consistent focus on purpose and audience. Students develop their identities as writers, learn to locate and use research materials, use model tests, cite properly, compose and proofread drafts, use feedback, critique, and revise and edit writing. **Prerequisite(s): Successful completion of English 1 Honors.**

ENGLISH 2 CP 302500CW
Grade: 10 Credit: 1

In this CP level students will study world literature through the reading and discussion of literary and informational texts as well as through instruction and practice in expository, literary/analytical, persuasive, research and creative writing, the student will continue to develop high level skills in thinking and communication. A state mandated End-of-Course Test must be given to every student enrolled in this course, and the score will count 20% of the final grade.

Prerequisite(s): Successful completion of English 1

ENGLISH 2 HONORS 302500HW
Grade: 10 Credit: 1

This course requires students to focus on expository, literary/analytical, persuasive, research and creative writing skills through a study of world literature. The course is designed for the highly motivated, exceptionally talented arts student who enjoys reading and who is willing to put extra time and effort into his or her studies. A state mandated End-of-Course Test must be given to every student enrolled in this course, and the score will count 20% of the final grade.

Prerequisite(s): C or higher in English 1 H or an A in English 1 CP

ENGLISH 3 CP 302600CW
Grade: 11 Credit: 1

This course concentrates on developing the student's ability to study and read literature critically through the major themes and writers of American literature from the 1600s to the present. Expository, literary/analytical, persuasive research and creative writing will be required. **Prerequisite(s): Successful completion of English 2 CP**

ENGLISH 3 HONORS 302600HW
Grade: 11 Credit: 1

This Honors course for the English 3 level is designed for the motivated language arts student who enjoys reading and is willing to put extra time and effort into English studies. The student must be able to work independently and demonstrate above-average grade level proficiency in writing. This course concentrates on developing the student's ability to study and read literature critically through the major themes and writers of American literature from the 1600s to the present. Expository, literary/analytical, Persuasive, research and creative writing will be required. Enrollment in this class requires selected reading and assignments during the summer that is separate from the school wide summer reading. **Prerequisite(s): Successful completion of English 2 Honors**

ENGLISH 4 CP 302700CW
Grade: 12 Credit: 1

In this course, students will be expected to apply the principles of critical reading and writing to the study of British Literature. The course continues the refinement of the writing process, specifically, expository, literary/analytical, persuasive, research and creative writing. **Prerequisite(s): Successful completion of English 3 CP**

ENGLISH 4 HONORS

Grade: 11

Students will be expected to apply the principles of good critical reading and writing to the study of British Literature. The course continues the refinement of the writing process, specifically, expository, literary/analytical, persuasive, research and creative writing.

3027000HW

Credit: 1

English courses and a passion for reading and writing.

CREATIVE WRITING

Grade: 9, 10, 11, 12

This course will explore the fundamentals of writing where learners will figure out ways to express it creatively on the page. The course will begin with narrative, looking at ways that narratives can be written to capture some element, feeling, or appearance of real life. The course will then move into experiments with form and subject that challenge our understanding of reality. The goal will be to develop a fluid and playful sense of the genres of fiction, nonfiction and poetry, and for learners to produce a portfolio of original, creative and vivid work.

303200CW

Credit: 1

AP LANGUAGE & COMPOSITION

Grade: 11

This Advanced Placement Course for the English 3 level is designed for the highly motivated language arts student who enjoys reading complex nonfiction and literature texts and is willing to put extra time and effort into English studies. The student must be able to work independently and demonstrate above- average grade-level proficiency in writing. The AP English Language and Composition course is designed to help students become thoughtful readers and writers with a deep understanding of rhetoric and argumentation. Through their writing and reading in this course, students should become aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effective writing. Enrollment in this class requires selected reading and assignments during the summer. This course meets the English 3 requirement and is a prerequisite for AP Literature and Composition. **Prerequisite(s): C or better in English 2 H/HMAG or an A in English 2 CP with teacher recommendation.**

307100AW

Credit: 1

Digital Literacy

Grade: 9, 10, 11, 12

This class serves as an introduction to the critical consumption of media. Students will reflect on the ways that they and society at large use media and the implications of this on the world. We focus on the ability to access, analyze, evaluate and different types of media as well as how to protect ourselves from misinformation, disinformation, and altered images.

518100CH

Credit: 1/2

****Note: Students who register for the course, but fail to take the exam will be required to reimburse RVHS the cost of the exam (approx. \$120).**

AP ENGLISH LITERATURE

Grade: 12

This Advanced Placement class, which can earn you college credit, is the English 4 equivalent for students who are highly motivated to read and write on a critical and analytical level. Enrollment in this class requires selected reading and assignments during the summer. **Prerequisite(s): C or better in AP Lang & Comp, B or better in English 3 H or an A in English 3 CP/MAG with teacher recommendation.**

307000AW

Credit: 1

YEARBOOK PRODUCTION 1

Grade: 9, 10, 11, 12

This course is for students who wish to become members of the yearbook staff. Any student who has experience in videography, photography, art, graphics for layout design or who is interested in developing skills in these areas is encouraged to take the course. Students will be required to raise the funds necessary for the creation of the yearbook by selling advertising and participating in other fundraisers. Students who elect to take this course must be on the yearbook staff.

305400CW

Credit: 1/2 or 1

****Note: Students who register for the course, but fail to take the exam will be required to reimburse RVHS the cost of the exam (approx. \$120).**

YEARBOOK PRODUCTION 2

Grade: 10, 11, 12

Students will learn and practice advanced journalism skills, interviewing techniques, layout, videography, photography and production skills as they produce the yearbook. Advertising sales, the ethics of journalism, copyright law, design and promotion will also be emphasized. Students will be required to raise the funds necessary for the creation of the yearbook by selling advertising and participating in other fundraisers. Students who elect to take this course must be on the yearbook staff. Editorial positions will be awarded to students who complete more than 1 unit of Yearbook, Journalism 1, Journalism 2 or Newspaper Production and who possess superior skills in the above mentioned areas.

305600CW

Credit: 1/2 or 1

Prerequisite(s): C or better in Yearbook Prod 1 or teacher recommendation.

ENGLISH ELECTIVES

JOURNALISM 1

Grade: 9, 10, 11, 12

Journalism 1 is a basic course in which studying the form and function of the newspaper will be the major goal. The newspaper is the basis of all other type of journalistic endeavors and employs the style of writing that national studies have shown improves writing skills. The emphasis on responsibility in meeting deadlines, keeping up with long-term projects and trying to develop new avenues of knowledge in an enterprising way should help students be more self-reliant. Throughout this course, students will be taught the importance of accuracy, responsibility and fairness. Students will have the opportunity to write for the school newspaper, —The Ridge View Times. In addition, students will be required to raise the funds necessary for the publication of the school newspaper by selling advertising and participating in other fundraisers. **Prerequisite(s): Students must have a C or better in their previous**

305000CW

Credit: 1

INTRO TO MYTHOLOGY

Grade: 9, 10, 11, 12

Introduction to Mythology develops a cross-cultural perspective on myths, mythologies and folklore from around the world. We will explore different theories of the cultural meanings and functions of myth, both past and present. Intro to Mythology also introduces various ways of interpreting and experiencing myth and folklore as texts with oral origins. The cultures and myths studied may include, but are not limited to, Greek/Roman, Norse, Egyptian, Native American, Aztec/Mayan, Aboriginal, and Polynesian Mythologies.

309901CH

Credit: 1

All math courses are aligned with the State Standards for Mathematics for South Carolina that can be found on the SC State Department of Education web site, www.ed.sc.gov. Students studying high school mathematics are encouraged to purchase a graphing calculator. A limited number of graphing calculators are available for lease through the school. The calculator lease is valid for the enrollment period of the math course. Priority is given to those students who are enrolled in Algebra 1.

MATH SEMINAR 1
Grade: 9

319910CW
Credit: 1

Freshman Math Seminar is a course designed to improve mathematical skills. Students receive instruction geared toward strengthening basic mathematic computation which will provide a strong foundation necessary for success in all math courses. *This course is an elective credit may be taken concurrently with Algebra 1 CP.*

FOUNDATIONS IN ALGEBRA
Grade: 9

411600CW
Credit: 1

Foundations in Algebra is the first course in a two course sequence designed to prepare students for success in mathematics courses by providing a strong foundation in algebra, probability, and statistics. Key concepts in this course include: quantities and expressions, function theory, linear functions/equations, rational functions, exponential functions, and probability. Instruction will focus on a balance between procedural and conceptual understanding to prepare students for intermediate algebra, the next course in sequence.

****Note:** A graphing calculator is required for this course. This course in conjunction with Intermediate Algebra is equivalent to Algebra 1 CP.

ALGEBRA 1 CP
Grade: 9

411400CW
Credit: 1

Algebra 1 is a college preparatory course designed to prepare students for abstract algebraic thinking required in more advanced math courses. Key concepts in this course include: linear functions, systems of linear equations, quadratic functions/equations, square roots, factoring techniques, polynomials arithmetic, rational expressions, and exponential growth/decay applications. A graphing calculator is required for this course. Each student will take the South Carolina Algebra 1 End of Course Exam at the end of this course, and the score will count 20 % of the final grade. A graphing calculator is required for this course.

INTERMEDIATE ALGEBRA
Grade: 10

411700CW
Credit: 1

Intermediate Algebra is the second course in a two-course sequence from Foundations in Algebra. This is designed to emphasize more conceptual understanding with modeling of mathematics in real world situations that may arise in different disciplines. Key concepts in this course include: numbers and quantities, function theory, polynomials, quadratic equations / functions, radical functions, and Statistics. A graphing calculator is required for this course. A state mandated End-of - Course Test must be given to every student enrolled in this course, and the score will count 20% of the final grade. **Prerequisite(s): Successful completion of Foundations in Algebra.**

ALGEBRA 2 CP
Grade: 9-12

411500CW
Credit: 1

This college preparatory course contains an in-depth study of polynomial, piecewise and logarithmic functions, patterns, relations, and concepts of the complex number systems. Key concepts in this course include: linear, quadratic, exponential, absolute value, radical, and rational functions. **Prerequisite(s):**

- Semester Block: B or better in Algebra 1 CP
- Year-long: < B in Algebra 1 CP or completion of Foundations & Intermediate Algebra Sequence

ALGEBRA 2 HONORS
Grade: 9, 10, 11

411500HW
Credit: 1

This intensive and rigorous course is an accelerated college-preparatory course designed primarily for students who plan to major in mathematics or science in college or who are talented in mathematics. This course contains an in-depth study to include linear, quadratic, exponential, absolute value, radical and rational functions, patterns, relations, and concepts of number systems with an emphasis on critical and analytical thinking, rational decision-making, and inductive and deductive reasoning. **Prerequisites: C in Algebra 1 CP OR teacher recommendation**

GEOMETRY CP
Grade: 9, 10, 11

412200CW
Credit: 1

This college preparatory course includes the study of plane and solid geometry as well as the study of deductive proofs. Topics include basic geometric figures; properties of triangles; properties of quadrilaterals and other polygons; properties of circles, lines, and special segments intersecting circles; transformations; coordinate geometry; vectors; surface area and volume of three-dimensional objects. The semester (block) class is recommended for students with a credit in Algebra 1 CP. **Pre-requisite(s): Algebra 1 CP or Intermediate Algebra**

GEOMETRY HONORS
Grade: 9, 10, 11

412200HW
Credit: 1

This is an accelerated college-preparatory course designed primarily for students who plan to major in mathematics or science, a related field in college or who are talented in mathematics. This geometry course includes the study of plane and solid geometry as well as the study of deductive proofs. Topics include basic geometric figures; properties of triangles; properties of quadrilaterals and other polygons; properties of circles, lines, and special segments intersecting circles; transformations; coordinate geometry; vectors; surface area and volume of three-dimensional objects. Emphasis is placed on critical and analytical thinking, rational decision making, and inductive and deductive reasoning. **Prerequisite(s): C or better in Algebra 1 CP**

PROBABILITY & STATISTICS CP 414100CW
Grade: 11, 12 Credit: 1

This is a beginning statistics course designed to explore how data is collected, organized, and displayed. Focus is placed on analyzing and interpreting data. The course encompasses descriptive statistics, probability theory, and inferential statistics. Students complete many interactive data analysis activities. Topics include: descriptive statistics, measures of central tendency, regression analysis, correlation coefficient interpretations, Empirical Rule, probability rules/distribution, binomial distribution, and hypothesis testing introductions. The probability portion of this course focuses on using counting principles to find theoretical and experimental probabilities. **Prerequisite(s): Geometry CP and Algebra 2 CP or teacher recommendation**

ALGEBRA 3 CP/MAG 411300CW/ 411300ZCW
Grade: 11, 12 Credit: 1

This course expands on topics of Algebra and introduces topics of Pre-Calculus. Key concepts of this course include: matrix algebra and systems of equations, functions and their inverses, polynomial functions and inequalities, rational functions and inequalities, exponential and logarithmic functions, conic sections, foundations of trigonometry, and sine and cosine graphs. **Prerequisite(s): Algebra 2 CP or Hon & Geometry CP or Hon or teacher recommendation**

ALGEBRA 3 HONORS 411300HW
Grade: 11, 12 Credit: 1

This intensive and rigorous course is an accelerated college-preparatory course designed primarily for students who plan to major in mathematics or science or a related field in college or who are talented in mathematics. This course expands on topics of Algebra 2 Honors and introduces topics of Pre-Calculus Honors. Key concepts of this course include: matrix algebra and systems of equations, functions and their inverses, polynomial functions and inequalities, rational functions and inequalities, exponential and logarithmic functions, conic sections, foundations of trigonometry, and sine and cosine graphs. **Prerequisite(s): C or better in Algebra 2 Hon or teacher recommendation; A in Algebra 2 CP with teacher recommendation**

PRE-CALCULUS CP/MAG 413100CW/41310ZCW
Grade: 11, 12 Credit: 1

This is a college preparatory course designed to give students a foundation for college calculus but does not provide a strong enough foundation for Advanced Placement Calculus. Key concepts in this course include: functions and their graphs, polynomial and rational functions, exponential, logarithmic, and logistic growth functions, foundations of trigonometric functions, trigonometric graphs and periodic phenomena, analytical trigonometry: identities and equations, conic sections, parametric equations, polar coordinates and curves, and vector and complex number quantities. **Prerequisite(s): Algebra 3 CP or Hon or teacher recommendation**

PRE-CALCULUS HONORS 413100HW
Grade: 11, 12 Credit: 1

This is an accelerated college preparatory course designed to offer students a foundation for Advanced Placement Calculus. Key concepts in this course include: functions and their graphs, polynomial and rational functions, exponential,

logarithmic, and logistic growth functions, foundations of trigonometric functions, trigonometric graphs and periodic phenomena, analytical trigonometry: identities and equations, conic sections, parametric equations, polar coordinates and curves, and vector and complex number quantities. **Prerequisite(s): C or better in Algebra 3 Hon or teacher recommendation.**

AP STATISTICS 417100AW
Grade: 11, 12 Credit: 1

This is a college level course focusing on the use of tools for collecting, analyzing, and drawing conclusions from data. Computer laboratory experiences reinforce concepts with technology. AP Statistics is a college level course that focuses on the use of tools for collecting, analyzing, and drawing conclusions from data. Computer laboratory experiences are planned by the teachers to reinforce concepts with technology and other statistical software packages. Upon completion of this course, each student will design and conduct an experiment or survey on a topic of their interest. A detailed syllabus can be found on line at www.collegeboard.org/ap. Upon completion of this course, each student will take the AP Statistics Examination for possible college credit for one semester of Statistics. **Prerequisite(s): C or better in Algebra 2 Hon or teacher recommendation**

***Note: Students who register for the course, but fail to take the exam will be required to reimburse RVHS the cost of the exam (approx. \$120).*

AP CALCULUS AB 417000AW
Grade: 11, 12 Credit: 1

This highly rigorous course has major emphasis on a variety of functions and their rates of changes. Students who enroll in this course want to pursue careers involving mathematics, science, medicine, engineering, and computer science. The derivative and area under the curve will serve as the theme of the course. Students will analyze various functions with a high emphasis on limits, intermediate value theorem, continuity, differentiation techniques, related rates, optimization, mean value theorem, integration techniques, fundamental theorem of calculus, area under the curve and volume of solids. Practice homework assignments are daily routines. Upon completion of this course, each student will take the AB Calculus Examination for possible college credit for one semester of Calculus. A detailed syllabus can be found on line at www.collegeboard.org/ap. **Prerequisites: C or better in Pre-Calculus Hon and teacher recommendation**

***Note: Students who register for the course, but fail to take the exam will be required to reimburse RVHS the cost of the exam (approx. \$90).*

All science courses are aligned with the State Standards for Science. These standards can be found on the SC State Department of Education web site www.ed.sc.gov. Pre-requisites for science courses are very important in order to ensure student success.

EARTH SCIENCE **326100CW**
Grade: 9 **Credit: 1**
 This course provides students with a basic knowledge of the natural world that will serve as the foundation for more advanced secondary and postsecondary courses and will also give them the science skills necessary for earth science oriented science careers. This course does count as a laboratory science for college preparation.

EARTH SCIENCE HONORS **326100HW**
Grade: 9 **Credit: 1**
 This course covers biology, chemistry, and physics from an earth science perspective and follows the SC Science and Engineering State Standards. This course counts as a laboratory science for college preparation, and covers Earth's place in the universe (astronomy) as well as Earth's hydrosphere, paleo biosphere, geosphere, and atmosphere (weather and climate).

BIOLOGY 1 CP **322100CW**
Grade: 9, 10 **Credit: 1**
 Students taking this course will receive a comprehensive study of fundamental concepts of biological sciences. Students will study the following units throughout the semester: 1) Introduction to Science, 2) Cells, 3) Energy, 4) Molecular Genetics, 5) Cell Division, 6) Heredity, 7) Evolution, and 8) Ecology. Evolution. Lab experiences will reinforce the content of these concepts. A state mandated End of Course Test must be given to every student enrolled in this course and will count 20 % of the final grade.

BIOLOGY 1 HONORS **322100HW**
Grade: 9, 10 **Credit: 1**
 This course is an accelerated, comprehensive, investigation-oriented introduction to biology, stressing the development and organization of living forms and life processes and interactions of life in the natural world. Student-driven design and experimentation will be incorporated throughout the course. Students will be expected to submit projects incorporating current biological and biotechnological principles to enhance their mastery of the content. A state mandated End of Course Test must be given to every student enrolled in this course and will count 20 % of the final grade.
Prerequisite(s): Algebra 2 Hon.; teacher recommendation

CHEMISTRY 1 CP **323100CW**
Grade: 10, 11 **Credit: 1**
 This course is designed for college-bound students with both technical and liberal arts interests. The teaching of traditional chemistry topics revolves around chemistry related issues currently confronting our society and the world. It is designed to help students use chemistry knowledge to make informed decisions about issues involving science and technology and to realize the important role chemistry plays in their lives. Laboratory exercises are an integral part of the course. They are used as a vehicle for understanding the chemical concepts important to a rigorous chemistry course.
Prerequisite(s): Completion of or concurrent enrollment in Algebra 2 CP

CHEM 1 HONORS **323100HW**
Grade: 10, 11 **Credit: 1**
 This rigorous and thorough course prepares the student for any next step in chemistry, either Chem II/AP or the first college course by a grounding in chemical principles, beginning with fundamentals of measurements and atoms and carrying through an introduction to organic, the behavior of gases, and extensive studies of chemistry in solutions including behavior of acids and bases. This course includes an extensive set of laboratory experiences increasing engagement and making the theory real through application of the principles studied. Students contemplating careers in science and comfortable with their skills in math should take this course. **Prerequisite(s): Enrollment in Algebra 2 Honors or AP Stats or teacher recommendation.**

ENVIRONMENTAL SCIENCE **326100CW**
Grade 11, 12 **Credit 1**
 Environmental Science is an upper-level science course designed to provide students with an introduction to the pressing environmental issues of our time. We will examine both the science behind the issues and the social, political and economic reasons behind the responses to the issues.
Prerequisite(s): Completion of Biology 1

ANATOMY AND PHYSIOLOGY **326300CW**
Grade: 11, 12 **Credit: 1**
 This course offers an in-depth study of human body systems, disease and wellness. Advanced dissections and microscope work will be utilized. **Prerequisite(s): Biology 1 and Chemistry 1 with a C or higher.**

PHYSICS **324100CW**
Grade: 11, 12 **Credit: 1**
 This course stresses the basic concepts of physics. Topics presented include mechanics, light, thermodynamics, electromagnetics, and selected topics from modern physics. Students applying to a four year college or university are strongly recommended to take this course. **Prerequisite(s): Enrollment in Algebra 3 CP or Probability and Statistics CP; teacher recommendation**

AP BIOLOGY/ **327200AW**
BIOLOGY 2 **322200HW**
Grade: 11, 12 **Credit: 2 Units(1 Honors/ 1AP)**
 This rigorous college-level course is designed to prepare students for the Advanced Placement Test in Biology given in May by the College Board. This course focuses on the development of scientific skills including critical/analytical thinking, experimental design, data collection and analysis. Students will use these skills to explore evolution, cell structure and communication, energy, heredity, gene regulation, ecology and interactions. Laboratory work is a major component of this course accounting for 25% of class time. Students who successfully complete this course will be prepared to enter advanced biology lab courses in college. The Advanced Placement program is offered as a service to students; therefore, all students who are enrolled in the program will be required to take the Advanced Placement Examination*. **Prerequisite(s): 80% or higher in Biology 1 Honors; Chemistry 1 Honors (or concurrent enrollment during semester 1).**

**Note: Students who register for the course, but fail to take the exam will be required to reimburse RVHS the cost of the exam (approx. \$120).

CHEMISTRY 2 HONORS**Grade: 11, 12****323200HW****Credit: 1**

This course is designed for students who have completed Chemistry 1 and plan to take chemistry courses in college. Emphasis is placed on problem solving in the areas of stoichiometry, gas laws, thermochemistry, equilibrium, bonding and oxidation/reduction reactions. About 50% of the time in this course is spent in an extensive lab program. Students should have completed Algebra 3. This course will serve as a prerequisite for Advanced Placement Chemistry. **Prerequisite(s): C in Chemistry 1 CP or Chemistry 1 Honors and teacher recommendation.**

AP CHEMISTRY**Grade: 11, 12****327300AW****Credit: 1**

This college level course is designed to prepare students for the Advanced Placement Test in Chemistry given in May by College Board. Most colleges and universities give degree credit for satisfactory performance on this test. The Advanced Placement program is offered as a service to students; therefore, all students who are enrolled in this program will be required to take the Advanced Placement Examination. **Prerequisite(s): Chemistry 2 Honors in the same year.**

****Note:** Students who register for the course, but fail to take the exam will be required to reimburse RVHS the cost of the exam (approx. \$120).

AP PHYSICS I**Grade: 12****328200AW****Credit: 1**

The topics to be covered in AP Physics I in a quantitative manner are mechanics, electromagnetics, and waves. All students who are enrolled in this program will be required to take the Advanced Placement Examination.

****Note:** Students who register for the course, but fail to take the exam will be required to reimburse RVHS the cost of the exam (approx. \$120).

AP ENVIRONMENTAL SCIENCE**Grade: 11, 12****327700AW****Credit: 1**

This full year course is equivalent to an introductory, one semester, college level environmental science class. This course is for any student who has successfully completed both high school level biology and chemistry, has an interest in the environment, and someone who likes a challenge. Because this is a college level course, be ready to commit time to your study. This course will cover concepts in ecology, geology, sociology, economics, biology, and chemistry, that will further your understanding of how humans can live sustainably. Integrated in the course is a field study component which will improve your observational skills, allow you to develop, and conduct well-designed experiments, and provide opportunities to interpret and share your results. Students will apply concepts learned in their weekly lessons to their field study, as well as collaborate with classmates regularly on case studies and local environmental concerns to gain a global perspective on environmental issues. The Advanced Placement program is offered as a service to students; therefore, all students who are enrolled in this program will be required to take the Advanced Placement Examination. **Prerequisite(s): Biology 1 and Chemistry 1 with a C or higher.**

****Note:** Students who register for the course, but fail to take the exam will be required to reimburse RVHS the cost of the exam (approx. \$120).

SCIENCE ELECTIVE

FORENSIC SCIENCE**Grade: 10, 11, 12****324500CH****Credit: 1/2**

This course provides an exploration to the diverse world of science through the study of forensics. Students will analyze, process, and piece together crime scenes. **Prerequisite(s): Completion of or concurrent enrollment in Biology 1 CP**

Each student is required by the State Department of Education to complete three units of Social Studies credits in order to receive a South Carolina diploma: one unit of United States History, one-half unit of Economics, one-half unit of American Government, and one elective unit. The Social Studies Department is committed to preparing students for the implementation of the Common Core State Standards.

HUMAN GEOGRAPHY
Grade: 9

331000CW
Credit: 1

Human Geography focuses on the patterns and spatial aspects of populations, culture, urban growth and decline, the spread of ideas and innovations, regional development, and the location of economic activity, as well as problems associated with these processes. This course does not utilize tests or textbooks often and will instead use current events, lecture, and student-produced work to show understanding of several subfields of study, including population, urban, economic, cultural, and political geography, as well as fundamental geographic concepts.

HUMAN GEOGRAPHY HONORS
Grade: 9

331000HW
Credit: 1

This advanced, course is composed of one book study that is relevant to the study of space and place. This class will be interested in recognizing and explaining how natural processes and human activities shape our world. In addition, we will be concerned about understanding why things are located where they are and how they are related to the location of other features, knowledge which allows us to see how historical processes and present activities influence places. Furthermore, we will study and compare different cultures. Although not a prerequisite, this course prepares students for AP Human Geography. **Prerequisite(s): Concurrent enrollment in English 1 Honors or teacher recommendation**

AP HUMAN GEOGRAPHY
Grade: 9

337900AW
Credit: 1

The purpose of AP Human Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. **Prerequisite(s): Rising 9th: MAP RIT Score of 237 or Concurrent Enrollment in English 1 Honors; or a B or better in English 1 Honors.**

WORLD HISTORY CP
Grade: 10

336000CW
Credit: 1

Recognizing a need for an understanding of the people and forces which have helped shape the interdependent and interconnected modern world, emphases in this course will include geography, social structures, government, religions, advancements in science and technology, social, political, and economic changes, conflicts, and people of historic note, places, and events. Skills in critical thinking, especially those that try to explain why and how people, ideas, and technology have impacted the world, will be taught and practiced.

WORLD HISTORY HONORS
Grade: 10

336000HW
Credit: 1

This course is a rigorous, honors-level class. There is a heavy emphasis on writing and research skills. Recognizing a need

for an understanding of the people and forces which have helped shape the interdependent and interconnected modern world, emphases in this course will include geography, social structures, government, religions, advancements in science and technology, social, political, and economic changes, conflicts, and people of historic note, places, and events. Skills in critical thinking, especially those that try to explain why and how people, ideas, and technology have impacted the world, will be taught and practiced. **Prerequisite(s): Recommendation from teacher, and preferably, concurrent enrollment in English 2 HON**

AP WORLD HISTORY
Grade: 10

337700AW
Credit: 1

AP World History is a rigorous, college-level course designed to explore human history. To this end, the course devotes considerable amount of time to the critical evaluation of primary and secondary sources. A special emphasis will be given to the preparation for the National AP Exam, including historical writing through essay and document-based questions (DBQ) as well as objective evaluations. Students will have required reading to complete before the course begins. **Prerequisites: C or better in AP Human Geography or B or better in Human Geography Honors with teacher recommendation.**

****Note: Students who register for any AP Course, but fail to take the exam will be required to reimburse RVHS the cost of the exam (approx. \$120).**

US HISTORY
Grade: 11

332000CW
Credit: 1

The course will begin with the colonization of North America in the seventeenth century and will explore the economic, political, social, intellectual, and cultural aspects of nation development through the twenty-first century. This course will utilize primary and secondary sources to enhance student's critical thinking skills and analytical skills with the overall goal of promoting good citizenship. Every student enrolled in this course must take a state mandated end-of-course exam which will count as 20% of the students' final grade.

US HISTORY HONORS
Grade: 11

332000HW
Credit: 1

This course is a rigorous, honors-level class designed specifically for the college-bound students. In studying the history of the United States, this course will utilize both primary and secondary sources to enhance students' critical thinking, analytical, research, and presentation skills, with the overall goal of promoting good citizenship. The course will begin with the colonization of North America in the seventeenth century and will explore the economic, political, social, intellectual, and cultural aspects of nation development through the twenty-first century. Every student enrolled in this course must take a state mandated end-of-course exam which will count as 20% of the students' final grade. **Prerequisite(s): Recommendation from teacher, and preferably, concurrent enrollment in English 3 HON.**

Personal Finance
Grade: 10

335131CW
Credit: 1

Personal Finance course introduces students to the fundamentals of personal finance, which include budgeting, credit and lending processes, maintaining accounts, evaluating investments, managing financial risk, computing taxes, and analyzing the basic elements of finance. Students will be exposed to the tools and knowledge to make sound financial decisions for life. This course a graduation requirement beginning with students that enter high school after 2022.

AP US HISTORY**Grade: 11**

This course is recommended for highly motivated, college-bound students who have demonstrated a previous record of excellence in both English and Social Studies courses. It is designed to prepare students for the College Board Advanced Placement Examination through which the student may earn college credit. Extensive reading is required, and primary and secondary sources will be utilized to provide students with a more in-depth understanding of United States History. Every student enrolled in this course must take a state mandated end-of-course exam which will count as 20% of the students' final grade. **Prerequisite: C or better in AP Human Geography or AP World History; or C or better in Human Geography Honors or World History Honors OR teacher recommendation.**

****Note: Students who register for any AP Course, but fail to take the exam will be required to reimburse RVHS the cost of the exam (approx. \$120).**

US GOVERNMENT**Grade: 12**

Designed for the college-bound student, this course describes, analyzes, and explains the major components and workings of the American system of government. Students should gain a better understanding and appreciation for this nation's constitutional government and its functions. **Prerequisite(s): Successful completion of U.S. History.**

US GOVERNMENT HONORS**Grade: 12**

This course is a rigorous, honors-level class designed for the college-bound student. This course describes, analyzes, and explains the major components and workings of the American system of government. Students should gain a better understanding and appreciation for this nation's constitutional government and its functions. **Prerequisite(s): Successful completion of U.S. History OR teacher recommendation**

AP US GOVT. & POLITICS**Grade: 12**

AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behaviors. Students will also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, students will complete a political science research or applied civics project. AP U.S. Government and Politics is equivalent to a one-semester introductory college course in U.S. government. **Prerequisites: C or better in AP U.S. History or an A in U.S. History CP OR teacher recommendation.**

****Note: Students who register for any AP Course, but fail to take the exam will be required to reimburse RVHS the cost of the exam (approx. \$120).**

ECONOMICS**Grade: 12**

The primary emphasis will be on basic economic concepts, micro and macro-economic theory, and consumer economics. Through class simulations, independent research, and statistical analysis of economic data, students will gain the knowledge and skills to enable them to make reasoned, objective

judgments and decisions about contemporary issues. **Prerequisite(s): Successful completion of U.S. History.**

ECONOMICS HONORS**Grade: 12**

This course is a rigorous, honors-level course, and is designed for the college-bound student. The primary emphasis will be on basic concepts, and micro- and macro-economic theory. Through class simulations, independent research, project-based learning, parallel readings, and statistical analysis of economic data, students will gain the knowledge and skills to enable them to make reasoned, objective judgment and decisions on contemporary issues. **Prerequisites: successful completion of U.S. History, and a teacher recommendation.**

AP MICROECONOMICS**Grade: 12**

The AP Microeconomics course is a challenging, theory based, honors-level course designed for the qualified college bound senior. The curriculum is specifically constructed to prepare the student for the AP Microeconomics exam which is administered in early May. Course content will include: scarcity; specialization, economic systems, supply and demand, models of consumer choice, elasticity; firm production costs, product pricing and output determination, efficiency, factor markets, and an analysis of the role of government in the American economy. Course will include parallel reading assignments. **Prerequisite(s): Advanced math placement or teacher recommendation.**

****Note: Students who register for the course, but fail to take the exam will be required to reimburse RVHS the cost of the exam (approx. \$120).**

AFRICAN AMERICAN STUDIES**Grade: 10, 11, 12**

Students in African American Studies will analyze the African diaspora through the scope of United States history. This course is designed to develop students' understanding of the historic and modern contributions of Black Americans through art, education, science, politics, reform movements, and more. This course will challenge each student's ability to critically think, form arguments using evidence, analyze sources, and critique ideas. African American Studies provides students the opportunity to gain a greater appreciation for Black history and the fight for equality.

AP AFRICAN AMERICAN STUDIES**Grade: 10, 11, 12****Credit: 1**

AP African American Studies is a rigorous, college-level course designed to analyze the African diaspora through the scope of United States history. From the slave economy to the civil rights movement, from science to literature, and from the blues to hip-hop, African Americans have had an important role in shaping American society and culture. Students in AP African American Studies explore the contributions of Black Americans through history, politics, culture, and economics. Extensive reading and writing is required, and primary and secondary sources are utilized to provide students with a more in-depth understanding of Black history. The course will prepare students for the Advanced Placement examination, from which students may earn college credit. **Prerequisite(s): recommendation from previous AP course teacher.**

337200AW**Credit: 1****335000HH****Credit: 1/2****333000CH****Credit: 1/2****330000HH****Credit: 1****337300AW****Credit: 1****339903CH****Credit: 1/2****736000AW**

CURRENT EVENTS

Grade: 10, 11, 12

Current Events introduces students to issues that influence our life in this global, multicultural society. Students will research current economic, political, social, and cultural problems, and explore how ongoing conflicts affect groups as well as individuals. Some of the pressing problems facing our rapidly changing society will be examined in detail using a variety of media. Critical thinking skills and technology-related research is emphasized. Speaking and listening skills are reinforced through class discussions and oral presentations.

333700CH

Credit: 1/2

Credit: 1 HS or 3 College Credit Hours

This course emphasizes the fundamental concepts and principles of sociology, including culture, socialization, interaction, social groups and stratification, effects of population growth, and technology in society and social institutions. **Prerequisite(s): Reading Score of 40+ and Writing Score of 20+ on Midland Tech's Placement Exam, Accuplacer.**

****Note: While there is no charge for tuition, students will be responsible for the purchase of all books used in any dual credit course.**

LAW EDUCATION I

Grade: 10, 11, 12

Also known as Criminal Justice 1 -This course is designed to give students an in-depth understanding of the early phases of the criminal justice system and process. This course will focus on the criminal justice process from the commission of a crime to the police search, seizure and arrest phase. A strong emphasis will be placed on 4th Amendment constitutional protections. This course will consist of two primary units: Unit 1: Crime to include the different types and categories of crimes to include crimes against people and property; Unit 2: Levels of law enforcement, police searches, seizures and arrests to include search warrants and arrest procedures and case law.

333600CH

Credit: 1/2

PSY 201: GEN. PSYCHOLOGY

334200EW

Grade: 10, 11, 12

Credit: 1 HS or 3 College Credit Hours

This course includes the following topics and concepts in the science of behavior: scientific method, biological bases for behavior, perception, motivation, learning memory, development, personality, abnormal behavior, therapeutic techniques and social psychology. **Prerequisite(s): Reading Score of 40+ and Writing Score of 20+ on Midland Tech's Placement Exam, Accuplacer.**

****Note: While there is no charge for tuition, students will be responsible for the purchase of all books used in any dual credit course.**

LAW EDUCATION II

Grade: 9, 10, 11, 12

Also known as Criminal Justice 2 - This course is a continuation of Law Education I and is supposed to be taken after successful completion of Law Education I. This course is designed to give students an in-depth understanding of the later phases of the criminal justice system and process. This course will focus on the pre-trial process, the criminal trial process, and punishment and corrections to include due process rights and protections found in the 5th, 6th and 8th Amendments. This course consists of three primary units: Unit 1: The Pre-trial Process, Unit 2: The Criminal Trial Process, Unit 3: Punishment and Corrections and the S.C. Prison System. Prerequisites: Successful completion of Law Education I with a passing grade of a 60 or higher (without having to complete credit recovery)

339923CH

Credit: 1/2

AP PSYCHOLOGY

437100AW

Grade: 11, 12

Credit: 1

This course is recommended for exceptionally talented college-bound students who have demonstrated a previous record of excellence in English and social studies courses. It is designed to prepare students for the College Board Advanced Placement Examination in which they may earn college credit. The AP Psychology course is intended to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. All students who are enrolled in this course are required to take the Advanced Placement Examination. **Prerequisites: C or better in AP Language, B or better in English 2 or 3 Honors, or an A in English 2 or 3 CP**

****Note: Students who register for any AP Course, but fail to take the exam will be required to reimburse RVHS the cost of the exam (approx. \$120).**

LAW EDUCATION III

Grade: 9, 10, 11, 12

This is a stand-alone Law Education course that may be taken separately from Law Education I and II. This course will consist of three separate units and taught in the following sequence. Unit 1: Torts: Civil Law and Law Suits to include types of torts and civil procedure in S.C. Unit 2: Family and Domestic Law to include marriage law, divorce law, adoption, and parent and child rights. Unit 3: 1st Amendment Freedoms and Protections to include freedom of religion, speech, petition, assembly, and press and associated Supreme Court decisions and 1st Amendment case law.

339924CH

Credit: 1/2

SIOCOLOGY

Grade: 9, 10, 11, 12

This course is designed to give students an in-depth understanding of human society and social behavior. This course will cover the following topics: culture, socialization, race and ethnicity, adolescent behavior, government structures, politics, education, and religion.

334500CH

Credit: 1/2

SOC 101: INTRO TO SOCIOLOGY

Grade: 10, 11, 12

334700EW

ARMY JROTC

The Junior Reserve Officers Training Corps (JROTC) Program at Ridge View High School, prepares students for responsible leadership roles while promoting scholastic excellence and an awareness of their rights, responsibilities, and privileges as American citizens. The program is a stimulus for promoting graduation from high school and provides instruction, training, and rewarding opportunities that will benefit the JROTC cadet, the community, and ultimately, the nation. Cadets are challenged both physically and mentally by a curriculum which stresses self-discipline, teamwork, application of leadership skills and personal responsibility. Emphasis is placed on creating a proactive environment where students are participants rather than spectators in the learning process. Numerous extracurricular activities including drill team, color guard, and rifle team which are open to both men and women. Each semester a student is enrolled as a cadet and successfully completes the semester they will be awarded credit for completion of a Leadership Education Training (LET) level. Every effort will be made to accommodate students transferring from other JROTC programs.

Students enrolled in ARMY JROTC classes must meet US Army haircut and facial hair standards and wear the Army uniform at least once each week. Uniforms, which are US Government property, are issued at no charge to the student but must be properly dry cleaned and returned at the end of the year with proof of proper cleaning via receipt or like item.

The following conditions could result in the student being withdrawn from an JROTC course with a grade of Withdraw/Fail (W/F): failure to wear the uniform on three separate occasions failure to conform JROTC standards including failure to get a military style haircut or refusal to shave when in uniform which result in undermining the authority of the instructors and/or the Corps of Cadets' Chain of Command.

Absolutely no military obligation is incurred as a result of enrollment in the Army JROTC program. The combined enrollment of all students in each class period/block classes cannot exceed 35. Seats will be assigned on a first come, first served basis.

ARMY JROTC 1 **375100CW**
Grade: 9, 10, 11, 12 **Credit: 1**
 Open to first year cadets, this course is designed to introduce students to Army JROTC. The course includes: evolution of US citizenship and the freedoms stated in the Bill of Rights; the history, purpose, ranks, organizational structure and awards of the Army JROTC program; the traditions, customs, and courtesies of the military; respect for the US Flag and National Anthem and the importance of civilian career planning, goal setting and time management. Students successfully completing Army JROTC 1 will earn 1 Physical Education (PE) credit per South Carolina State Department of Education policy.

ARMY JROTC 2 **375200CW**
Grade: 9, 10, 11, 12 **Credit: 1**
 Army JROTC 2 is designed for second-year cadets. The program introduces leadership skills required within the JROTC battalion. These skills will help cadets be successful both in school and after graduation. Course subjects include techniques of communication, leadership, laboratories, first aid, map reading, history, American citizenship, career opportunities, the role of the US Army and technology awareness. Requirements from LET 1 continue apply. **Prerequisite(s): C or better in JROTC 1 or approval of the Instructional Staff.**

ARMY JROTC 3 **375300CW**
Grade: 10, 11, 12 **Credit: 1**
 Army JROTC 3 is designed for third-year cadets. The program is the applied leadership development year. The cadet assumes greater responsibility of leadership. Cadets of this class normally fill the senior cadet positions, and they will have an opportunity to practice the leadership theories taught in the preceding years. Instruction in the finer techniques of leadership, including delegation of authority and supervision of subordinates highlight this year's instruction. The cadet staff officers, under the supervision of the Battalion Executive Officer, will perform all of the administration requirements required to keep the Corps of Cadets functioning smoothly. In addition, LET-3 cadets will be called upon frequently to prepare for and teach classes, thus achieving the practical experience necessary for leadership positions. Among subjects covered during the year are: advanced map reading, marksmanship, military history, and communications. Requirements from LET 1 continue to apply. **Prerequisite(s): C or better in JROTC 2 or approval of the Instructional Staff.**

ARMY JROTC 4 **375400CW**
Grade: 10, 11, 12 **Credit: 1**
 Army JROTC 4 is designed for fourth-year cadets. The cadets who are accepted for this program are a select group. They will be placed in a course of study with the primary emphasis placed on the practical application of the cadet's leadership duties and responsibilities within the Corps of Cadet. They will act as a class instructor and/or assistant class instructors for such subjects as: leadership labs, drill and ceremony labs, map reading, marksmanship, citizenship, military history, and communications. **Prerequisite(s): C or better in JROTC 3 or approval of the Instructional Staff**

ARMY JROTC 5 **375500CW**
Grade: 11, 12 **Credit: 1**
 Students occupy upper level command and staff position necessary for the proper functioning of the cadet battalion. LET V cadets supervise and lead lower level leaders and entry level cadets, planning and presenting classroom and drill instruction. Cadets at this level actually perform the administrative and management tasks required to operate a military unit or small civilian company. All students will complete an independent study project agreed upon by the student and the Senior Army Instructor. Approximately 90 hours of this course are taught on an independent study basis. Uniform, appearance, and physical conditioning requirements from LET I continue to apply. **Prerequisite(s): C or better in JROTC 4 or approval of the Instructional Staff.**

ARMY JROTC 6 **375600CW**
Grade: 11, 12 **Credit: 1**
 Students occupy top level command and staff positions in the cadet battalion. Emphasis is on operating the unit at a high level of efficiency and preparing the unit for annual inspection by JROTC headquarters. LET VI cadets prepare LET V cadets to assume command and control of the battalion via training in future planning and command-and-staff interaction techniques. All students will complete an independent study project agreed upon by the student and the Senior Army Instructor. Approximately 90 hours of this course are taught on an independent study basis. Uniform, appearance, and physical conditioning requirements from LET I continue to apply. **Prerequisite(s): C or better in JROTC 5 or approval of the Instructional Staff.**

ARMY JROTC 7 **375700CW**
Grade: 12 **Credit: 1**
 Students occupy top level command and staff position in the cadet battalion and supervise subordinate cadet staff officers to insure that the cadet battalion operates at a high level of efficiency. Students will be responsible for updating and maintaining database, collecting data and preparing reports required by the school and the United States Army Cadet Command. All students will complete an independent study project agreed upon by the student and the Senior Army Instructor. Approximately 90 hours of this course are taught on an independent study basis. Uniform Appearance and physical conditional requirements for LET I continue to apply. **Prerequisite(s): C or better in JROTC 6 or approval of the Instructional Staff.**

ARMY JROTC 8 **375800CW**
Grade: 12 **Credit: 1**
 Students act as primary assistant to the instructional staff. In addition to normal command and staff responsibilities, these students will prepare, rehearse and present instruction in the areas of physical training, drill and ceremonies, military customs and courtesies, and other subjects deemed appropriate by the instructional staff. All students will complete an independent study project agreed upon by the student and the Senior Army Instructor. Approximately 90 hours of this course are taught on an independent study basis. All student instruction will be presented based on guidance from and under the supervision of an instructor. Uniform, appearance, and physical conditioning requirements from LET I continue to apply. **Prerequisite(s): C or better in JROTC 7 or approval of the Instructional Staff.**

CAREER PREP

Is an alternative, non-diploma program that is unique to Richland School District Two. This program focuses on the job readiness (soft skills) and life skills necessary for students to successfully enter the adult world. Students are required to pass all portions, Applied Mathematics, Workplace Documents, and Graphical Literacy, of the WorkKeys Exam. They will have the opportunity to use ACT's Career Ready 101 curriculum to further develop their reading, math, and job readiness skills in preparation for the exam. This ensures, at a minimum, a Bronze National Career Readiness Certificate, which is advantageous for employment in many major businesses which use this assessment for hiring purposes. The program also includes the curriculum *Knowledge Matters* through which students learn personal finance, financial literacy, career and life skills. A transitional specialist works closely with students to assist students in passing the high school equivalency or General Education Development (GED) test. Prior to completion of the program, students will be expected to take: a Career and Technology Education (CATE) class, Personal Health, and Biology, as well as taking the End-Of-Year Course (EOC) tests required for these classes. In addition to their work in the classroom, students take part in job shadowing, paid and unpaid internships, and certification classes within their career cluster preference to provide real-world work experiences.

Through this course, certification opportunities exist in several career clusters such as ServSafe (Food Handling), Occupational Safety and Health Administration (OSHA) 10/30, Heating Ventilation and Air Conditioning (HVAC), Forklift Operation, Floor Technician, Herbicide/Pesticide Application, Certified Nursing Assistant (CNA), Pharm Tech, Automotive Tech, Building and Construction Tech, Emergency Medical Responder, etc. Additionally, other opportunities can be arranged given the student's individual certification needs. These certifications enable students to enter the workforce with skills that have been identified by industry as necessary to successfully find and retain employment. While students are required to earn at least one certificate, they may be able to earn multiple certificates based on an individual student's career choices.

Is a course that consists of joint arrangements between school and employers allowing students to receive on-the-job training while still attending school. A job coach develops job training sites in the community and helps to supervise students' progress on the job. A business advisory board assists in identifying potential job sites, and the skills students need to be successful in their chosen career. Students in this course are required to accumulate 200 hours of paid work experience with favorable reviews under the supervision of the job coach for the Career Prep Program.

*Note: This course is only available to students enrolled in the Career Prep Program.

ESOL (English for Speakers of Other Languages)

ESOL 1

This course is designed to give beginning, non-native speakers of English the survival skills needed for school and real-world communication. Students build language skills primarily in listening and speaking formats and are introduced to the foundations of English phonics and syntax through reading and writing. Students receive instruction in basic reading and writing skills to improve their English proficiency. **Prerequisite(s): Test scores and teacher recommendation**

ESOL 2

This course is designed to be a continuation of ESOL 1 or a course for incoming students with limited English proficiency. Students build fluency in speaking and listening that move them beyond the survival level. Students also engage in reading and writing skills on inter-disciplinary topics for the purpose of building the foundations of vocabulary and understanding their other coursework. **Prerequisite(s): Test scores and teacher recommendation.**

ESOL 3

This course serves as a continuation of ESOL 2 or as an entry point of study for intermediate English language learners. It is primarily designed to help students construct academic reading and writing skills, while simultaneously taking students into fluency in speaking and listening. Inter-disciplinary academic vocabulary is stressed while considering many topics of study. Diverse genres of literature and literary devices will be studied, and students will complete leveled reading assignments. Writing for various purposes will be composed, revised, and edited. **Prerequisite(s): Test scores and teacher recommendation**

ESOL 4

This course offers advanced learners of the English language the opportunity to continue their pursuit of academic proficiency beyond ESOL-B1 Level. Students participate in extended listening and speaking interactions and learn nuances of diverse forms of social communication. Students are challenged to read, analyze and evaluate novel-length pieces of literature as well as other forms of popular and academic writing. Students will also complete compositions on a variety of interdisciplinary topics using academically appropriate vocabulary and syntax. **Prerequisite(s): Test scores and teacher recommendation.**

The Career and Technology Education Department offers rigorous and relevant courses which prepare students for a wide range of high-wage, high-skill, high demand careers. All courses are developed around 21st century technology and global work force standards and provide students with real world experience. . Hands-on courses allow students the opportunity to explore career options, train for a future career, complete courses which may give credit on the post- secondary level and earn industry credentials and certifications.

ACCOUNTING 1 **500100CW**
Grade: 10, 11, 12 **Credit: 1**
 This course is designed for students planning to attend a 2- or 4-year college, pursuing a career in business and for students planning to enter the workforce immediately after graduation. Students will learn skills that will be helpful in all areas of business management. **Prerequisites: C or better in Algebra 1**

ENTREPRENEURSHIP **540000CW**
Grade: 10, 11, 12 **Credit: 1**
 This course is designed to provide a general overview of the American enterprise system with special emphasis on small business ownership. An important part of the course will be development of a business plan and business and managerial leadership skills related to the functions of planning, organizing, staffing, directing and controlling a small business. **Prerequisite(s): Successful completion of Middle School Keyboarding or Computer Science course.**

MARKETING

MARKETING **542100CW**
Grade: 10, 11, 12 **Credit: 1**
 This course provides the foundation for all marketing completers ,introduces marketing concepts; examines the economic, marketing and business, and human resource foundations of marketing; and gives an overview of the marketing functions of selling, promotion, distribution, risk management, pricing, purchasing, marketing information management, product/service planning and financing.

ADVERTISING **547000CW**
Grade: 10, 11, 12 **Credit: 1**
 This course is designed to introduce the concepts of advertising, planning strategies, communication skills, and professional development. Course content includes budget development, media selection, design, and the preparation of ads for various media such as print, television, and web.

INFORMATION TECHNOLOGY

FUNDAMENTALS OF WEB PAGE DESIGN AND DEVELOPMENT **503100CW**
Grade: 9, 10, 11, 12 **Credit: 1**
 This course is designed to provide the student with the knowledge and skills needed to design Web pages. Students will develop coding skills in HTML XHTML(XML), CSS, and JavaScript. Students will design, implement, and maintain a personal web site.

ADVANCED WEB PAGE DESIGN AND DEVELOPMENT **503200CW**
Grade: 10, 11, 12 **Credit: 1**
 This course is a continuation of Web Page Design and Development 1. This course is designed to provide the student with the knowledge and skills needed to design Web pages. Students will develop skills in designing, implementing, and maintaining a Web site using authoring tools such as Adobe Dreamweaver CS4, Fireworks CS4, and Flash Professional CS4. Upon completion students are prepared and encouraged to take the Adobe Certified Associate- Dreamweaver certification examination. **Prerequisite(s): Successful completion of Fundamentals Web Page Design & Development.**

FOUNDATIONS OF ANIMATION **535000CW**
Grade: 10, 11, 12 **Credit: 1**
 This course teaches students how to create and deliver interactive content across desktops and devices with a focus on establishing a working knowledge of animation tools and techniques. This course examines the features of Adobe's popular Flash software that is the professional standard for producing high-impact Web sites using animation, video, text, graphics and audio. Students create rich media applications that span a wide variety of digital devices, from desktops to mobile devices. **Prerequisites: Imaging Editing 1 , Digital Multimedia, or Web Page Design and Development 1**

FUNDAMENTALS OF COMPUTING **502300CW**
Grade: 9, 10, 11, 12 **Credit: 1**
 Fundamentals of Computing is designed to introduce students to the field of computer science through an exploration of engaging and accessible topics. Through creativity and innovation, students will use critical thinking and problem solving skills to implement projects that are relevant to students' lives. They will create a variety of computing artifacts while collaborating in teams. Students will gain a fundamental understanding of the history and operation of computers, programming, and web design. Students will also be introduced to computing careers and will examine societal and ethical issues of computing.

AP COMPUTER SCIENCE **477500AW**
Grade: 12 **Credit: 1**
 The AP Computer Science Principles course is designed to be equivalent to a first-semester introductory college computing course. In this course, students will develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. The course is unique in its focus on fostering student creativity. They will also develop effective communication and collaboration skills, working individually and collaboratively to solve problems, and discussing and writing about the importance of these problems and the impacts to their community, society, and the world. **Prerequisites: Teacher Recommendation**

Computer Science

COMPUTER PROGRAMMING with Java 1 505200CW
Grade: 10 **Credit: 1**

This course is designed to emphasize the fundamentals of computer programming. Topics include computer software, program design and development, and practical experience in programming, using modern, object-oriented languages.

COMPUTER PROGRAMMING with Java 2 505053CW
Grade: 11 **Credit: 1**

This course is required to be a computer science IT completer complete. The course is a follow up of Java 1 and covers more advanced covers more advanced concepts such as data structures.

AP COMPUTER SCIENCE A 477100AW
Grade: 12 **Credit: 1**

AP Computer Science A is equivalent to a first-semester, college level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. The AP Computer Science A course curriculum is compatible with many CS1 courses in colleges and universities.

Engineering

CORE ENGINEERING 1 637000CW
Grade: 9 **Credit: 1**

Manufacturing and production technology is a conscious exploration of the processes that take raw materials to finished goods. Student teams take their designs from concept sketches to finished products while defining the systems structure of a manufacturing enterprise. Their manufacturing process activities will use CNC equipment, plastics mold design and rapid prototyping. This IIU provides students with the opportunity to create new products of their own design. Prerequisite: Enrollment in the CAT program.

CORE ENGINEERING 2 637100W
Grade: 10 **Credit: 1**

Students develop an understanding of the materials and processes used to create the products they encounter every day. They'll use, test, and process natural and synthetic materials like plastics, metals, wood composites and textiles. Using the Paxton TSB 5000 Materials Tester and other technical apparatus, student teams will explore the properties of raw and processed materials. Prerequisites: Enrollment in the CAT program.

CORE ENGINEERING 3 637500CW
Grade: 11 **Credit: 1**

An advanced course, intended for 11th -12th graders, using the Paxton-Patterson CAREERplus2 modules of Alternative Energy & Environment and Architecture & Construction. Students, working in teams of four, experience both modules during a daily 45 minute year long class.

CORE ENGINEERING 4 637600CW
Grade: 12 **Credit: 1**

An advanced course, intended for 11th -12th graders, using the Paxton-Patterson CAREERplus2 modules of Manufacturing & Materials and Robotics. Students, working in teams of four, experience both modules during a daily 45 minute year long . Students have the opportunity to earn the associate level certification in SolidWorks® 3D software for design and engineering.

HEALTH SCIENCE

HEALTH SCIENCE 1 555000CW
Grade: 9, 10, 11 12 **Credit: 1**

Interested in the medical field? Health Science is the first course in this direction. The course is designed to develop healthcare specific knowledge and skills with both academic and technical applications necessary for transition to clinical or work-based experiences in the healthcare field. Students will learn a broad spectrum of anatomy and physiology, medical terminology, communication skills in the 21st Century, healthcare careers, CPR, basic first aid, legal and ethical applications, and safety applications (fire extinguisher use, gloving, hand-washing, pulse and the beginnings of blood pressure taking). Health career exploration will focus on the 5 areas of healthcare: therapeutic, diagnostic, health informatics, support services and biotechnology research. All students are given the opportunity to job shadow during this course of study. Job shadowing/field studies are a mandatory component of this class. Uniforms must be purchased for CPR training, job shadowing and field studies. Health Science 1 is one of the courses needed to become a Health Science completer. Health Science completers finish High School with 4 courses of study within the Health Science field and are prepared for entry level positions. **Cost: \$ 40.00 (Course Fee for basic uniform and CPR certification)**

HEALTH SCIENCE 2 555600CW
Grade: 10, 11 12 **Credit: 1**

Health Science 2 is a more in-depth discovery of careers and applications in the medical field of study. The foundational standards incorporate anatomy/physiology, diseases, therapies and care rehabilitation, prevention, systems theory, legal standards, ethical and safety practices and skills, advanced technical skills and information technology applications. Students learn and apply technical skills in real world situations (blood pressure, measuring, temperature skills, eye chart and weighing). Students will have hands-on experiences for expanded knowledge and skills development. Field studies are mandatory. This is the second course for completer status. **Prerequisite(s): C or better I Health Science 1 OR teacher recommendation. Cost \$60.00 (uniform and certifications)**

HEALTH SCIENCE (Cont.)

MEDICAL TERMINOLOGY **554000CW**
Grade: 10, 11 12 **Credit: 1**
 Medical terminology is a rigorous course designed to help students develop a working knowledge of the language of medicine. Students acquire word-building skills by learning prefixes, suffixes, roots, and abbreviations. Utilizing a body systems approach, the student will define, interpret, and pronounce medical terms relating to structure and function of the human body, pathology, diagnosis, clinical procedures, and pharmacology. Common abbreviations applicable to each system will be interpreted. Students will be required to complete projects that incorporate various forms of technology for most body systems. **Prerequisite(s): Minimum sophomore status or Instructor approval; Strong desire for a career in health-related field**

HEALTH SCIENCE CLINIC STUDY **556000CW**
Grade:12 **Credit: 1**
 This course prepares students to become a Certified Nursing Assistant after passing both sections of the National CNA Exam and Skills Assessment. This CNA course is designed to provide information on the aging process, the physical care and psychosocial skills of the aging client, and the role of the nursing assistant. Students serve a minimum of 40 clinical hours at NHC-Parklane. Student must provide his/her own transportation to and from the facility. **Students enrolled in this course are not eligible to enroll in Early Bird courses due to the nature of the clinical hours.** **Prerequisite(s): Instructor approval; Cost: \$80.00 (uniform and certifications)**

SPORTS MEDICINE 1 **555500CW**
Grade: 10, 11, 12 **Credit: 1**
 Sports Medicine 1 emphasizes the prevention of athletic injuries, including the components of exercise science, anatomy, principles of safety, first aid, cardiopulmonary resuscitation (CPR), and vital signs. Subject matter will also include discussion of legal issues, members of the sports medicine team, nutrition, protective sports equipment, environmental safety issues, taping, and wrapping, mechanisms of injury, and application of other sports medicine concepts. Students interested in healthcare careers in athletic training, physical therapy, medicine, exercise physiology, nursing, biomechanics, nutrition, psychology, and radiology will benefit from this course.

SPORTS MEDICINE 2 **555600CW**
Grade: 11, 12 **Credit: 1**
 Sports Medicine 2 emphasizes the assessment and rehabilitation of athletic injuries. Subject matter will include discussion of specific conditions and injuries that may be experienced by individuals participating in athletic activities. In addition, the use of appropriate therapeutic modalities and exercise in the care and rehabilitation of injuries will be examined. Advanced concepts related to the administrative aspects of the sports medicine program will also be covered in this course. **Prerequisite(s): Successful completion of Sports Medicine 1 with a C or better. Cost: Possible additional costs.**

SPORTS MEDICINE 3 **555700CW**
Grade: 12 **Credit: 1**
 Sports Medicine 3 emphasizes the student's ability to apply concepts from previous Sports Medicine course work to real-world situations and scenarios. A priority will be placed on

understanding the current research and evidence based practices affecting the practice of Sports Medicine professionals. Students will develop policies, procedures, and guidelines based on these aspects, as well as explore detailed treatment and rehabilitation procedures for common athletic injuries. Students are expected to participate in clinical situations either at school with their athletic department or in an outside clinical setting for real world experience. **Prerequisite: Successful completion of Sports Medicine 2 with a C or better. Cost: Possible additional costs.**

MASTER HAIR CARE (BARBERING)

BARBERING/MASTER HAIR CARE 1 **615800CD**
Grade: 10, 11 **Credit: 2**
 The Barbering/Master Hair Care Specialist Program is designed to prepare students to become Registered Barber Master Hair Care Specialists. This is a two to three year completion program. Students will perform techniques and arts such as hair cutting and styling, facial treatments, trimming and shaving of facial hair, chemical hair relaxing, tinting, coloring, shampooing, and rinsing.

Special Requirements: Students must receive a negative tuberculin skin test and complete an application for SC Student Permit (\$35.00 application fee) prior to enrolling in the course. Students enrolled in the course agree to pay a fee (approximately \$400.00) for the required textbooks and the professional student toolkit. Fees are non-refundable. (1 Year)

Prerequisite(s): Teacher approval via application.

BARBERING/MASTER HAIR CARE 2 **615900CD**
Grade: 11, 12 **Credit: 2**
 This course is a continuation of Barbering 1. Students must have successfully completed Barbering/Master Hair Care 1 with a C+ or better course average and good attendance. Students will be encouraged to join the student organization Skills USA. **Prerequisite(s): Barbering/Master Hair Care 1 (1 Year)**

BARBERING/MASTER HAIR CARE 3 **616000CD**
Grade: 12 **Credit: 3**
 This course is a continuation of Barbering/Master Hair Care 2. Students must have successfully completed Barbering/Master Hair Care 2 with a C+ or better course average and good attendance. Students will be encouraged to join the student organization Skills USA. **Prerequisite: Barbering/Master Hair Care 2 (Semester)**

BARBERING/MASTER HAIR CARE 4 **616061CD**
Grade: 12 **Credit: 3**
 This course is a continuation of Barbering/Master Hair Care 3. Students must have successfully completed Barbering/Master Hair Care 3 with a C+ or better course average and good attendance. Students will be encouraged to join the student organization Skills USA. **Prerequisite: Barbering/Master Hair Care 3 (Semester)**

The Fine Arts Department offers a wide range of courses to meet the interests and talents of students of varying levels. Courses are offered in the areas of visual arts, music, theater and dance. The arts curricula are based on state and national standards and goals. The broad goals of all arts courses are to develop skills, knowledge, and techniques in arts literacy, creative expression, aesthetic valuing and perception, and historical and cultural heritage.

BAND*

INST MUS: MARCHING BAND 353000CW
MARCHING BAND with PE 444002CW
Grade: 9, 10, 11, 12 **Credit: 1**

This Late Bird course is open to all students who play a band instrument and successfully pass an audition in the spring semester of the previous school year. Instrumentalists must be enrolled in either Symphonic Band Class or Wind Ensemble Class for both semesters. Students must attend Summer Band Camp, Fall Mini-Camp, after school rehearsals, football games, contests and parades. **Prerequisite(s): Middle school band director's recommendation or audition** **Cost: Band Camp: \$350.00**

BAND 2: CONCERT 353200CW
Grade: 9, 10, 11, 12 **Credit: 1**

This course is open to all students who do not successfully pass the audition for Symphonic Band. This group provides structure for development of performance skills, tone production, technical facility, and music fundamentals. **Prerequisite(s): Previous band experience.** **Cost: Band Fee \$200 (for non-marching band members), winter camp fee \$120 and concert attire (dress=\$70 & tux=\$111)**

BAND 3: SYMPHONIC 353300CW
Grade: 9, 10, 11, 12 **Credit: 1**

This course is open to all students who successfully pass an audition. It is a performing band for students at an intermediate level of proficiency. The Symphonic Band provides structure for development of performance skills, tone production, technical facility, and music fundamentals. Students must attend the Winter Band Camp, after school sectionals and/or rehearsals, and concerts. **Prerequisite(s): Audition and successful completion of previous semester of band.**

BAND 4: WIND ENSEMBLE HONORS 354000HW
Grade: 9, 10, 11, 12 **Credit: 1**

This course is open to all band students who successfully pass an audition. It is a performing band for students at an advanced level of proficiency. As part of the honors requirements students are required to audition for region band, and perform at Solo & Ensemble Assessment. The Wind Ensemble provides structure for advanced development of performance skills, tone production, technical facility, and music fundamentals. Students must attend the Winter Band Camp, after school sectionals and/or rehearsals, and concerts. **Prerequisite(s): Audition and successful completion of previous semester of band.** **Cost: Band Fee \$200 (for non-marching band members), winter camp fee \$120 and concert attire (dress=\$70 & tux=\$111)**

STEEL BAND 1 459926CH
(FINE ARTS-BAND ELECTIVE 2)
Grade: 10, 11, 12 **Credit : 0.5**

The Steel Band 1 class is an intermediate performance Steel Band ensemble that requires a teacher

recommendation. This performance ensemble is capped at 20 students due to rehearsal space and instrumentation. It is expected that students in this group are highly motivated and interested in learning to read music for Pan and Percussion. This group will perform at local school events:
Prerequisite: Teacher recommendation
Fee: \$50.00

Steel Band 2 459926CW
(FINE ARTS-BAND ELECTIVE 2)

Grade: 10, 11, 12 **Credit : 0.5**
 Steel Band 2! is an advanced performance Steel Band ensemble that requires an Audition for instrument placement. This performance ensemble is capped at 20 students due to instrumentation. It is expected that students in this group are highly motivated and able to read music for steel pan and percussion. The Steel Band 2 Ensemble will perform at the SCPAS Day of percussion Steel Band festival, and other local community events.

Prerequisite: Audition only. Steel Band Fee \$50.00

Intro to World Percussion 459925CH
(FINE ARTS-BAND ELECTIVE 1)

Grade: 9, 10, 11, 12 **Credit : 0.5**
 Intro to World Percussion is a semester music class that focuses on percussion literature from West Africa, Cuba, Brazil and Trinidad. Students will rehearse and perform on authentic instruments sourced from all countries of study. Students must have a desire to learn percussion music notation, rehearse music in a group setting, perform in front of an audience and care/maintain all instruments. If a student fails to maintain an appropriate rehearsal etiquette or mistreats any percussion instrument he/she will be removed from the class with a withdrawal fail. This is a highly energetic class with lots of opportunity to grow as a musician.

Jazz Band 453100CW
Grade: 9, 10, 11, 12 **Credit : 1.0**

This course is open to trumpet, saxophone, trombone, bass guitar, guitar, piano and percussion students who successfully pass an audition. It is a performing band for students at an intermediate level of proficiency. The Jazz Band provides structure for development of performance skills, tone production, technical facility, improvisation and music fundamentals. Wind instrumentalists and percussionists must attend the Winter Band Camp, after school sectionals and/or rehearsals, and concerts.

Prerequisite(s): Audition and successful completion of previous semester of band. **Cost: Band Fee \$200 (for non marching band members), winter camp fee \$120(winds/percussion), and concert attire (dress=\$70 & tux=\$111)**

ORCHESTRA*

ORCHESTRA 1: STRINGS
Grade: 9**355100CW**
Credit: 1

This is the entry level for **FRESHMAN STUDENTS** to the RVHS Orchestra program, but is not a beginner class. Scheduling is permitted by audition only. Students must be able to read music well, and understand and perform intermediate level skills on a string instrument. In String Orchestra, students will review how to shift, vibrate, and play 2 octave scales. All orchestra students are required to attend all scheduled after school events including rehearsals and concerts. Orchestra members must pass the fall semester in order to continue in the spring semester. **Prerequisite(s): Annual Audition and recommendation of previous Orchestra Director. Cost: Orchestra Fees= \$75 plus cost of uniform**

ORCHESTRA 2: CONCERT
Grade: 9, 10, 11, 12**355200CW**
Credit: 1

Concert Orchestra is the intermediate level of the RVHS Orchestra program. Scheduling is permitted by audition only. Students must be able to read music well, and understand and comfortably perform advanced level skills, such as advanced shifting and vibrato, on a string instrument. A higher level of maturity and self-discipline is required of students in this class. Orchestra members must pass the fall semester in order to continue in the spring semester. All orchestra students are required to attend all scheduled after school events including rehearsals and concerts. **Prerequisite(s): Audition or permission of instructor. Cost: Orchestra Fees= \$75 plus cost of uniform**

ORCHESTRA 3: CHAMBER (HONORS) **355300HW**
Grade: 9, 10, 11, 12 **Credit: 1**

Chamber Orchestra is the advanced level of the RVHS Chamber Orchestra is the advanced level of the RVHS Orchestra program. This course is open to all band students who successfully pass an audition. Students must be able to read music well, and understand and comfortably perform advanced-level skills, such as advanced shifting and vibrato, on a string instrument. It is an ensemble for high school musicians who are highly motivated and who have achieved considerable musical and technical skill on their instruments. This class is for students who are comfortable playing 3-octave scales and for students who have had 5 or more years of string instruction or regular private lessons. Students must be able to read music well, play in tune in every position, and understand and perform advanced-level skills on their instrument. All students are required to attend concerts and rehearsals. Scheduling is permitted by audition only. As part of the honors requirements, students are required to audition for the region orchestra, perform at the Giving Bowl, and perform at Solo & Ensemble Assessment. **Prerequisite(s): Audition or permission of instructor. Cost: Orchestra Fees= \$75 plus cost of uniform**

choose a different elective. Attendance at each after-school rehearsal and concert is required. **Chorus Fees= \$100**

CHORUS 2**Grade: 9, 10, 11, 12****354200CW****Credit: 1**

This Chorus is open to intermediate level signers singers who can sing comfortably in their developmentally appropriate range. Attendance at each after school rehearsal and concert is required. *Choral fees - \$100 (includes All-State registration, supplies, choral activities, etc.). Attire is a separate, but required fee. Attire fee is a one time fee, provided that the attire still fits the student and/or is still in good condition.

CHORUS 3**Grade: 9, 10, 11, 12****354300CW****Credit: 1**

This advanced-level chorus is open to all singers who have passed a skill-appropriate audition. Students will re-audition every year. Attendance at each after school rehearsal and concert is required. *Choral fees - \$100 (includes All-State registration, supplies, choral activities, etc.). Attire is a separate, but required fee. Attire fee is a one time fee, provided that the attire still fits the student and/or is still in good condition.

CHORUS 4**Grade: 9, 10, 11, 12****354400CW****Credit: 1**

This advanced-level chorus is open to all singers who are enrolled in Chorus 3 and have passed a skill-appropriate audition. Students will re-audition every year. This choir will serve a chamber chorus and premier performance group. Attendance at each after school rehearsal and concert is required. *Choral fees - \$100 (includes All-State registration, supplies, choral activities, etc.). Attire is a separate, but required fee. Attire fee is a one time fee, provided that the attire still fits the student and/or is still in good condition.

PIANO CLASS 1**Grade: 9, 10, 11, 12****454100CH****Credit: 0.5**

This course is designed to improve the music reading skills of students interested in learning beginning piano or keyboard. Students will learn notation and rhythm reading and transfer this knowledge to the instrument. This is an entry-level course and students with more than one year prior piano or keyboard training should not sign up. The course is designed for students with no prior knowledge of music. **Cost: \$20.00 for book purchase.**

AP MUSIC THEORY**Grade: 11, 12****357600AW****Credit: 1**

Music Theory Advanced Placement is a college level course. Students may earn college credit by performing satisfactorily on the advanced placement examination. Besides developing listening skills, students will gain fluency in reading musical notation and develop a strong foundation in music fundamentals, terminology, and analysis with an emphasis on advanced choral usage, modes, altered tones and chords in scales. **Prerequisite(s): C or better in Band, Chorus, Orchestra OR recommendation of music teacher. Cost: AP Music Theory Barron's Book**

**Note: Students who register for the course, but fail to take the exam will be required to reimburse RVHS the cost of the exam (approx. \$120).

CHORUS

CHORUS 1**Grade: 9, 10, 11, 12****354100CW****Credit: 1**

This is a beginner-level choir. No prior choral experience is required. It is open to anyone who can accurately sing pitch and rhythm. Students without this ability will be asked to

DANCE

DANCE 1 **450100CH**
Grade: 9, 10, 11, 12 **Credit: 0.5**
 This course is designed to teach the basic fundamentals of dance, including but not limited to dance movement, dance styles, the anatomy of the body, creating basic choreography, and dance history. **Previous dance experience is not required.**
Cost: No cost

DANCE 2 **450200CH**
Grade: 10, 11, 12 **Credit: 0.5**
 This course is designed to further develop the dancer. Dance 2 focuses on technique, movement quality, creating basic choreography, awareness of the body and its use as an instrument of expression. **Prerequisite: Successful completion of Dance 1.** **Cost: No cost**

DANCE 3 **450300CW**
Grade: 11, 12 **Credit: 1**
 This course is designed to continue technical growth and develop the dancer, choreographer, and as a performer. Dancers 3 focuses will revisit the art of choreography in more depth and aid the dancer in finding their choreographic voice and style. Dancers will complete a choreography portfolio during this course. We will also further develop the dancers flexibility, strength, control, and endurance. **Prerequisite: Successful completion of Dance 2 OR teacher recommendation.** **Cost: Dance shoes and all black attire for class (Black leotard and leggings)**

T&G: DANCE/CHOREOGRAPHY H **379914HW**
Grade: 11, 12 **Credit: 1**
 This course encompasses dance technique, choreography, and technology. T&G is designed to develop well-rounded dancers. Dancers that are strong in technique, choreography, be well-versed in dance history. Each dancer will create an online portfolio to share with colleges, universities, and academic dance programs beyond high school. **Prerequisite: Completion of Dance 3 with a C or higher OR teacher recommendation.** **Cost: Dance shoes and all black attire for class (Black leotard and leggings)**

THEATRE

THEATRE 1 **452100CH**
Grade: 9, 10, 11, 12 **Credit: 0.5**
 Theatre 1 is a semester-long class focused on the process of creating and performing in theatre. The class meets during the school day with no after school rehearsal. Students will focus on acting technique, voice and speech, physicality on stage, and character development. They will also take on the responsibilities of other theatre practitioners (director, playwright, designer, etc) in order to develop their understanding of the various roles and how they support one another. Students are required to perform in class. Students must be willing to try new things, question existing assumptions, and respect different views of the world.

THEATRE 2 **452200CH**
Grade: 10, 11, 12 **Credit: 0.5**
 This is a semester-long, audition-only class focused on guiding students to an understanding of the craft of acting through their participation in a full production process for a one-act play. Students will participate in activities designed to advance their theatrical knowledge and skills. Real-world application techniques will see students produce a one-act play from start to finish. Students will be performing in and out of class. This course will require significant

practice outside of the classroom, and it demands focus and professional behavior inside the classroom at all times. **Prerequisite(s): Successful completion of Theatre 1 or Teacher Approval**

Technical Theatre Arts **452500CH**
Grade: 10, 11, 12 **Credit: 0.5**
 This is a semester-long, audition-only class focused on guiding students to an understanding of the craft of acting through their participation in a full production process for a one-act play. Students will participate in activities designed to advance their theatrical knowledge and skills. Real-world application techniques will see students produce a one-act play from start to finish. Students will be performing in and out of class. This course will require significant practice outside of the classroom, and it demands focus and professional behavior inside the classroom at all times. **Prerequisite(s): Successful completion of Theatre 1 or Teacher Approval**

THEATRE 3 **452300CW**
Grade: 11, 12 **Credit: 1**
 This is a semester long block, audition only class focused on advancing and increasing students' theatrical skills from Theater 1 & 2. Students will explore skills in both performance and technical areas of theatre. Units may include advance acting techniques, directing skills, management skills, design skills, and creating a well-rounded theatre practitioner. There will be performances both in and out of class for various district and school functions. This course will require significant practice outside of the classroom, and it demands focus and professional behavior inside the classroom at all times. **This course will be offered in the spring only.** **Prerequisite(s): Successful completion of Theatre 2 OR Teacher Approval.**

Theatre 4 **452400CW**
Grade: 12 **Credit: 1**
 This is a semester long block, audition only class focused on advancing and increasing students' theatrical skills from Theater 3. Students will explore skills in both performance and technical areas of theatre. Units may include advanced active techniques, directing skills, management skills, design skills, and creating a well-rounded theatre practitioner. There will be performances both in and out of class for various district and school functions. This course will require significant practice outside of the classroom, and it demands focus and professional behavior inside the classroom at all times. **Prerequisite(s): Successful completion of Theatre 3 OR Teacher Approval**

THEATRE PRODUCTION **459979CW**
GRADE: 9, 10, 11, 12 **Credit: 1**
 This is a semester long block, audition only class focused on guiding students to a true understanding of the craft and what it takes to perform a full-length theatrical piece. Students will participate in activities designed to advance their theatrical knowledge and skills. Real-world application techniques will see students produce a full-length play from start to finish. Real-world application techniques will see students produce a one-act play from start to finish. **Prerequisite(s): Audition only, approval of teacher (students will audition in the Spring to be placed in this class the following Fall. Interested students should contact teacher.)**

MEDIA PRODUCTION **309935CH**
Grade: 10, 11, 12 **Credit: 0.5**
 Students in this course will be responsible for producing the daily morning news show and other special programs for Ridge View High. The course will acquaint you with the technical and aesthetic concepts involved in successful studio and field production. You will develop your skills through a series of in- class exercises, studio and field exercises and critical evaluations of past and present production styles. Students may take Media Production in both the fall and the spring. **Prerequisite(s): Teacher approval via application.**

VISUAL ARTS

ART 1 **350100CH**
Grade: 9, 10, 11, 12 **Credit: 0.5**
 Art 1 is a foundation course which provides a basic knowledge in two-dimensional and three-dimensional art through a variety of media. The broad goals in Art 1 are to develop skills, knowledge and techniques in visual literacy, creative expression, aesthetic valuing and perception, and historical and cultural heritage.

ART 2 **350200CH**
Grade: 9, 10, 11, 12 **Credit: 0.5**
 Art 2 is an advanced course for students interested in drawing, painting and printmaking. In this course, students will use a variety of wet and dry media to explore techniques and styles in contour and cross-contour drawing, value and texture drawing, relief and plano-graphic printmaking, portrait and figure drawing/painting, and still life and landscape drawing/painting. Art history and art criticism will be integrated into each unit of study. **Prerequisite(s): Successful completion of Art 1.**

CERAMICS **459912CW**
Grade: 10, 11, 12 **Credit: 1**
 Ceramics and Sculpture is an advanced course for students interested in creating sculptures with a variety of media including clay, wood, plaster, wire, and found objects. Students will develop problem-solving skills and technical expertise in various materials, hand tools, and power tools. Students should be highly motivated, capable of working independently and always mindful of safety rules and procedures. Each student will build upon visual perception, art history (past and present trends), art aesthetics, and critiquing abilities. **Prerequisite(s): Successful completion of Art 1.**

ADVANCED 3-D DESIGN **459909CW**
Grade: 10, 11, 12 **Credit: 1**
 Advanced 3-Dimensional Design is an advanced course in which students further explore the creative possibilities of various sculptural media including clay, wood, plaster, and wire. Special attention will be paid to exploring the integration of materials in order to create mixed media sculptures. Students will have a primary goal of creating a portfolio of work built around a theme or big idea of their choosing. Students should be highly motivated, capable of working independently and always mindful of safety rules and procedures. Each student will build upon visual perception, art history (past and present trends), art aesthetics, and critiquing abilities. **Prerequisite(s): Successful completion of Ceramics.**

FILM PRODUCTION **459990CH**
Grade: 9, 10, 11, 12 **Credit: 0.5**
 Students will be exposed to the basics of film production by studying the medium in a variety of formats: storyboarding, camera and editing usage, and media literacy. g for film. Also, students will produce morning shows, school promo ads, and any needed video work on campus or in community partnerships. Students may be required to work after school and may need transportation for any location work. **Note: Students will have to sign a contract for camera usage.**

ART OF FILM/FILM PRODUCTION 2 **459906CW**
Grade: 10, 11, 12 **Credit: 1**
 The general goal of this course is to explore the craft and techniques of filmmaking in order to create student films. Students will analyze masterpieces of filmmaking as they unfold the historical landmarks of its pioneers. They will identify camera angles, shots, editing techniques, and state the power of each to clarify the story, to manipulate the emotions of the audience, or to relate a concept. Students will use this knowledge to shoot and edit their own films. **Prerequisite(s): Successful completion of Film Production or Photography 1.**

MEDIA ARTS **459910CH**
Grade: 9, 10, 11, 12 **Credit: 0.5**
 Media Arts is a technology based art class. Students will use Adobe Photoshop and other media to integrate the elements and principles of design; focusing on the elements; that are basic to all art. Art/media production, art history, aesthetics, criticism, and introductory study of media literacy are an integral part of the curriculum.

PHOTOGRAPHY 1 **459903CW**
Grade: 10, 11, 12 **Credit: 1**
 In Photography 1 students will study the history of photography as an art form and will develop skills and techniques in photography. The technical aspects of the darkroom, including developing, printing, enlarging and presentation will also be studied. Using current technology, students will capture images with a digital camera to produce a variety of computer generated photographic images using Adobe Photoshop. Students should be highly motivated and capable of working independently after receiving basic instructions. **Prerequisite(s): Successful completion of Art 1 or Film Production. Cost: There is a \$20 supply fee for this course.**

PHOTOGRAPHY 2 **459907CW**
Grade: 11, 12 **Credit: 1**
 In Photography 2 the student will further study the history of photography as an art form and will develop skills and techniques in photography. The technical aspects of the darkroom, including developing, printing, enlarging and presentation will also be studied. Using current technology, students will capture images with a digital camera to produce a variety of computer generated photographic images using Adobe Photoshop. Students should be highly motivated and capable of working independently after receiving basic instructions. **Prerequisite(s): Successful completion of Photography 1. Cost: There is a \$20 supply fee for this course.**

AP ART HISTORY**Grade: 10, 11, 12**

The AP Art History course is designed to provide the same instruction and benefits of an introductory college art history course to high school students. In the course students gather understanding and knowledge of architecture, sculpture, painting, photography, and other art forms within diverse historical and cultural contexts. Students will also learn to view works of art with sensitivity, intelligence, and with a critical eye. Many colleges and universities offer advanced placement credit to students who have performed successfully on the AP Art History Examination. **Prerequisite(s): Teacher recommendation**

**Note: Students who register for the course, but fail to take the exam will be required to reimburse RVHS the cost of the exam (approx. \$90).

T&G VISUAL ARTS H**Grade: 11, 12**

Talented and Gifted Art is a pre-requisite for Advanced Placement Studio Art. This course will be offered to students who audition and are selected according to state screening guidelines: an on-site workshop, interview and portfolio review. Auditions will be held in the late spring and early fall each year. Visiting artists, field studies, and special projects will be incorporated into a curriculum which encourages problem solving, exploring techniques using varied media, and developing student's artistic voice. **Prerequisite(s): C or better in at least 2 previous art courses OR teacher recommendation.**

AP STUDIO ART CLASSES:**AP DRAWING****AP 2-D ART & DESIGN****AP 3-D ART & DESIGN****Grade: 11, 12****357200AW****357400AW****357500AW****Credit: 1**

Students should select the appropriate AP studio art course from the above list based on individual interest, experience, and ability. These courses address:

- ◆ Achievement of quality in a student's work;
- ◆ The student's concentration on a particular visual interest or problem;
- ◆ The student's breadth of experience in art and his/her development of technical and expressive styles.

Students must take Talented and Gifted Visual Art as a prerequisite to begin portfolio development and should follow with AP Art in the spring semester. Students are required to submit a portfolio to the Advanced Placement Program of College Board for evaluation in May. College credit may be earned for a score of three or higher. **Prerequisite(s): C or better in at least 2 previous art courses, T&G Art, OR teacher recommendation.**

FINE ARTS ELECTIVE 1 (FALL)**Grade: 10, 11, 12**

Fine Arts Elective 1: Arts Leadership is designed for the upper-class visual or performing arts student with strong leadership skills. In this one-of-a-kind class, students will facilitate, lead, and mentor their peers in special education within a dance and theatre framework. At the end of the course, a production performed and directed by the class will be presented. **Prerequisite: Dance Teacher Recommendation based on an Interview**

FINE ARTS ELECTIVE 2 (SPRING)**Grade: 10, 11, 12**

Fine Arts Elective 1: Arts Leadership is designed for the upper-class visual or performing arts student with strong leadership skills. In this one-of-a-kind class, students will facilitate, lead, and mentor their peers in special education within a dance and theatre framework. At the end of the course, a production performed and directed by the class will be presented. **Prerequisite: Dance Teacher Recommendation based on an Interview**

SCHOOL FOR THE ARTS**FINE ARTS ELECTIVE 2: SFA SENIOR SERVICE LEARNING****Grade: 12**

This class is designed for School for the Arts seniors who are interested in using their selected area as a means of service learning in the community. Over a one-year time period, students will design and create projects involving their arts area for the benefit of the community. Students must earn a total of 60 hours toward service learning within their focus arts area.

FINE ARTS ELECT 3: ARTS INTERNSHIP**Grade: 12**

Arts Internship is the capstone course for School for the Arts seniors, designed to offer hands-on learning for the student in his/her core arts area. Students may elect to participate in an internship, create a service exhibition in their core arts areas to show during Senior Exhibition Night. A Learning Contract between the arts advisor and the student outlines the specific expectations and responsibilities of both parties. Internship or volunteer project during the school day (providing that all other requirements are met and they contract with the School-to-Work office) or they may meet this requirement outside of school hours by either participate in creative a solo exhibition (visual arts and creative writing) or a senior concert (performing arts). Student work in this course must represent between 60 (1/2 credit) and 120 (1 credit) hours of seat time.

One unit in Physical Education or JROTC is required for graduation. The PE graduation requirement may be met only through Phys Ed 1, JROTC 1, or Marching Band. Students may take additional credits of physical education as electives toward graduation. **Students taking PE or a PE Elective will be charged a \$20 fee that covers the cost of a required school uniform, lock, and locker.**

PERSONAL HEALTH
Grade: 9, 10, 11, 12

340200CH
Credit: 1/2

This half-credit course is structured to meet the state standards as well as the District Two health requirement for graduation. Topics covered in health include: health skills; mental and emotional health; family and social health; nutrition; personal health; alcohol, tobacco and other drugs; communicable and chronic diseases; consumer and community health; environmental health; and injury prevention and safety. This course is offered only through an online course.

PHYS ED 1
Grade: 9, 10, 11, 12

344100CW
Credit: 1

Is the only PE course that meets the state guidelines for graduation. The course curriculum is designed to meet all of the state standards for required PE. Students learn about, and are assessed in, the five components of health-related fitness: cardiovascular endurance, flexibility, muscular strength, muscular endurance, and body composition. Students will bring home a fitness report generated by the FITNESSGRAM. Students will participate in the following: 1) competency in 2 movement forms, 2) meet age/gender fitness requirements, 3) participate in physical activity outside of class, and 4) interpret/design a personal fitness program.

PHYS ED 2: WEIGHT TRAINING
Grade: 10, 11, 12

344200CH
Credit: 1/2

This course is designed for athletes and/or students who have a serious interest in learning the cognitive and physical concepts of weight training for sport performance. This a working class and performance is measured. **Prerequisite(s): C or better in Phys Ed 1 or teacher recommendation. This course is only for student athletes.**

PHYS ED 3:
Grade: 10, 11, 12

344300CH
Credit: 1/2

While reinforcing health- related fitness from Phys Ed 1, more will be taught about skill-related fitness. This class is designed for athletes or other students that are serious about conditioning and developing basketball skills. *This course can be offered as either an early or late bird class. In such cases students must adhere to the same attendance rules as any other class.* **Prerequisite(s): C or better in Phys Ed 1 OR teacher/coach recommendation.**

PHYS ED 4: BASEBALL
Grade: 10, 11, 12

344400CH
Credit: 1/2

While reinforcing health- related fitness from Phys Ed 1, more will be taught about skill-related fitness. This class is designed for athletes or other students that are serious about conditioning and developing baseball skills. *This course can be offered as either an early or late bird class. In such cases students must adhere to the same attendance rules as any other class.* **Prerequisite(s): C or better in Phys Ed 1 OR teacher/coach recommendation**

PHYS ED 5: FOOTBALL
Grade: 10, 11, 12

349951CH
Credit: 1/2

While reinforcing health- related fitness from Phys Ed 1, more will be taught about skill-related fitness. This class is designed for athletes or other students that are serious about conditioning and developing football skills. *This course can be offered as either an early or late bird class. In such cases students must adhere to the same attendance rules as any other class.* **Prerequisite(s): C or better in Phys Ed 1 OR teacher/coach recommendation**

PHYS ED 7: NON-COMP. BASKETBALL
Grade: 10, 11, 12

349953CH
Credit: 1/2

Non-Competitive Basketball is a half-credit elective course designed for students who want to develop lifelong fitness habits and skills through basketball. This course is open to all basketball enthusiasts and is not specifically intended for varsity athletes.

PHYS ED 301 & 401 Sports Leadership

344301CH
344401CH
Credit: 1/2

Sports Leadership is course is designed for the upper-class student with strong leadership skills. In this one-of-a-kind class, students will facilitate, lead and mentor their peers in special education within the sports framework to help prepare them for Special Olympics. **Prerequisite(s): Teacher recommendation and interview.**

The courses in this department integrate a variety of materials and cultural experiences to meet the national standards for Foreign Language Study in the five areas of communication, cultures, connections, comparisons, and communities. Students who begin the study of a language at middle school level should continue with the same language. Students may begin a language at any grade level; however, it is preferable to begin no later than the eleventh grade.

FRENCH 1 CP
Grade: 10, 11, 12

361100CW
Credit: 1

This course is an introduction to the French language. Students will learn to express basic needs and to handle elementary social situations. They will learn adequate vocabulary and grammar to achieve these goals. Through the use of authentic texts students will demonstrate understanding, discuss and compare target language and cultures, and present on various topics.

FRENCH 2 CP
Grade: 9, 10, 11, 12

361200CW
Credit: 1

French 2 CP is a continuation of French 1 CP. Students will expand on concepts helpful for performing tasks and handling new social situations. They will learn adequate vocabulary and grammar to achieve these goals. Through the use of authentic texts students will demonstrate understanding, discuss and compare target language and cultures, and present on various topics.

Prerequisite(s): Successful completion of French 1 CP;

FRENCH 3 HONORS
Grade: 10, 11, 12

361300HW
Credit: 1

This course is designed for students who have successfully completed French 2 CP and who would like to continue their study of the language at an honors level. The students refine their skills through a variety of authentic texts in different formats. Emphasis will be placed on seeing French as a linguistic system of communication. This course is conducted entirely in French. **Prerequisite(s): C or better in French 2 CP OR recommendation of the teacher.**

FRENCH 4 HONORS
Grade: 11, 12

361400HW
Credit: 1

This course is designed to help students increase their knowledge of vocabulary, grammar and syntax and gain a higher level of proficiency in the language. They will also have the opportunity to increase their knowledge of the francophone world as they listen to French authentic audio materials and are introduced to authentic French literature. This course is conducted entirely in French.

Prerequisite(s): C or better in French 3 Honors OR teacher recommendation

GERMAN 1 CP
Grade: 9, 10, 11, 12

362100CW
Credit: 1

This course is an introduction to the German language. Students will learn vocabulary and grammar adequate for expressing basic needs and handling elementary social situations. Through the use of authentic texts students will demonstrate understanding, discuss, and compare target language and cultures, and present on various topics.

GERMAN 2 CP
Grade: 9, 10, 11, 12

362200CW
Credit: 1

German 2 CP is a continuation of German 1 CP. Students will expand on vocabulary and learn additional grammatical concepts helpful for performing tasks and handling new social situations. Through the use of authentic texts students will demonstrate understanding, discuss, and compare target language and cultures, and present on various topics.

Prerequisite(s): Successful completion of German 1.

GERMAN 3 HONORS
Grade: 10, 11, 12

362300HW
Credit: 1

This course is designed for students who have successfully completed German 2 CP and who would like to continue their study of the language at an honors level. The students will refine their skills through a variety of authentic texts in different formats. Emphasis will be placed on seeing German as a linguistic system of communication. This course is conducted entirely in German. **Prerequisite(s): C or better in German 2 CP OR teacher recommendation.**

GERMAN 4 HONORS
Grade: 11, 12

362400HW
Credit: 1

This course is designed to help students increase their knowledge of vocabulary, grammar and syntax and gain a higher level of proficiency in the language. They will also have the opportunity to increase their knowledge of the Germanic world as they listen to German authentic audio materials and are introduced to authentic German literature. This course is conducted entirely in German. **Prerequisite(s): C or better in German 3 CP or Honors OR teacher recommendation.**

SPANISH 1 CP **365100CW****Grade: 10, 11, 12** **Credit: 1**

This course is an introduction to the Spanish language. Students will learn vocabulary and grammar adequate for expressing basic needs and handling elementary social situations. Through the use of authentic texts, students will demonstrate understanding, discuss and compare target language and cultures, and present on various topics.

SPANISH 2 CP **365200CW****Grade: 9, 10, 11, 12** **Credit: 1**

Spanish 2CP is a continuation of Spanish 1CP. Students will expand on vocabulary and learn additional grammatical concepts helpful for performing tasks and handling new social situations. Through the use of authentic texts students will demonstrate understanding, discuss and compare target language and cultures, and present on various topics.

Prerequisite(s): Successful completion of Spanish 1CP

SPANISH 3 HONORS **365300HW****Grade: 10, 11, 12** **Credit: 1**

This course is designed for students who have successfully completed Spanish 2CP and who would like to continue their study of the language at an honors level. The students refine their skills through a variety of authentic texts in different formats. Emphasis will be placed on seeing Spanish as a linguistic system of communication. This course is

conducted entirely in Spanish. **Prerequisite(s): C or better in Spanish 2 CP OR teacher recommendation.**

SPANISH 4 HONORS **365400HW****Grade: 11, 12** **Credit: 1**

This course is designed to help students increase their knowledge of vocabulary, grammar and syntax and gain a higher level of proficiency in the language. They will also have the opportunity to increase their knowledge of the Hispanic world as they listen to Spanish radio broadcasts and are introduced to authentic Spanish literature and native guest speakers. This course is conducted entirely in Spanish.

Prerequisite(s): C or better in Spanish 3 Hon OR teacher recommendation.

AP SPANISH LANGUAGE **367500AW****Grade: 12** **Credit: 1**

This course involves an in-depth study of the Spanish Language as well as the Hispanic culture. It is a college level course designed to prepare students for the College Board Advanced Placement Language Examination which all students will be required to take. Students who perform successfully on the examination can receive degree credit from most colleges and universities.

Prerequisite(s): C or better in Spanish 4 Hon OR teacher recommendation.

Note: Any student taking the class and failing to take the exam will have to reimburse the school for the cost of the test (approximately \$90).

SAT/ACT Prep-Verbal **401100CH**
Grade: 10, 11, 12 **Credit: 1/2**
 The SAT/ACT Verbal course includes a comprehensive review of major concepts tested on the SAT & ACT.

SAT/ACT Prep- MATH **415000CH**
Grade: 10, 11, 12 **Credit: 1**
 The SAT/ACT Math course includes a comprehensive review of major concepts tested on the SAT. The content is divided into four sections -- Numbers and Operations, Algebra and Functions, Geometry and Measurement, and Data Analysis, Statistics, and Probability. Strategies and shortcuts for dealing with specific types of math questions are also covered.

COMMUNITY SERVICE LEADERSHIP **379924CH**
Grade 10, 11 **Credit: 1/2**
 This leadership course provides motivated students interested in the field of Education and or Community Service an opportunity to earn a half-credit elective. Students will be working in one or more Richland School District 2 schools. Students must be totally trustworthy as the nature of this course allows for a great deal of freedom. Students must have access to Edmodo to retrieve online announcements, assignments, and other important information. Due to the nature of the course, **students must complete an application and be approved to take the course. Applications will be available during the course selection process in the School Counseling Office.**

TEACHER CADET 1 **373500EW**
Grade: 11, 12
Credit: 1 HS and 3 CCH
 The Teacher Cadet provides students with an objective look at child development and education. We are looking for young people to become advocates for education and possibly to choose education as a career. Students will be given the opportunity to observe and to assist in a variety of educational settings while being introduced to the strategies and techniques used by master teachers. Students will also examine agencies and groups that influence decisions and governance in the educational system. Students must complete an application form, be recommended by 5 teachers, and be interviewed by the Teacher Cadet Instructor. Taught like a college introduction to education course, Teacher Cadet is a —hands-on! look at teaching and related fields and offers students college credit. An interest in exploring education as a career is not a prerequisite for this class. **Prerequisite(s): a 3.0 GPA, 5 teacher recommendations & application process**

STUDENT GOVT. LEADERSHIP **379999CH**
Grade: 10, 11, 12 **Credit: 1/2**
 This course provides content and experiences related to citizenship development. This is a project-based class that will create and foster potential leaders at the school and community level. Students work on time management, organization, problem solving and personal responsibility. This course also includes working on the finer techniques of leadership, including delegation of authority and supervision of others. In addition, students will be called upon frequently to prepare for and teach classes, thus achieving the practical experience necessary for leadership positions. **Prerequisite: Teacher Recommendation only.**

WORK-BASED LEARNING INTERNSHIP
Grade: 11, 12 **Credit: 1/2 or 1**
 Work-based Learning Internships provide hands on

experience in a career field of your choice. Internships are unpaid positions with academic as well as work-based requirements. The Work-Based Learning Coordinator will assist in setting up an opportunity and will track the student's progress. Students must work a minimum of 100 hours to earn ½ a unit of credit, and a minimum of 200 hours to earn a full unit. The Work-Based Learning Internship is a great opportunity to gain experience in a field of interest. **Prerequisite(s): Written application and acceptance.**

PEER LEADERSHIP (LLS) **379923CH**
Grade: 10, 11, 12 **Credit: 1/2**
 Peer Leadership also known as Lead, Learn & Serve, is a community service learning program that can be used to replace a study hall. It provides students an opportunity to perform community service hours during the school day. Service can be completed for our faculty at RVHS or at Rice Creek Elementary. Students interested in this class, must complete the required form before they can be placed for service. **Prerequisite(s): Written application and acceptance. Students may earn up to 2 credits in this course**

LATE ARRIVAL **37999200**
Grade: 12 **Credit: 0**
 Late Arrival is designed to provide a senior with increased privileges. Students who complete and return the proper form can be awarded late arrival and can come in after 1st or 2nd periods. Students must be on campus a minimum of 4 periods each semester. Late Arrival does not count toward this minimum. For safety reasons, the expectation is that students are not to be on campus during their late arrival period(s).

EARLY DISMISSAL **37999100/37999101**
Grade: 12 **Credit: 0**
 Early Dismissal is designed to provide a senior with increased privileges. Students who complete and return the proper form can be awarded early dismissal and can leave school during either 6th or 7th periods. Students must be on campus a minimum of 4 periods each semester. Early Dismissal does not count toward this minimum. For safety reasons, the expectation is that students are not to be on campus during their early dismissal period(s).

Ridge View High School

Summer Reading Practices

Ridge View High School wants all students to experience the pleasure of reading and the opportunity for joy through our summer reading recommendations.

In addition to the School wide Summer Reading program, we encourage you to take the time out this summer to read. To help, we have created a list of texts which students may find interesting or helpful as they prepare for each course.

Feel free to choose from any novel on any list. The suggestions are simply made based upon average readability levels for the grade. Some of these texts will also assist you in preparing for either AP Language or AP Literature testing and coursework.

Many of the older novels can be found for free on the Internet, and we will provide links to these where they are available and in the public domain. Many of these titles are also available from the school library, from Richland Library, or through the Ridge View Library Commons. Electronic versions are also available through [Overdrive, Sora, and other E-book apps](#).

In addition to these book choices, we encourage you to read a variety of other fiction and nonfiction sources ranging from newspaper and magazine articles to plays and poetry.

English 1 Honors

- *Anthem* by Ayn Rand
- *Brave New World* by Aldous Huxley
- *Feed* by M. T. Anderson
- *Frankenstein* by Mary Shelley
- *Uglies* by Scott Westerfield

English 2 Honors

- *The Three Body Problem*, Liu Cixin
- *The Trial*, Franz Kafka
- *The Hate U Give*, Angie Thomas

English 3 Honors

- *Their Eyes Were Watching God* by Zora Neale Hurston
- *The Great Gatsby* by F. Scott Fitzgerald
- *The Secret Life of Bees* by Sue Monk Kidd

- *Dreamland Burning* by Jennifer Latham

AP Language and Composition

- *Between the World and Me*, Coates

AP Seminar

- *Alone Together*, Sherry Turkle

English 4 Honors

- *Frankenstein* by Mary Shelley

AP Literature

VIRTUAL COURSES

Students have the opportunity to take online courses during both the school year and over the summer, but must abide by the following guidelines: 1) Students can register for up to two courses at a time. 2) Because course selection is the basis for the employment of teachers and the development of the master schedule, students will not be approved to take a course online for which they already have scheduled for that school year. 3) Failure to complete an online course or to withdraw by the given deadlines will result in a WF that will adversely affect a student's GPA. 4) Currently we have two approved options for taking online courses. Students wishing to take courses for credit outside of these two approved methods including, other online schools, courses on a college campus, and summer enrichment programs, must have Principal approval if high school credit is awarded. See your School Counselor for more information regarding this approval process.

Option 1: Virtual SC:

Please visit www.virtualsc.org for the availability of courses, important dates and deadlines, and to register. It is the responsibility of the student and his/her parent/guardian to register for Virtual SC classes. All Virtual SC classes must be approved by a school counselor as part of the registration process. **Please be sure to email your school counselor within 72 hours of registering for a course for approval. All Virtual SC courses ARE NCAA approved except the Credit Recovery Courses.**

Option 2: Richland 2 District Virtual School:

While we have listed courses that are available through the district's virtual school, students should see their School Counselor for the most up-to-date listing of courses available each year, as well as the required registration forms and information. Students are encouraged to work from home as much as possible, but will be required to take all tests and quizzes in the Testing & Tutoring Lab located in A-22. All courses must be complete by the given deadlines in May for credit. **Please note: These classes ARE NOT NCAA Approved.** Please see the NCAA section in this guide for additional information.



ACCOUNTING

500100CW

This online Accounting course introduces students to financial information needed in all business-related occupations. Students understand the accounting cycle as they record earnings and expenses related to one-owner businesses, partnerships, and corporations, as well as prepare financial statements, payroll, and various tax forms. For students who will pursue entrepreneurial ventures and business ownership, this course develops the skills necessary to solve business problems and make financial decisions. For those students who plan to pursue a degree in Accounting or a business related field, Accounting provides students with a foundation to support future advanced coursework. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

ALGEBRA I

411400CW

The Algebra I online course is intended to formalize and extend the mathematics that students learned in the middle grades. In this course, students deepen their understanding of linear and exponential relationships by contrasting them with each other. Students also apply linear models to data that exhibit a linear trend. The course also covers analyzing, solving, and using quadratic functions. This course requires the use of a graphing calculator. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

ALGEBRA II

411500CW

This online course builds upon algebraic concepts covered in Algebra I and prepares students for advanced-level courses. Students extend their knowledge

and understanding by solving open-ended problems and thinking critically. Topics include functions and their graphs, quadratic functions, inverse

functions, advanced polynomial functions, and conic sections. Students are introduced to rational, radical, exponential, and logarithmic functions; sequences and series; data analysis; and matrices. This course requires the use of a graphing calculator. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

ALGEBRA III

411300CW

This virtual course will review solving equations and inequalities, graphing, factoring, and systems of equations. Course content includes the study of conics and many types of functions: linear, quadratic, polynomial, exponential, logarithmic, rational, radical, and trigonometric. This course requires the use of a graphing calculator. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

ANTHROPOLOGY

339963CH

The field of archaeology helps us better understand the events and societies of the past that have helped shape our modern world. This virtual course focuses on the techniques, methods, and theories that guide the study of the past. Students learn how archaeological research is conducted and interpreted, as well as how artifacts are located and preserved. Students also learn about the relationship of material items to culture and what we can learn about past societies from these items. It is recommended, but not required for students to have internet access at home when completing online coursework. (.5 credit)

AP EUROPEAN HISTORY

337600AW

This hybrid AP European History is a challenging course that is designed to be the equivalent of a freshman college course in a high school setting. It is a

year-long survey of European history from the Renaissance to the present. This course is taught at the college level. Solid reading and writing skills, along with a willingness to devote considerable time to homework and study, are necessary to succeed. Emphasis is placed on critical thinking skills, essay writing, interpretation of original documents and historiography. You will be required to apply the effort necessary to act as an historian and develop the ability to analyze historical evidence to determine its validity and relevance, identify point of view and the nature of bias, and recognize the necessity of objectivity and substantiation. As a hybrid course, students will be expected to meet with the instructor for assigned class periods and complete additional work in the virtual environment. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

ART APPRECIATION 351100CH

Art Appreciation will introduce students to the visual arts and the variety of art mediums and techniques used to create two and three dimensional works of art. Students will also study the history of art beginning with the Stone Age to the present. The purpose of this online course is to build a context for understanding the arts; structurally, socially, culturally and historically with the intention of making art meaningful to the student's everyday life. It is recommended, but not required for students to have internet access at home when completing online coursework. (.5 credit)

ASTRONOMY 325100CH

This virtual course introduces students to the study of astronomy, including its history and development; basic scientific laws of motion and gravity; the concepts of modern astronomy; and the methods used by astronomers to learn more about the universe. Additional topics include the solar system; the Milky Way and other galaxies; and the sun and stars. Using online tools, students examine the life cycle of stars; the properties of planets; and the exploration of space. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

BIOLOGY I 322100CW

This online course is laboratory-based science class in which students will study the cell, the molecular basis of heredity, biological evolution, interdependence of organisms, matter and energy, and organization in living systems and the behavior of organisms. Virtual labs are available to support content acquisition. Students must complete the South Carolina End-of-Course Assessment in Biology at the completion of this course. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

CONSUMER MATH (MATH ELECTIVE) 319900CH

This online course involves the study and review arithmetic skills they can apply in their personal lives and in their future careers. The course will focus on occupational topics including details on jobs, wages, deductions, taxes, insurance, recreation and spending, and transportation. It is recommended, but not required for students to have internet access at home when completing online coursework. (.5 credit)

CALCULUS 413500CW

This virtual course provides a comprehensive survey of differential and integral calculus concepts, including limits, derivative and integral computation, linearization, Riemann sums, the fundamental theorem of calculus, and differential equations. Content is presented across ten units and covers various applications, including graph analysis, linear motion, average value, area, volume, and growth and decay models. In this course, students use an online textbook, which supplements the instruction they receive and provides additional opportunities to practice using the

content they've learned. Students will use an embedded graphing calculator applet (GCalc) for their work on this course; the software for the applet can be downloaded at no charge. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

CAREER PLANNING 379940CH

This online course provides students with instruction in the career planning process directly related to the selection of a college major and ultimately the world of work. Topics include a skills assessment, identification of work and personal values, career interests, work and learning styles and personality types related to college and career success. Students will evaluate their career interests and develop a plan to complete their future goals. It is recommended, but not required for students to have internet access at home when completing online coursework. (.5 credit)

CAREER PERSONAL FINANCE 513100CW

In this introductory finance course, students learn basic principles of economics and best practices for managing their own finances. Students learn core skills in creating budgets, developing long-term financial plans to meet their goals, and making responsible choices about income and expenses. They gain a deeper understanding of capitalism and other systems so they can better understand their role in the economy of society. Students are inspired by experiences of finance professionals and stories of everyday people and the choices they make to manage their money. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

CHEMISTRY I 323100CW

This online course is a laboratory-based science class in which students will study the structure and properties of matter as they explore chemical reactions, the structure of atoms, conservation and interactions of energy and matter. Students will complete virtual labs to support content. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

CIVICS 333500CH

This elective course will explore the origins of the American democratic system with a focus on the U.S. Constitution and the values and purposes set by the founding fathers. The structure and function of the government will be analyzed on a national, state, and local level while showing how each level is interrelated. Throughout the course students will focus on how the people play an active role in government and the importance each citizen contributes to society. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

CONTEMPORARY WORLD ISSUES (CURRENT EVENTS/FOREIGN POLICY) 333700CW

Contemporary World Issues introduces students to various issues facing the world today. Students will explore global economic systems, human rights, world health, environmental issues, and the role of the United States and the United Nations in a changing world. This online course is designed to eliminate much of the confusion surrounding these issues and allow students to form their own opinions on matters that affect their world. Students will evaluate the issues and propose solutions from a variety of perspectives. It is recommended, but not required for students to have internet access at home when completing online coursework.

CREATIVE WRITING 303200CH/303200CW

In this virtual course, students will explore a range of creative writing genres, including fiction, poetry, creative nonfiction, drama, and multimedia writing. Students will study examples of writing through

classic and contemporary selections and will apply that knowledge and understanding to their writing. In addition, students will develop an intimate understanding of the writing process and its application to various projects. As students move through the course, they will understand and evaluate the writings of others, and be able to apply the evaluation criteria to their own writing. It is recommended, but not required for students to have internet access at home when completing online coursework. (.5 credit or 1 credit)

EARTH SCIENCE 326500CW

This online course is laboratory-based science class emphasizing the function of the earth's system. Emphasis is placed on the human interactions with the Earth's geologic and environmental systems, predictability of a dynamic Earth, origin and evolution of the Earth system and universe, geochemical cycles and energy in the Earth system. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

ECONOMICS 335000CH

This online course will give the students a greater understanding of economics ranging from the viewpoint of the individual consumer or small business owner to the global economy. The course will study the law of supply and demand, forms of business, labor unions, government finances and influence on the economy, money and prices, inflation and deflation cycles. The course relates history and politics to the study of economics. It is recommended, but not required for students to have internet access at home when completing online coursework. (.5 credit)

ENGLISH I 302400CW

This online English I course curriculum will focus on developing analytical skills related to both fiction and nonfiction texts and responding to the readings with evidence-based writing. Language skills are addressed through grammar practice and vocabulary instruction and are incorporated into all writing assignments. Research skills will be developed through the completion of a research assignment. Students must complete the South Carolina End-of-Course Assessment for English I at the completion of this course. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

ENGLISH II 302500CW

This online English II course curriculum will focus on developing analytical skills related to both fiction and nonfiction texts and responding to the readings with evidence-based writing. Language skills are addressed through grammar practice and vocabulary instruction and are incorporated into all writing assignments. Coursework will include grammar practice, reading fiction and non-fiction texts, poetry and drama. Research skills will be enhanced through the complete of research assignments. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

ENGLISH III 302600CW

This online English III course curriculum will focus on developing analytical skills related to both fiction and nonfiction texts and responding to the readings with evidence-based writing. Language skills are addressed through grammar practice and vocabulary instruction and are incorporated into all writing assignments. In addition, vocabulary, grammar, reading of various genres, and writing instruction will be integrated into the students' assignments, which will align with the

South Carolina Standards. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

ENGLISH IV 302700CW

This online English IV course curriculum will focus on developing analytical skills related to both fiction and nonfiction texts and responding to the readings with evidence-based writing. Language skills are addressed through grammar practice and vocabulary instruction and are incorporated into all writing assignments. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

ENTREPRENEURSHIP 54000CH

This online course emphasizes small business development and operations. Topics covered include: business and career opportunities, the nature of small business, elements of a business plan, market analysis, financial and legal issues, risk management and operations. It is recommended, but not required for students to have internet access at home when completing online coursework. (.5 credit)

ENVIRONMENTAL SCIENCE 326100CW

This online course defines levels of organization in the biosphere, how organisms interact with each other and the environment, different types of pollution and many forms of environmental testing and recycling programs. Students will be tested upon mastery of the following competencies: compare and contrast pollution and its relationships to air, land and water; describe factors that constantly change the earth's environment; implement basic components for mapping locations on the globe; and compare fossil fuels and the need for developing new forms of energy sources. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

FORENSIC SCIENCE 324500CH

This virtual course surveys key topics in forensic science, including the application of the scientific process to forensic analysis, procedures and principles of crime scene investigation, physical and trace evidence, and the law and courtroom procedures from the perspective of the forensic scientist. Through online lessons, virtual and hands-on labs, and analysis of fictional crime scenarios, students learn about forensic tools, technical resources, forming and testing hypotheses, proper data collection, and responsible conclusions. It is recommended, but not required for students to have internet access at home when completing online coursework. (.5 credit)

FOUNDATIONS IN ALGEBRA 411600CW

This virtual course is a study of the properties of sets of real numbers, linear equations, linear functions, and inequalities; geometry, radical expressions and equations; graphing and algebraic equations. This course is the first in a two-part Algebra I series. Students must complete Intermediate Algebra in order to receive high school credit for completing Algebra I. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

FRENCH I 361100CW

The goal of this online course is to give students basic listening, speaking, reading, and writing skills through activities based on pedagogically proven methods of foreign language instruction. Throughout the five units of material - Greetings, Calendar, Weather, Time

and Colors - students learn to talk about themselves and other, describe their surroundings and use numbers for dates and time. Regular verbs are introduced in the present tense. Simple grammatical structures are practiced in innovative and interesting ways with a variety of learning styles in mind. Culture is presented throughout the course to help students understand the context of the language and to better understand the perspectives of the French - speaking world. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

FRENCH II 361200CW

This online course is a continuation of a beginning level course that will introduce the student to a variety of areas of language learning. In this course, the student will learn listening, speaking, reading and writing skills through activities that are based on pedagogically proven methods of foreign language instruction. Throughout the five units of material (Daily Routine, Animals, Hobbies, The Body and Descriptions), students learn to express themselves using an ever increasing vocabulary, present - tense verbs, articles, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

FRENCH III 361300CW

This third year French course is a continuation of the first two years. The student will continue to improve listening, speaking, reading and writing skills through activities that are based on pedagogically proven methods of foreign language instruction. Throughout the five units - Feelings, Transportation, Work, Countries and Future - students build on previous knowledge with additional vocabulary, verb tenses, and grammatical structures appropriate to their level. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

GEOMETRY 412200CW

This online Geometry course is designed to help students understand the basic structure of geometry. This is done by strengthening algebraic skills, developing powers of spatial visualization, building knowledge of the relationships among geometric elements, improving understanding of the deductive method of reasoning, and the need for the precision of language in mathematics. This course enables students to solve problems about objects and shapes in two- and three- dimensions, including theorems about universal truths and spatial reasoning. Students will use a variety of tools including graphing utilities and dynamic software to represent and solve problems through modeling. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

GERMAN I 362100CW

German I provides an introduction to the basics of the German language and the German-speaking world. These standards dictate a pedagogical method that focuses on successful communication through speaking, listening, reading, and writing. Unit topics consist of the alphabet and numbers; greetings; introductions; the calendar (days, months, and seasons); weather; time; colors; familiar objects and places; family; food; pastimes; and school objects and routine. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

GERMAN II 362200CW

Instructional content in the virtual German II course introduces students to new grammar and vocabulary and allows them to build conversational and reading skills to cover many common situations in daily life. The units cover a broad range of useful everyday subjects, including daily routine, animals, entertainment, body parts, rooms and furniture, shopping and clothing, meals, sports and recreation, and transportation. Students must successfully complete German I in order to enroll in this course. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

GERMAN III 362300CW

The German III online course is an advanced level course that combines language skills and cultural knowledge learned in German I and German II. Students are exposed to advanced grammar and vocabulary which prepares them to become fluent in oral, literal and written work. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

INTERMEDIATE ALGEBRA 411700CW

This course is a study of systems of equations, quadratic functions, exponents and powers, polynomial functions, and rational functions. This is the second course in a two-part algebra I series. Students must successfully complete Foundations in Algebra to take this course. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

INTRODUCTION TO TECHNOLOGY (INTRO TO COMPUTERS) 470100CH

This online course is designed to introduce students to software applications that are necessary to live and work in a technological society. The applications covered include word processing, database, spreadsheet, and presentation. Other content areas may include computer hardware, terminology, and concepts. This course is an excellent complementary elective for any career cluster or major. It is recommended, but not required for students to have internet access at home when completing online coursework. (.5 credit)

INTRODUCTION TO DIGITAL IMAGING (COMPUTER LEARNING 2 ELECTIVE) 379942CH

In this online course, students will explore and become proficient users of graphic arts/desktop publishing software to produce creative and effective business documents such as promotional items, newsletters, brochures, etc. An emphasis will be placed on editing photos, working with text and colors, adjusting and filtering images, and creating professional quality documents. It is recommended, but not required for students to have internet access at home when completing online coursework. (.5 credit)

INTRODUCTION TO WEB DESIGN (COMPUTER LEARNING 3 ELECTIVE) 379943CH

This course is designed to introduce high school students to various skills, methods, and techniques related to basic web design, including HTML hand coding, css (cascading style sheets), image optimization, basic animations, rollovers, using available online web design tools. It is recommended, but not required for students to have internet access at home when completing online coursework. (.5 credit)

JOURNALISM 305000CH

This course is designed for students interested in newspaper journalism and developing their skills as a writer. The course explores the contemporary media and ethical responsibility issues faced by the press today. Students will learn the fundamentals of news, feature, editorial and sports writing. Copy reading, news style and editing will be stressed. Students will create

numerous original stories using varied structures and writing techniques. It is recommended, but not required for students to have internet access at home when completing online coursework. (.5 credit)

LATIN I 363100CW

Latin I is the introduction to the basics of Latin grammar as well as an introduction to Roman life, culture, mythology, and history. The grammar portion of the course is intended to help you develop the skills necessary to translate basic sentences from Latin to English and English to Latin, and for reading simple connected passages of Latin prose and poetry. The culture portion of the course is to give you an overview of ancient Roman culture and history, an overview of some of the more popular Greek and Roman myths. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

LATIN II 363200CW

Latin II is the continuation of Latin grammar and a deeper study of Roman Mythology and history. The grammar in Latin II is a lot of review from Latin I with expanding use of declensions, adjectives, adverbs, and cases. These skills will be used to translate longer Latin texts to English that require more knowledge of grammar rather than just vocabulary recall. The culture part of the course is an in - depth study of The Odyssey, the underworld, the rule rs and kings of Rome, and entertainment. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

MARKETING 542100CW

Students find out what it takes to market a product or service in today's fast-paced business environment. They learn the fundamentals of marketing using real-world business examples. They learn about buyer behavior, marketing research principles, demand analysis, distribution, financing, pricing, and product management. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

MUSIC APPRECIATION 356100CH

This course introduces students to the history, theory, and genres of music. The course explores the history of music, from the surviving examples of rudimentary musical forms through to contemporary pieces from around the world. The first semester covers early musical forms, classical music, and American jazz. The second semester presents modern traditions, including gospel, folk, soul, blues, Latin rhythms, rock and roll, and hip hop. The course explores the relationship between music and social movements and reveals how the emergent global society and the prominence of the Internet are making musical forms more accessible worldwide. It is recommended, but not required for students to have internet access at home when completing online coursework. (.5 credit)

INTRODUCTION TO MYTHOLOGY 309901CH

This course offers an overview of mythology and different kinds of folklore. Students will learn about the creation of myths and the traditional hero myths from various cultures, including Greece, the Middle East, the Far East and the Americas. Students will analyze the purpose, function and characteristics of myths and their role in current cultures across the globe. It is recommended, but not required for students to have internet access at home when completing online coursework. (.5 credit)

PERSONAL HEALTH WELLNESS 340200CH

The Health course is designed to encourage students to take an active role in personal health. Students will learn about a variety of health topics

including, health risks, types of illnesses, functions of the major systems of the body, and health career options. It is recommended, but not required for students to have internet access at home when completing online coursework. (.5 credit)

PHARMACOLOGY (\$299.00 TUITION) 55700CW

Pharmacology is an introduction to the pharmacy and careers in pharmaceuticals. Students will learn about pharmacy laws, medications and how they are given, medical abbreviations, and math and prescriptions. This is a great class for those interested in pharmacy, nursing or medicine. Pharmacology will prepare students to take the examination to receive certification as a Pharmacy Technician. This course includes a \$299.00 tuition. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

PHILOSOPHY (HONORS) 339963HH

This honors level course is an introduction to the methods, problems, and theories of the main branches of philosophy and the indestructible questions raised in regard to reality, truth, morality, power, meaning, purpose, and valid reasoning. Topics to be considered in this online course include the basis for beliefs, experience and reason in the development of knowledge, the mind and its place in nature, freedom and determinism, and the basis and nature of morality. It is recommended, but not required for students to have internet access at home when completing online coursework. (.5 credit)

PHYSICAL EDUCATION I 344100CW

Physical Education I places emphasis on health related fitness and developing the skills and habits necessary for a lifetime of activity. This online course includes skill development and the application of rules and strategies of a variety of different sports. Students are expected to keep a fitness log for 16 weeks to successfully complete this course. This course is required to meet South Carolina High School graduation requirements. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

PHYSICAL SCIENCE 321100CW

This online course is laboratory-based science class in which students will study the principals of chemistry and physics that include matter, energy, structure of atoms, chemical reactions, forces, and motion. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

PHYSICS 324100CW

This online course is designed to acquaint you with topics of physics, including motion and forces, conservation of energy and momentum, heat and thermodynamics. Class activities with this online physics course include discussion, problem solving, online lab simulations and other interactive activities, lab reports, and an exploration project. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

PROBABILITY AND STATISTICS 314400CW

Students learn counting methods, probability, descriptive statistics, graphs of data, the normal curve, statistical inference, and linear regression. Proficiency is measured through frequent online and offline assessments as well as asynchronous discussions. Problem-solving activities provide an opportunity for students to demonstrate their skills in real world situations. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

PSYCHOLOGY**334000CH**

Psychology is an introductory course that allows students to understand the workings of the human mind. Topics are explored from a theoretical and practical viewpoint. Students in this online class will focus on a variety of topics, including personality types, the capabilities of memory, stress, analysis of dreams and the importance of sleep, psychological disorders, understanding moods and emotions, stress, motivational techniques, and a variety of related topics. It is recommended, but not required for students to have internet access at home when completing online coursework. (.5 credit)

SOCIOLOGY**334500CH**

Sociology is the study of society and group behavior and provides a better understanding of their effects on an individual. The course content in this online class includes peer groups, the importance of the educational institutions in society, the effect of crime, and topics such as values, standards, habits, beliefs and attitudes which are present in modern society. It is recommended, but not required for students to have internet access at home when completing online coursework. (.5 credit)

SPANISH I**365100CW**

This online course will provide the student with a general introduction to the Spanish language: sound system, pronunciation, functional vocabulary related to everyday life, cultural information and basic grammatical structures. Emphasis will be on the acquisition of four skills: listening, speaking, reading and limited writing. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

SPANISH II**365200CW**

This online Spanish 2 course builds upon knowledge gained in Spanish 1. This course will also reinforce the skills learned in Spanish I: listening, speaking, reading and writing. Emphasis is on perfecting pronunciation, mastery of the basic grammatical structures, and increased communicative proficiency. Acquisition of functional vocabulary is expected. Students will be exposed to the past tenses, future, conditional and subjunctive mood. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

SPANISH III**365300CW**

This online course builds upon knowledge gained in Spanish 1 & 2. The course is a continuation and recycling of knowledge acquired in Spanish 1 and Spanish 2, as well as an introduction to new vocabulary, structures and expressions. Students will be expected to expand their vocabulary range to include more sophisticated terms, use advanced language expressions, verb tenses and grammatical concepts such as the pluperfect and the subjunctive mood. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

STUDY SKILLS**379989CH**

This online course focuses on techniques and learning strategies to improve students' study skills. Students learn how to set goals, develop strategies to achieve them, and monitor progress throughout the quarter. Areas of study include taking organized notes, time management, test-taking strategies, active listening, and methods of conducting research. It is recommended, but not required for students to have internet access at home when completing online coursework. (.5 credit)

UNITED STATES GOVERNMENT**333000CH**

This online course will examine the government of the United States in the past

and present, how it functions, and its impacts upon the population. Attention will be given to the local, state and federal government, with the primary goals of fostering an understanding of the system, an appreciation of its diversity and continuity, and a desire in staying actively involved in government. It is recommended, but not required for students to have internet access at home when completing online coursework. (.5 credit)

UNITED STATES HISTORY**332000CW**

United States History investigates the development of the nation from the colonial period to the present with a special emphasis on the post-Civil War eras. Additional emphasis will be placed on the interaction of history, geography, social and economic forces which influence national development. This online course will develop major themes in U.S. history, trace the chronology of that history, develop relationships between significant trends and ideas in U.S. history, identify assumptions and biases, and relate historical situations to present day concerns. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

HUMAN GEOGRAPHY**331000CH/331000CW**

Human Geography focuses on the patterns and spatial aspects of populations, culture, urban growth and decline, the spread of ideas and innovations, regional development, and the location of economic activity, as well as problems associated with these processes. This course does not utilize tests or textbooks often and will instead use current events, lecture, and student-produced work to show understanding of several subfields of study, including population, urban, economic, cultural, and political geography, as well as fundamental geographic concepts. (.5 or 1 credit)

WORLD HISTORY**336000CW**

This online course will introduce students to the major themes throughout world history beginning with early civilizations through modern history. It is recommended, but not required for students to have internet access at home when completing online coursework. (1 credit)

2022-23 COURSE GUIDE R2I2



Richland Two Institute of Innovation (R2I2)
Student Innovation Center
763 Fashion Drive Columbia, SC 29229

Mailing Address: 124 Risdon Way Columbia, SC 29223

R2i2 Mission Statement

As The Student Innovation Center at R2i2, our *mission* is to foster individual student growth as an innovator by stimulating creativity, encouraging leadership, promoting teamwork, and building entrepreneurial skills while engaging the global community.

Leadership Team

Kevin Alberse, Director
Sandra Baker, Administrative Assistant &
Bookkeeper

Faculty and Staff

Kirstin Bullington
Sonya Hayden
Tara McCormick
Robin Jones
Nic Jones
Kelli Rembert
Marilyn Ross
Dipali Vaughan



R2i2 Course Offerings

A note about this guide: The larger blue text highlights each strand offered at R2i2. The first course name listed with the course number next to it is how the SC Department of Education recognizes the course. The course names in quotes are the R2i2 titles and are used when discussing and marketing the courses.

Next Energy Engineering

Clean Energy Systems 1 638000CW or 638000HW: “Next Energy Engineering 1” (Honors or College Prep)

This course exposes students to three sources of renewable energy: wind, solar and biofuels. Working with solar, thermal, chemical and mechanical sources of clean energy teaches students how to apply physics, geography, chemistry, biology, geometry, algebra and engineering fundamentals. Students learn the most efficient and appropriate use of energy production as they explore the relevant relationships among work, power and energy. Students will engage in a wide variety of hands on projects and lab activities that both test their knowledge and illustrate the interrelationships between the various forms of clean energy. **Credit: 1**

Clean Energy Applications 2 638100CW or 638100HW: “Next Energy Engineering 2” (Honors or College Prep)

This course builds on the foundation of Course 1 and introduces nuclear power, bioenergy, fuel cells, geothermal power, water power, AC/DC power generation, heat transfer and the laws of thermodynamics. In addition, students now use chemical and thermal energy principles to create, store and use energy efficiently to power a variety of mechanical and electrical devices. Students will engage in a variety of hands-on design projects to demonstrate principles using advanced technology hardware and software. No Prerequisites. **Credit: 1**

3D Printing & 3D Design w/CATIA (all classes/sections are taught concurrently during each period) May have MTC Dual Credit Option

Mechanical Design 1 617200CW: “3D Printing and 3D Design w/CATIA (V.5) I”

The 3D Printing and Design I course at R2i2 will educate students on the use and application of CATIA V.5: a multi-platform computer-aided design (CAD)/computer-aided manufacturing (CAM)/computer-aided engineering (CAE) software suite. Students will design parts and assemblies according to the specifications of each assignment and manufacture these parts using 3D-Printing/Additive Manufacturing. Students will prepare for professional certification in CATIA v5 in Mechanical Design 2 and receive more information on the pursuit of careers in this industry. **Credits: 1**

Mechanical Design 2 617300CW or 617300HW: “3D Printing and 3D Design w/CATIA (v.5) II” (Honors or College Prep)

The 3D Printing and Design II course at R2i2 will advance student competency in the use and application of CATIA: a multi-platform computer-aided design (CAD)/computer-aided manufacturing (CAM)/computer-aided engineering (CAE) software suite. Students will expand on level 1 competencies with advanced topics including Kinematics, Parametric modeling, and Additive Manufacturing Certification. Students will test for professional certification in CATIA and be introduced to the professional careers within these industries. *Additional coursework will be required of honors students.* **Credits: 1**

Print Reading and Sketching: 620900EW (Dual Enrollment Class with MTC: EGT 106)

This course covers the interpretation of basic engineering drawings and sketching techniques for making multi-view pictorial representations. This course also includes an introduction to engineering technology, and an introduction to Computer Aided Design (CAD). **HS Credits: 1**

Intermediate CAD Applications: 844600EW (Dual Enrollment Class with MTC: EGT 156)

This course builds on the fundamentals of computer-aided drafting and includes such concepts as 3D modeling and user interface customization. This course also provides the foundation for advanced computer-aided drafting concepts and applications. *Prerequisite: Print Reading and Sketching Dual Credit* **HS Credits: 1**

Computer Programming and Coding

Computer Programming 1 505000CW: “Apple App Development”

Students will build apps for Apple’s mobile devices using the language and tools of professionals – Swift and Xcode. Students experience an authentic workplace environment applying the skills of problem-solving, collaboration, and communication to industry best practices, like paired programming and rapid iteration. The apps students build grow in complexity throughout the semester, culminating in an app showcase, where students demonstrate an app they built – just like professionals do at technology events. **Credit: 1 (Satisfies Computer Science Graduation Requirement)** (Will change to virtual Python course if section needs to be collapsed)

Computer Programming 1 506400CW: “App Development Using Python”

Students will dive into the fundamentals of programming concepts while learning text based coding using Python. Students will apply skills such as computational problem solving, collaboration, and communication. Student projects will increase in complexity throughout the semester, culminating in creative tasks that allow them further exploration of various topics driven by their interests. **Credit: 1 (Satisfies Computer Science Graduation Requirement)**

Culinary

This course is offered in blocks. Blocks offer 2 credit hours.

Baking and Pastry 572300CD

Baking and Pastry for secondary students is a course that provides students an opportunity to develop foundational skills needed for a seamless transition to a postsecondary program, workforce, or military. Students will develop advanced skills in safety and sanitation in addition to management and professionalism. Specialized content includes units on formulas and techniques, basic baking principles, specialized dietary baking, breads, desserts and pastries, and advanced techniques for specialty cakes, confections, piping, plate presentation, and flavor pairing. Concepts are aligned with competencies from the American Culinary Federation (ACF) Education foundation assessment, and ACF Retail Commercial Baking Certification. **Credits: 2**

Business

Social Media & Business 503400CW: "Marketing and Social Media"

This course covers an introduction to the field of marketing with a detailed study of the marketing concept and the processes of product development, pricing, promotion, and marketing distribution.

Additionally, students will participate in creation of a vast array of social media sites, resources, applications and tools, as well as evaluating the impact, effectiveness and design of various elements of advertising strategy and campaigns. Students will learn to use social media and content marketing to grow businesses and enhance consumer engagement. **Credits: 1**

Fashion Marketing: 541000CW: "Fashion Marketing"

Students will learn about the unique way in which fashion products are marketed. Key marketing theory is studied with special emphasis on the interface between design/ creativity and the commercial imperative. Fashion marketing theory is about understanding and satisfying consumer needs. There is a focus on developing an understanding of the fashion consumer, consumer behavior, segmentation, targeting and positioning. Internal and external influences on individual and organizational decision making are also considered. Fashion marketing considers the fashion product, the nature of pricing (with costing and global economics in mind), the way the product is branded, communicated and promoted to consumers and the environment in which it is sold. The global nature of the fashion industry and its impact on marketing is considered as well. **Credits: 1**

FUNDAMENTALS OF BUSINESS, MARKETING, AND FINANCE COURSE CODE: 5090 or Innovative Course # TBD

This course allows students to begin their understanding of basic financial concepts through the application of personal finance standards and indicators and then progress by expanding that knowledge and applying it towards corporate financial analysis. Finally, students will be able to merge both personal and corporate financial analysis in a real-world setting by participating in a stock market simulation. **Credits: 1**

STEAM

B.E.A.T.S. & Animation 688700CW (innovative course # approved by SDE): "Animation and B.E.A.T.S. (Beginning Engineering of Audio Technology and Sound)"

Animation & B.E.A.T.S (Beginning Engineering in Audio Technology & Sound) is a unique course which brings together two universally powerful tools for communication, creativity and entertainment. This hands-on and product-focused course offers students the opportunity to develop knowledge and skills in 2D animation and music production. On completion of this course students will be able to showcase their creativity, technical and practical skills, design and critical thinking skills, as well as their employability skills to pursue further training in animation and music production if they so choose, or follow careers in various exciting STEAM-based fields. **Credits: 1**

R2i2 Dual Enrollment Options Not Listed In This Guide: USC-Sumter

Courses subject to availability contingent upon University staffing.

Dual Enrollment Courses offered at R2i2 but not taught by R2i2 Instructors are communicated to Guidance Departments as information becomes available. These Dual Enrollment courses are offered through University of South Carolina-Sumter and taught by USC Professors on the R2i2 Student Innovation Center's campus. To enroll in any dual enrollment courses, students must meet specified criteria established by USC-Sumter AND R2i2. Parents/guardians should check with their student's university or colleges of interest to see if dual enrollment/credit courses will be accepted.

NOTE: The student must receive credit in both Eng. 101 & Eng. 102 to meet the Eng. 4 requirement for a high school diploma.





Any student interested in playing Division I, II, or III Athletics should carefully read the information found here: <http://www.ncaa.org/student-athletes/future/eligibility-center>



DIVISION I ACADEMIC REQUIREMENTS

College-bound student-athletes will need to meet the following academic requirements to practice, receive athletics scholarships, and/or compete during their first year.

Core-Course Requirement

Complete 16 core courses in the following areas:

ENGLISH

4 years

MATH
(Algebra I or higher)

3 years

**NATURAL/
PHYSICAL
SCIENCE**
(Including one year of lab, if offered)

2 years

ADDITIONAL
(English, math, or natural/physical science)

1 year

**SOCIAL
SCIENCE**

2 years

**ADDITIONAL
COURSES**
(Any area listed to the left, foreign language or comparative religion/philosophy)

4 years

Full Qualifier

- Complete 16 core courses.
 - Ten of the 16 core courses must be completed before the seventh semester (senior year) of high school.
 - Seven of the 10 core courses must be in English, math or natural/physical science.
- Earn a core-course GPA of at least 2.300.
- Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.

Academic Redshirt

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.

Full Qualifier:

College-bound student-athletes may practice, compete and receive athletics scholarships during their first year of enrollment at an NCAA Division I school.

Academic Redshirt:

College-bound student-athletes may receive athletics scholarships during their first year of enrollment and may practice during their first regular academic term, but may NOT compete during their first year of enrollment.

Nonqualifier:

College-bound student-athletes cannot practice, receive athletics scholarships or compete during their first year of enrollment at an NCAA Division I school.

International Students: Please visit ncaa.org/international for information and academic requirements specific to international student-athletes.

Test Scores

When a student registers for the SAT or ACT, he or she can use the NCAA Eligibility Center code of **9999** so his or her scores are sent directly to the NCAA Eligibility Center from the testing agency. Test scores on transcripts will **NOT** be used in his or her academic certification.

A combined SAT score is calculated by adding reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores. A student may take the SAT or ACT an unlimited number of times before he or she enrolls full time in college. If a student takes either test more than once, the best subscores from each test are used for the academic certification process.

If you took the SAT in March 2016 or after, and plan to attend an NCAA Division I college or university in the 2018-19 or 2019-20 academic years, use the following charts to understand the core-course GPA you need to meet NCAA Division I requirements.

For more information on the SAT, click [here](#) to visit the College Board's website.

DIVISION I FULL QUALIFIER SLIDING SCALE			
Core GPA	New SAT*	Old SAT (Prior to 3/2016)	ACT Sum
3.550	400	400	37
3.525	410	410	38
3.500	430	420	39
3.475	440	430	40
3.450	460	440	41
3.425	470	450	41
3.400	490	460	42
3.375	500	470	42
3.350	520	480	43
3.325	530	490	44
3.300	550	500	44
3.275	560	510	45
3.250	580	520	46
3.225	590	530	46
3.200	600	540	47
3.175	620	550	47
3.150	630	560	48
3.125	650	570	49
3.100	660	580	49
3.075	680	590	50
3.050	690	600	50
3.025	710	610	51
3.000	720	620	52
2.975	730	630	52
2.950	740	640	53
2.925	750	650	53
2.900	750	660	54
2.875	760	670	55
2.850	770	680	56
2.825	780	690	56
2.800	790	700	57
2.775	800	710	58

DIVISION I FULL QUALIFIER SLIDING SCALE			
Core GPA	New SAT*	Old SAT (Prior to 3/2016)	ACT Sum
2.750	810	720	59
2.725	820	730	60
2.700	830	740	61
2.675	840	750	61
2.650	850	760	62
2.625	860	770	63
2.600	860	780	64
2.575	870	790	65
2.550	880	800	66
2.525	890	810	67
2.500	900	820	68
2.475	910	830	69
2.450	920	840	70
2.425	930	850	70
2.400	940	860	71
2.375	950	870	72
2.350	960	880	73
2.325	970	890	74
2.300	980	900	75
2.299	990	910	76
2.275	990	910	76
2.250	1000	920	77
2.225	1010	930	78
2.200	1020	940	79
2.175	1030	950	80
2.150	1040	960	81
2.125	1050	970	82
2.100	1060	980	83
2.075	1070	990	84
2.050	1080	1000	85
2.025	1090	1010	86
2.000	1100	1020	86

ACADEMIC REDSHIRT

*Final concordance research between the new SAT and ACT is ongoing.

NCAA is a trademark of the National Collegiate Athletic Association.

2018 DIVISION II NEW ACADEMIC REQUIREMENTS

College-bound student-athletes first enrolling at an NCAA Division II school on or after Aug. 1, 2018, need to meet new academic rules to practice, compete and receive athletics scholarships during their first year.

Core-Course Requirement

Complete 16 core courses in the following areas:

<p>ENGLISH</p> <p>3 years</p>	<p>MATH (Algebra I or higher)</p> <p>2 years</p>	<p>NATURAL/ PHYSICAL SCIENCE (Including one year of lab, if offered)</p> <p>2 years</p>	<p>ADDITIONAL (English, math, or natural/physical science)</p> <p>3 years</p>	<p>SOCIAL SCIENCE</p> <p>2 years</p>	<p>ADDITIONAL COURSES (Any area listed to the left, foreign language or comparative religion/philosophy)</p> <p>4 years</p>
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Full Qualifier

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.200.
- Earn the ACT/SAT score matching your core-course GPA on the Division II full qualifier sliding scale (see back page).
- Graduate high school.

Partial Qualifier

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn the ACT/SAT score matching your core-course GPA on the Division II partial qualifier sliding scale (see back page).
- Graduate high school.

Full Qualifier:

College-bound student-athletes may practice, compete and receive athletics scholarships during their first year of enrollment at an NCAA Division II school.

Partial Qualifier:

College-bound student-athletes may receive athletics scholarships during their first year of enrollment and may practice during their first regular academic term, but may NOT compete during their first year of enrollment.

Nonqualifier:

College-bound student-athletes may not practice, compete or receive athletics scholarships during their first year of enrollment at an NCAA Division II school.

International Students: Please visit ncaa.org/international for information and academic requirements specific to international student-athletes.

Test Scores

If you took the SAT in March 2016 or after, and plan to attend an NCAA Division II college or university in the 2018-19 or 2019-20 academic years, use the following charts to understand the core-course GPA you need to meet NCAA Division II requirements.

A combined SAT score is calculated by adding reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores. You may take the SAT or ACT an unlimited number of times before you enroll full time in college. If you take either test more than once, the best subscores from each test are used for the academic certification process.

For more information on the SAT, click [here](#) to visit the College Board's website.

DIVISION II FULL QUALIFIER SLIDING SCALE			
USE FOR DIVISION II BEGINNING AUGUST 2018			
Core GPA	New SAT*	Old SAT (Prior to 3/2016)	ACT Sum
3.300 & above	400	400	37
3.275	410	410	38
3.250	430	420	39
3.225	440	430	40
3.200	460	440	41
3.175	470	450	41
3.150	490	460	42
3.125	500	470	42
3.100	520	480	43
3.075	530	490	44
3.050	550	500	44
3.025	560	510	45
3.000	580	520	46
2.975	590	530	46
2.950	600	540	47
2.925	620	550	47
2.900	630	560	48
2.875	650	570	49
2.850	660	580	49
2.825	680	590	50
2.800	690	600	50
2.775	710	610	51
2.750	720	620	52
2.725	730	630	52
2.700	740	640	53
2.675	750	650	53
2.650	750	660	54
2.625	760	670	55
2.600	770	680	56
2.575	780	690	56
2.550	790	700	57
2.525	800	710	58
2.500	810	720	59
2.475	820	730	60
2.450	830	740	61
2.425	840	750	61
2.400	850	760	62
2.375	860	770	63
2.350	860	780	64
2.325	870	790	65
2.300	880	800	66
2.275	890	810	67
2.250	900	820	68
2.225	910	830	69
2.200	920	840 & above	70 & above

DIVISION II PARTIAL QUALIFIER SLIDING SCALE			
USE FOR DIVISION II BEGINNING AUGUST 2018			
Core GPA	New SAT*	Old SAT (Prior to 3/2016)	ACT Sum
3.050 & above	400	400	37
3.025	410	410	38
3.000	430	420	39
2.975	440	430	40
2.950	460	440	41
2.925	470	450	41
2.900	490	460	42
2.875	500	470	42
2.850	520	480	43
2.825	530	490	44
2.800	550	500	44
2.775	560	510	45
2.750	580	520	46
2.725	590	530	46
2.700	600	540	47
2.675	620	550	47
2.650	630	560	48
2.625	650	570	49
2.600	660	580	49
2.575	680	590	50
2.550	690	600	50
2.525	710	610	51
2.500	720	620	52
2.475	730	630	52
2.450	740	640	53
2.425	750	650	53
2.400	750	660	54
2.375	760	670	55
2.350	770	680	56
2.325	780	690	56
2.300	790	700	57
2.275	800	710	58
2.250	810	720	59
2.225	820	730	60
2.200	830	740	61
2.175	840	750	61
2.150	850	760	62
2.125	860	770	63
2.100	860	780	64
2.075	870	790	65
2.050	880	800	66
2.025	890	810	67
2.000	900	820 & above	68 & above

*Final concordance research between the new SAT and ACT is ongoing.

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Seals of Distinction

Students enrolled in SC high schools have the opportunity to earn graduation Seals of Distinction within each high school diploma pathway that identifies a particular area of focus. The earning of a graduation seal(s) shall be based upon the following criteria:

- Students must meet all SC Diploma Requirements related to earning a high school diploma.
- Students may earn one or more Seals of Distinction including an Honors Seal, College-Ready Seal, Career Seal, and Specialized Seal focusing on STEM, World Languages, Arts, & Military.
- Students are not required to earn a Seal of Distinction in order to receive a diploma.



DIPLOMA PATHWAYS SEALS OF DISTINCTION OVERVIEW

One or more Seals may be earned, but are not required for graduation.

*Consult District or School Curriculum Guides for more information regarding curriculum choices and requirements.

Honors Seal of Distinction	College-Ready Seal of Distinction	Career Seal of Distinction	Specialization Seal of Distinction (Complete one area to qualify)
<ul style="list-style-type: none"> • GPA 3.5 or higher <p>English- *4 Credits 2 at honors or higher level</p> <p>Math- *4 Credits 3 at honors or higher level (Alg. 2 as a prerequisite for the 4th higher level credit)</p> <p>Lab Science - *3 Credits 2 at honors or higher</p> <p>Social Studies- *3 Credits 2 at the honors or higher level</p> <p>World Languages - *2 Credits of the same language for class of 18-19 9th graders *3 Credits of the same language for entering 9th graders 19-20 and beyond</p> <p>Advanced Coursework- 4 credits of honors or higher in Jr/Sr years</p>	<ul style="list-style-type: none"> • GPA 3.0 or higher <p style="text-align: center;">OR</p> <p>ACT (Composite Score) = 20 OR SAT = 1020 (combined math and evidenced-based reading/writing scores)</p> <p>English- *4 Credits</p> <p>Math- *4 Credits Alg. 1, Geometry, Alg.2 and 4th Math with Alg.2 or Integrated Math 3 as a prerequisite</p> <p>Lab Science- *3 Credits</p> <p>Social Studies- *3 Credits</p> <p>World Language- *2 Credits of the same language</p> <p>Fine Arts- 1 Credit</p>	<ul style="list-style-type: none"> • GPA 2.5 or higher <p>(Innovative courses <u>may</u> be approved and must align with student’s post secondary plan.)</p> <p>English- *4 Credits</p> <p>Math- *4 Credits</p> <p>Science- *3 Credits</p> <p>Social Studies- *3 Credits</p> <p>And Completion of an EEDA major</p> <p>And one of the following: Earn at least 1 industry-recognized credential OR Silver or higher on WIN OR A semester-long WBL placement credit.</p>	<ul style="list-style-type: none"> • GPA 3.0 or higher (all areas) • STEM- *4 credits beyond required courses in math, science, and technology ; at least 2 at honors level or higher; may be in 1 area of STEM or across 4 areas • World Language- *4 credits in the <u>same language</u> and/or minimum ACTFL Exam score of “Intermediate Low” ; Or AP exam score- 3 or higher Or IB exam score- 4 or higher before the senior year; Limited English Proficiency students – all criteria above and Level 5 composite ACCESS test score • Military- *4 credits in JROTC; and an ASVAB score of 31 or higher • Arts- *4 credits in single or multiple areas of the Arts; 2 or more at Honors or higher level; Mastery on external exam or performance task

College and Career Ready Requirements

Richland School District Two requires every graduate to meet the requirements below to be (CCR) College or Career Ready. You only have to meet one of the nine ways to be CCR.

Career Ready

Completes a State Approved Work-Based Learning Program

Work-based learning (WBL) is a school-coordinated, sponsored, coherent sequence of workplace experiences that are related to students' career goals and/or interests, are based on instructional preparation, and are performed in partnership with local businesses, industries, or other organizations in the community. WBL enables students to apply classroom instruction in a real-world business or service-oriented work environment. Requirement: 40 WBL Hours

CTE Completer w/ Certification - Beginning last year, students will be asked to complete a pathway within their elective credits required for graduation. Each semester students can take courses within their pathway to become a completer. Most pathways have two required courses and then the students can pick from one additional (within the pathway) to become a completer. By doing this, and earning a certification (offered within one of the three courses during the pathway) the student qualifies as a completer. This does NOT require any additional testing, just completion of the coursework (which is done during the typical HS experience when followed)

Earn Silver, Gold, or Platinum on the WIN Test - The WIN: Ready to Work assessment, which replaced the "work keys" assessment is an employability test that is required for ALL 3rd year students. This is by far the most attainable way to qualify as CCR. Considering this is given in a student's 3rd year of HS and is required, this is an excellent way to qualify prior to senior year.

ASVAB Score of 31 or Better - The ASVAB test, commonly thought to be for armed forces enlistment, is a valuable career exploration tool. We offer the ASVAB at several points throughout the year. Our students, who elect to take it, perform well and are provided their results with a free interpretation to identify career paths aligned with their strengths. The taking of the ASVAB does not commit them to anything relating to the armed forces.

College Ready

AP Exam of 3 or Better - AP courses at Ridge View High School are a great way to qualify as CCR. Performing well can earn you college credit based on the end of course examination. Additionally, the College Board website has valuable information regarding AP courses, testing, and preparation.

Pass 6 Dual Enrollment Hours w/ a C or Better - Similar to AP courses, dual enrollment classes are college classes that you can earn both HS and college credit for. We share a partnership with local universities. These courses are tuition free and are taught by RVHS teachers. Students who meet entrance requirements (via the Accuplacer test), and pass 2 courses (or 6 hours) with a C or better, qualify as CCR and earn college credit. Unlike AP courses, there is no "exam" in order to earn college credit.

ACT Score of 20 or Better - The ACT test is one of the tests offered to third year students and is generally used for entrance into 4 year universities. RVHS offers one of the college entrance exams to each third year student free of charge. Learn more about how you can prepare for the ACT at act.org. Students are also welcome and encouraged to take these tests on their own outside of the free MHS offering

SAT Score of 1020 or Better - The SAT test is one of the tests offered to third year students and is generally used for entrance into 4 year universities. RVHS offers one of the college entrance exams to each third year student free of charge. Learn more about how you can prepare for the SAT at collegeboard.org. Students are also welcome and encouraged to take these tests on their own outside of the free RVHS offering.