

ROCKINGHAM
COUNTY SCHOOLS

HIGH SCHOOL REGISTRATION GUIDE





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Dear incoming and current high school students and families:

This high school course handbook contains information needed to register for next school year. Please read carefully. Give serious consideration to your course selections. Registration is a commitment to take the courses you have selected for the upcoming school year. Remember you are requesting a specific course, not a specific teacher, time, and/or place. Every effort will be made to schedule students for the courses selected. Qualified students may enroll in any course regardless of ethnic origin, sex, race or handicapping condition.

All traditional high schools are fully accredited by the Southern Association of Colleges and Schools, the regional accreditation agency, and by the State Department of Public Instruction. This accreditation means Rockingham County Schools have met and/or surpassed a strict set of national standards of educational excellence.

Students in Rockingham County are required to complete a Senior Project. The project has four components: a research paper, a portfolio, a product, and a presentation. More information regarding Senior Project can be found on the RCS website. Additionally, students who entered ninth grade in 2006-2007 or later are required to be proficient (level III or IV) on five essential end-of-course tests: Algebra I, Biology, Civics & Economics, English I, and US History.

Course selections should be taken very seriously. Please make sure you listen to the advice of school officials when selecting courses and alternates. Schedule changes WILL ONLY BE GRANTED if there is an academic misplacement. If you have any questions regarding this process please contact the school.

Additional courses available to Rockingham County High School students include: Rockingham Community College Courses, University of North Carolina at Greensboro iSchool, and North Carolina Virtual Public School. For details, contact your school counselor or 336-627-2621.

Sincerely,

Nakia Hardy
Assistant Superintendent-K12 Curriculum & Instruction/High Schools

Diploma Pathway	Career	College Tech Prep	College University	Future Ready Core	Occupational Course of Study
	For Ninth Graders Entering Between 2000 – 2008-09	For Ninth Graders Entering Between 2000 – 2008-09	For Ninth Graders Entering Between 2000 – 2008-09	For Ninth Graders Entering in 2009-10 and Later	For some Ninth Graders with Cognitive Disabilities 2000 and beyond
English	4 Credits I, II, III, IV	4 Credits I, II, III, IV	4 Credits I, II, III, IV	4 Credits I, II, III, IV	4 Credits Occupational English I, II, III, IV
Mathematics	3 Credits Including Algebra I <i>This requirement can be met with Integrated Math I & II when accompanied with the Algebra I EOC.</i>	3 Credits* Algebra I, Geometry, Algebra II, OR Algebra I, Technical Math I & II.	4 Credits Algebra I, Algebra II, Geometry, and higher level math course with Algebra II	4 Credits (Algebra I, Geometry, Algebra II) 4th Math Course to be aligned with the student's post high school plans	3 Credits Occupational Mathematics I, II, III
Science	3 Credits A physical science course, Biology, Earth/Environmental Science	3 Credits A physical science course, Biology, Earth/Environmental Science	3 Credits A physical science course, Biology, Earth/Environmental Science	3 Credits A physical science course, Biology, Earth/Environmental Science	2 Credits Life Skills Science I, II
Foreign Language	Not required	Not required	2 Credits in the same language	Not required for graduation. Required to meet MAR (minimum application requirements) for UNC.	Not required
Social Studies	3 Credits Civics and Economics, US History, World History	3 Credits Civics and Economics, US History, World History	3 Credits Civics and Economics, US History, World History	3 Credits Civics and Economics, US History, World History	2 Credits Social Studies I (Government/ US History) Social Studies II (Self-Advocacy/ Problem Solving)
Health & Physical Education	1 Credit Health/Physical Education	1 Credit Health/Physical Education	1 Credit Health/Physical Education	1 Credit Health/Physical Education	1 Credit Health/Physical Education
Career & Technical Education (CTE)	4 Credits in Career/ Technical Select courses appropriate for career pathway to include a second level (advanced) course; OR	4 Credits Select courses appropriate for career pathway to include a second level (advanced) course.	Not Required	N/A	4 Credits Career/Technical Education electives
JROTC	4 Credits in JROTC; OR				
Art Education (including visual, dance, music, & theatre arts)	4 Credits in an Arts Discipline Select courses appropriate for an arts education pathway to include an advanced course.				
Electives	8 Elective Credits	10 Elective Credits	9 Elective Credits	13 Credits TOTAL required – CTE – Second Languages – JROTC – Arts Education (e.g. dance, music, theater arts, visual arts) – Any other subject area (e.g. mathematics, science, social studies, English)	Occupational Preparation: 12 Credits Occupational Preparation I, II, III, IV. Elective credits/ completion of IEP objectives/Career Portfolio required
TOTAL	28 Credits	28 Credits	28 Credits	28 Credits	28 Credits

CULTURAL ARTS

Course: Course #	Credit Grades Weight Prerequisite	Description
Art I: #541520	Credit: 1 Grades: 9-12 Weight: S Prerequisite: None	Explore art with a variety of "hands on" activities in drawing, painting, sculpting, printmaking, basketry, pottery, and weaving. While exploring each area in Art I, develop an understanding of art history.
Art II: #541620	Credit: 1 Grades: 10-12 Weight: S Prerequisite: Art I	Continue study of art criticism, drawing, painting, pottery, fibers and improve skills in all art areas.
Art III: #541720	Credit: 1 Grades: 11-12 Weight: S Prerequisite: Art II	Specialize your art skills in selected areas and further your knowledge of art history and art criticism. Areas that students may continue studying in are drawing, pottery, sculpture, weaving, and media exploration.
Art IV: #541820	Credit: 1 Grade: 12 Weight: S Prerequisite: Art III	Continue the specialized skills emphasized in Art III. Work independently in a teacher-approved medium
Honors Studio Art A: #541851	Credit: 1 Grade: 12 Weight: H Prerequisite: Art I-IV, teacher recommendation	Continue your study of art by participating in this independent study. Students will explore three different media, complete critical analysis of works of art, maintain a daily journal, compile a portfolio, and conduct research. The course will be designed to meet the student's individual interests under the supervision of the teacher.
Honors Studio Art B: #541852	Credit: 1 Grade: 12 Weight: H Prerequisite: Honors Studio Art A, teacher recommendation	Complete your high school study of art by participation in this independent study. Help design your study to meet your individual interests in the field of art. Complete research, critical analysis of art work, maintain a daily journal, and compile a portfolio while working under the supervision of the teacher.
3D Visual Arts: #542520	Credit: 1 Grade: 10-12 Weight: S Prerequisite: Art I	Develop skills in pottery, sculpture, ceramics, and other skills not covered in Art I. Students will make wheel thrown and hand-built pieces of pottery. Students will also study origins of clay, kilns, firing processes, and the lives of professional potters.
Photography: #543720	Credit: 1 Grades: 10-12 Weight: S Prerequisite: Art I, teacher approval	Learn to compose, develop and print black & white photos. Students must provide 35mm camera and film.
Band: #525521	Credit: 1 Grades: 9-12 Weight: S	Continue instrumental music instruction with an emphasis on musical performance.
Marching Band: #525522	Credit: 1 Grades: 9-12 Weight: S	Continue instrumental music instruction with an emphasis on musical performance. Perform at all home and some selected away football games, local parades, school, and civic functions.
Symphonic/Marching Band: #525523	Credit: 1 Grades: 9-12 Weight: S Prerequisite: Band experience, audition or previous instrumental training	Continue instrumental music instruction with an emphasis on musical performance. Perform at all home and some selected away football games, local parades, school, and civic functions.
Concert Band: #525621	Credit: 1 Grades: 9-12 Weight: S Prerequisite: Band experience, audition or previous instrumental training. Expand your musical understanding	Expand your musical understanding and technical development. Develop an understanding of music theory, history, and literature.
Jazz Band: #526520	Credit: 1 Grades: 9-12 Weight: S Prerequisite: Audition	Expand your knowledge in the areas of jazz, rhythm and blues, and soul music. Serve as member of the Pep band for school activities.

9th Grade Band: #525529	Credit: 1 Grades: 9 Weight: S Prerequisite: Three years of middle school band	Continue instrumental instruction from Middle School band with an emphasis on developing skills for the marching band and the grade 10-12 symphonic band.
Wind Ensemble: #525821	Credit: 1 Grades: 10- 12 Weight: S Prerequisite: Audition	Explore a broad range of literature that represents all aspects of wind literature, including 20th century, solo, and small ensemble, transcriptions, and original works. Study in-depth the field of instrumental music that includes performance, sight-reading, improvising melodies notating, and analyzing music. Local area performances and two concerts required.
Honors Wind Ensemble A: #525851	Credit: 1 Grades: 10- 12 Weight: H Prerequisite: Audition	Continue to explore a broad range of literature that represents all aspects of wind literature, including 20th century, solo, and small ensemble, transcriptions and original works. Students will have in-depth study in instrumental music that will include performance, sight reading, improvising melodies, notating, and analyzing music. Attendance at District Solo and Ensemble Festival and Concert Festival are required as well as two concerts and area performances.
Chorus: #523021	Credit: 1 Grades: 9- 12 Weight: S Prerequisite: None	Learn the basic skills of vocal techniques, musical interpretation, note reading, and basic musicianship through a variety of styles.
Chorus II: #523121	Credit: 1 Grades: 10- 12 Weight: S Prerequisite: Chorus, Audition	Continue to focus on skills of vocal techniques, musical interpretation, note reading, and musicianship through a variety of musical styles.
Grade 9 Chorus: #523020	Credit: 1 Grades: 9 Weight: S Prerequisite: None	Learn the basic skills of vocal, techniques, musical interpretation, note reading, and basic musicianship through a variety of styles.
Concert Choir: #523220	Credit: 1 Grades: 9- 12 Weight: S Prerequisite: Audition	Further your attainment of good skills in rhythm, interval recognition, tone production, blend, and intonation. Study music from the Renaissance through today's popular styles.
Concert Choir Honors: #523250	Credit: 1 Grades: 10- 12 Weight: H Prerequisite: Previous choral courses, audition	Further your attainment of good skills in rhythm, interval recognition, tone production, blend, and intonation. Study music from the Renaissance through today's popular music.
Girls' Chorus/Men's Ensemble: #523122, #523124	Credit: 1 Grades: 9- 12 Weight: S Prerequisite: Audition	Develop good singing techniques in chorus. Study all styles of music.
Vocal Ensemble: #523320	Credit: 1 Grades: 10-12 Weight: S Prerequisite: Audition	Learn techniques of show choir and jazz choir with emphasis placed on vocal independence. Receive training in choreography with singing and microphone usage in singing.
Vocal Ensemble Honors: #523353	Credit: 1 Grades: 10-12 Weight: H Prerequisite: Previous choral courses as determined by the individual school, audition	Learn techniques of show choir and jazz choir with emphasis placed on vocal independence. Receive training in choreography with singing and microphone usage in singing.
Women's Ensemble: #523123	Credit: 1 Grades: 10-12 Weight: S Prerequisite: Audition	Learn techniques of show choir and jazz choir with emphasis placed on vocal independence. Receive training in choreography with singing and microphone usage in singing.
Honors Vocal Music A: #523351	Credit: 1 Grades: 12 Weight: H Prerequisite: Teacher recommendation	Develop and refine higher levels of vocal ability and improve vocal musical interpretations. Through analysis and the study of history, appropriate musical vocabulary, and symbols, students will develop appreciation of and an understanding of music in relation to styles of music, music periods, composers, and various cultures.

Honors Vocal Music B: #523352	Credit: 1 Grades: 9- 12 Weight: H Prerequisite: Teacher recommendation	Continue the advanced study of vocal music with the interpretation and performance of solo and ensemble music. Continue the analysis and the study of history, appropriate musical vocabulary, and symbols and develop an understanding of music in relation to styles of music, music periods, composers, and various cultures.
Piano Lab (RCHS only): #527521	Credit: 1 Grades: 9- 12 Weight: S Prerequisite: None	Learn the musical keyboard basic techniques and rudimentary skills in music reading.
Advanced Piano Lab (RCHS only): #527522	Credit: 1 Grades: 9- 12 Weight: S Prerequisite: Piano Lab or audition	Study more advanced music literature. Learn key signatures and scales and their application through improvisation and modulation.
Theatre Arts I: #531521	Credit: 1 Grades: 9-12 Weight: S Prerequisite: None	Explore an introduction to the theatre with general background knowledge in pantomime, voice production, acting, directing, and theatre history. Gain actual acting experience.
Theatre Arts II: #531621	Credit: 1 Grades: 10-12 Weight: S Prerequisite: Theatre Arts I, audition	Further your study of acting, directing and stage writing techniques. Learn basic scenery design, set construction, and principles of lighting in this performance-oriented course.
Honors Theatre Arts A: #531751	Credit: 1 Grades: 11-12 Weight: H Prerequisite: Theatre Arts I and II, teacher recommendation	Continue your study of theatre arts in this independent study course that will include the study of script writing and editing, improvisation, acting, design and production, and directing. Participate in research, comparison and contrast analysis and critiques.
Honors Theatre Arts B: #531851	Credit: 1 Grades: 11-12 Weight: H Prerequisite: Honors Theatre Arts A, teacher recommendation	Participate in this independent study course by completing projects in one or more areas of theatre expertise. Student and teacher will work together in designing the specific projects in one or more areas of theatre expertise. Student and teacher will work together in designing the specific projects to meet the individual interests and skills of the student.
Technical Theatre I: #532521	Credit: 1 Grades: 10-12 Weight: S Prerequisite: Theatre Arts I	Develop your interest in stagecraft and not performing. Learn how to design and construct scenes and props, hand and focus lights, and design sound.
Technical Theatre II #532621	Credit: 1 Grades: 11-12 Weight: S Prerequisite: Technical Theatre I	Continue your study of the "behind the scenes" of theatre production.
Advanced Acting & Play Production I: #533421	Credit: 1 Grades: 11-12 Weight: S Prerequisite: Theatre I, Theatre II, audition	Study method and natural acting through production of plays for the public. Learn specific, technical aspects for the theatre. Students will produce a portfolio of independent work.
Advanced Acting & Play Production II: #533422	Grades: 12 Weight: S Prerequisite: Theatre Arts II, audition	Continue skills developed in Acting and Play Production I in pursuit of a career in the entertainment business.
Advanced Acting & Play Production I Honors: #531752	Credit: 1 Grades: 12 Weight: H Prerequisite: Theatre I, II, audition	Study method and natural acting through production of plays for the public. Learn specific technical aspects for the theatre. Students will produce a portfolio of independent work.
Advanced Acting & Play Production II Honors: #531852	Credit: 1 Grades: 12 Weight: H Prerequisite: Theatre I, II, Advanced Acting I, audition	Continue studies of method and natural acting through production of plays for the public. Learn specific technical aspects for the theatre. Students will produce a portfolio of independent work.

ENGLISH

English I: #102123	Credit: 1 Grades: 9 Weight: S Prerequisite: None	Develop a foundation for literary analysis and future study of high school English. Develop understanding of literary concepts, elements, genres and terms as a foundation for further study of World, American and British literature. Develop applied communications skills such as the development of sentences, paragraph and short themes. Develop listening, speaking and reviewing skills.
English I Honors: #102152	Credit: 1 Grades: 9 Weight: H Prerequisite: AG English in Grade 8 recommended	Develop a foundation for literary analysis and critical reading skills. Study various literary genres and be involved in independent reading, research, and vocabulary building. Writing will stress all language skills, especially those relating to grammar, editing, and composition. Develop speaking, listening and reviewing skills.
English II: #102223	Credit: 1 Grades: 10 Weight: S Prerequisite: English I	Develop techniques of informational writing with emphasis placed on developing critical reading and writing skills, and vocabulary building through a study of various genres from World Literature. Develop speaking, listening, and reviewing skills.
English II Honors: #102252	Credit: 1 Grades: 10 Weight: H Prerequisite: English I Honors recommended	In this course designed for skilled writers and confident, effective readers, continue development of critical reading skills through a study of various genres from World Literature. Develop skills in writing, conduct library research, and write a formal research paper. Develop speaking, listening, and reviewing skills.
English III: #102323	Credit: 1 Grades: 11 Weight: S Prerequisite: English II	Study U.S. literature, including how it reflects our nation's culture and history. Study the connection of themes, ideas, and movements in U.S. literature across time. Read representative works from the colonial, romantic, realistic, modern and contemporary eras.
English III Honors: #102352	Credit: 1 Grades: 11 Weight: H Prerequisite: English II Honors recommended	Further development of critical skills in reading, writing, thinking, and viewing through the study of U.S. literature. Learn research and documentation techniques by completing a research paper.
English III Advanced Placement (Language & Composition) (Year): #102337APY (2 semesters McMichael only)	Credit: 0.5 per semester Grades: 11 Weight: AP Prerequisite: English II Honors recommended	Study a variety of texts and a variety of writing tasks with an emphasis on effective writing, critical reading, and, thinking through the study of U.S. literature.
English III Advanced Placement (Language and Composition): #10337AP	Credit: 1 Grades: 11 Weight: AP Prerequisite: English II H	Study a variety of texts and a variety of writing tasks with an emphasis on effective writing, critical reading, and thinking through the study of U.S. literature.
English IV: #102423	Credit: 1 Grades: 12 Weight: S Prerequisite: English III	Study British literature, including how the literature of Great Britain has influenced the literature of the U.S. Study the connections of themes, ideas and movements in British literature. Complete the Senior Project.
English IV Honors: #102452	Credit: 1 Grades: 12 Weight: H Prerequisite: English III honors recommended	Use critical and creative skills in composition and literature through the intense study of representative works from several genres and literary periods of British literature. Assume responsibility for your own learning, Participate in extensive independent reading, writing, and research. Complete the Senior Project.
English IV AP (Literature and Composition): #10347AP	Credit: 1 Grades: 12 Weight: AP Prerequisite: English III H or AP	Pursue college level studies while still in high school and receive Advanced Placement credit upon entering college. Write essays about selected works of literature in order to demonstrate the utilization of techniques in class discussion, Complete the Senior Project.
Occupational English I-IV: #921011, 921111, 921211, 921311	Credit: 1 per course Grades: 9-12 Weight: REM Prerequisite: Teacher recommendation	Occupational English I-IV is a series of classes, which are designed to develop essential reading and writing skills needed for independent living and successful employment. Reading focuses on decoding and comprehending information for successful community inclusion. Writing emphasizes comprehending and using written information to communicate effectively.
Creative Writing: #102523	Credit: 1 Grades: 10-12 Weight: S Prerequisite: None	Develop sensitivity and literary awareness through creative writing. Keep a daily journal and participate in group criticism, discussion, and revision. Participate in writing poetry, essays, and short stories and cooperate with advanced art students to publish a creative magazine.

Journalism: #103123	Credit: 1 Grades: 9-12 Weight: S Prerequisite: Application	Plan, design, and publish the school newspaper. Participate in solicitation of advertisements, interviewing, researching, writing, editing, word processing, art layout, photography, and distribution. The newspaper production features are studied and reinforced with on the job training. A student may take this course more than once.
Journalism Honors: #103153	Credit: 1 Grades: 11-12 Weight: H Prerequisite: Successful completion of two semesters of journalism, application	Students will participate in an integrated journalism program including preparation of a portfolio to demonstrate the range and depth of journalism experience. Students will employ current computer technology in all processes of print journalism preparation, including use of the Internet and telecommunications for research and collaboration.
Yearbook Production: #103122	Credit: 1 Grades: 10-12 Weight: S Prerequisite: Application	Plan and prepare the yearbook for publication. Become acquainted with some of the elements of yearbook journalism such as layout and design and learn individual responsibility and teamwork. The majority of students in this class will be seniors; however, it will include some sophomores and juniors who have a special interest in the yearbook or a special talent.
SAT Preparation: #951021	Credit: 1 Grades: 10-12 Weight: S Prerequisite: None	Prepare for the SAT. Receive help in all areas for college including resumes, application essays, recommendations, application forms, and financial aid procedures.
The Bible as Literature: #102727	Credit: 1 Grades: 9-12 Weight: S Prerequisite: None	Analyze the Bible as a work of literature by examining the various types of literature presented, including narrative, drama, poetry, prophecy, and history. Provide one's own textbook, preferably the King James Version of the Bible.
Communication Skills: #102522	Credit: 1 Grades: 9 Weight: S Prerequisite: Administrative placement	Study and practice fundamental communication skills, especially reading. Reinforce related areas specified in the NC Standard Course of Study for English I at the high school level. Students are placed in this course by administrative decision, based on recommendations from Guidance personnel. Should be taken prior to English I.

ENGLISH AS A SECOND LANGUAGE

English I as a Second Language: #103822	Credit: 1 Grades: 9 Weight: S Prerequisite: none	Designed for students for whom English is not their primary language. Students will focus on improving skills in English in the areas of reading, writing, and speaking.
English II as a Second Language: #103823	Credit: 1 Grades: 9-12 Weight: S Prerequisite: English I as a Second Language	Designed for students for whom English is not their primary language. Students will continue to focus on improving skills in English in the areas of reading, writing, and speaking.
English III as a Second Language: #103824	Credit: 1 Grades: 9-12 Weight: S Prerequisite: Eng. II as a Second Language	Designed for students for whom English is not their primary language. Students will continue to focus on improving skills in English in the areas of reading, writing, and speaking.
English IV as a Second Language: #103825	Credit: 1 Grades: 9-12 Weight: S Prerequisite: Eng. III as a Second Language	Designed for students for whom English is not their primary language. Students will focus on improving skills in English in the areas of reading, writing, and speaking.

FOREIGN LANGUAGE

French I: #104122	Credit: 1 Grades: 9-11 Weight: S Prerequisite: None	Acquire a basic knowledge of the French culture and its language. Develop and reinforce vocabulary, listening, understanding and speaking skills for everyday living.
French II: #104222	Credit: 1 Grades: 10-12 Weight: S Prerequisite: French I	Continue your study of listening and speaking skills with the addition of reading and writing of the language. Learn the practical use of French in everyday situations.
French II Honors: #104252	Credit: 1 Grades: 10-12 Weight: H Prerequisite: French I	Continue the study of listening and speaking skills with the addition of reading and writing of the language. Pursue the second level of study at an accelerated rate with more in-depth study.

French III: #104352	Credit: 1 Grades: 11-12 Weight: H Prerequisite: French II	Integrate French speaking, reading and writing skills. Study grammar patterns, French literature and history.
French IV: #104452	Credit: 1 Grades: 12 Weight: H Prerequisite: French III	Study the French language, culture, and literature, as well as prepare for college placement exams. Improve your French speaking and writing skills.
Japanese I: #106622	Credit: 1 Grades: 9- 12 Weight: S Prerequisite: None	Develop practical Japanese language skills while increasing your awareness of Japan and the Japanese culture. Develop conversational ability in the language through a variety of speaking and listening activities. Learn the Japanese writing system and begin to develop skill in reading and writing Japanese.
Japanese II: #106722	Credit: 1 Grades: 10-12 Weight: S Prerequisite: Japanese I	Increase your ability to read and write Japanese. Continue your study of Japanese vocabulary, idioms, grammar, and both Japanese and Chinese written characters. Study Japanese people and their culture.
Japanese III: #106852	Credit: 1 Grades: 9-11 Weight: H Prerequisite: Japanese II	Learn more complex grammar and written Japanese patterns.
Japanese IV: #106952	Credit: 1 Grades: 12 Weight: H Prerequisite: Japanese III	Study the Japanese language, culture, and literature. Improve your Japanese speaking and writing skills.
Latin I: #108022	Credit: 1 Grades: 9-11 Weight: S Prerequisite: None	Acquire a basic knowledge of Latin language with an emphasis on vocabulary, grammar, skills, and syntax. Study Roman culture, mythology, history, and the connection of English to Latin with derivatives form Latin words.
Latin II: #108122	Credit: 1 Grades: 10-12 Weight: S Prerequisite: Latin I	Continue to explore the language and customs of ancient Roman society. Learn the importance of the Latin language as a means of building a greater English vocabulary. Read and translate the works of Roman authors and poets.
Latin III: #108252	Credit: 1 Grades: 11-12 Weight: H Prerequisite: Latin II	Read Latin literature, Cicero and a wide range of other authors to acquire a proficiency in Latin as a language. Learn about the history, culture, and mythology of the Romans.
Latin IV: #108352	Credit: 1 Grades: 12 Weight: H Prerequisite: Latin III	Read Latin Literature, Virgil, Ovid, Catullus, and a range of other authors to acquire a proficiency in Latin as a language. Learn about Roman poetry, theater, history, culture, and mythology.
Latin: AP: #108372	Credit: 1 Grades: 11- 12 Weight: AP Prerequisite: Latin III or IV	Continue study of Latin and prepare for Advance Placement Exam on Vergil or Literature. Students will translate literary works with class discussions emphasizing their literary aspects as well as their political, social, and cultural backgrounds. Receive AP course weight by taking the AP exam or receive HN course weight by not taking the exam.
Spanish I: #105122	Credit: 1 Grades: 9-12 Weight: S Prerequisite: None	Acquire basic knowledge of the Spanish language through an emphasis on listening and speaking skills. Study vocabulary and acquire a basic understanding of parts of speech and sentence structure. Learn about the Hispanic culture.
Spanish II: #105222	Credit: 1 Grades: 10-12 Weight: S Prerequisite: Spanish I	Continue your emphasis on listening and speaking skills with the addition of reading and writing. Study grammatical structure and major verb tenses, along with essential sentence structure necessary to use Spanish in everyday life. Continue vocabulary building and Spanish cultural activities.
Spanish II Honors: #105252	Credit: 1 Grades: 10- 12 Weight: H Prerequisite: Spanish I	Study the language at an accelerated rate with more in-dept pursuit of topics such as grammar, sentence structure, and the use of Spanish in everyday life. An emphasis is placed on written expression.
Spanish III: #105352	Credit: 1 Grades: 11- 12 Weight: H Prerequisite: Spanish II	Study reading and writing skills and the development of oral proficiency. Learn more complex grammar patterns, as well as Spanish literature.
Spanish IV: #105452	Credit: 1 Grades: 12 Weight: H Prerequisite: Spanish III	Participate in an advance study of the Spanish language, culture, and literature, and prepare for college placement exams.

PHYSICAL EDUCATION

Health & PE: #901122	Credit: 1 Grades: 9-12 Weight: S Prerequisite: None	Learn health education as an integrated component of physical education. Examine and refine your skills in team and individual sports, fitness, and other sports activities.
Physical Development: #901522	Credit: 1 Grades: 10-12 Weight: S Prerequisite: Health & PE	Learn the fundamentals of weight training, conditioning, flexibility and agility. Recognize the benefits of a weight training program as it relates to athletics, fitness, and a healthy lifestyle.
Advanced Physical Development #901525	Credit: 1 Grades: 10-12 Weight: S Prerequisite: Health & PE	Learn the fundamentals of weight training, conditioning, flexibility and agility. Recognize the benefits of a weight training program as it relates to athletics, fitness, and a healthy lifestyle.
Team Sports: #901526	Credit: 1 Grades: 10-12 Weight: S Prerequisite: Health & PE	Develop skills, increase your knowledge of rules, strategies, and different techniques in a variety of team sports.
Recreational Sports: #90152A	Credit: 1 Grades: 10-12 Weight: S Prerequisite: Health & PE	Experience a wide variety of recreational and lifetime activities by learning skills, rules, and fitness benefits of individual games and sports.
Healthy Living: #901320	Credit: 1 Grades: 10-12 Weight: S Prerequisite: Health & PE	Develop and maintain a personal fitness plan and study issues related to nutrition and weight management. Learn weight control through proper nutrition, exercise, and self-motivation.
Physical Education Assistant: #998194	Credit: 0 Grades: 12 Weight: S Prerequisite: Health & PE and one or more elective PE courses.	Assist in leading PE classes by possessing a good knowledge of the rules for all physical education activities.

ROTC

JROTC I (Morehead): #950120	Credit: 1 Grade: 9-12 Weight: S Prerequisite: None	Develop leadership potential and the ability to be an effective team member. Learn how to avoid substance abuse, improve oral communication skills, and survey the importance of physical fitness. Learn management techniques. Understand the concepts of personal and social responsibility and their importance to good character and citizenship. Participate in service learning and develop the attributes of a good citizen.
JROTC II (Morehead): #950220	Credit: 1 Grade: 10-12 Weight: S Prerequisite: JROTC I and hold the rank of Private First Class (E3) or higher at the time of registration	Learn the ethical values and principles of good citizenship, refine leadership abilities and team skills, apply oral communication techniques in small group settings, and review the fundamentals of physical fitness. Survey the U.S. military history from 1945 to the present and its implications, and discuss modern technological advances (for example, lasers and robotics). Participate in service learning.
JROTC III (Morehead): #950320	Credit: 1 Grades: 10-12 Weight: S Prerequisite: JROTC II and hold the rank of Sergeant (E5) or higher at the time of registration	Command the Corps - applying leadership assessment principles and supervisory problem-solving techniques- and perfect oral communications abilities in group and counseling situations. Survey U.S. military history from the Civil War Through World War II. Review the missions and roles of the U.S. Armed Forces and examine the functions of the leader in various social and organizational settings. Discuss the applications of modern technology to life in the 21st century, and learn how to use Management-By-Objective tools (for example, flow charts and PERT diagrams) and apply them in managing the Cadet Corps. Participate in service learning.
JROTC IV (Morehead): #950420	Credit: 1 Grades: 11-12 Weight: S Prerequisite: JROTC III and must hold the rank of Staff Sergeant or higher at the time of registration	Practice decision-making and ethical reasoning; apply leadership and communication skills in assigned command or staff positions within the Cadet Corps. Serve as leader, role model, coach, and instructor. Demonstrate the importance of physical fitness in maintaining good health and appearance. Survey U.S. military history from the French and Indian War to the Civil War. Learn how to survive in the job market. Participate as a team leader in service learning.

JROTC V (Morehead): #950425	Credit: 1 Grades: 11-12 Weight: S Prerequisite: JROTC IV and hold the rank of Master Sergeant or higher at the time of registration	Advise cadet leaders, develop corps training plan for the following semester, provide consultation to the cadet staff, learn critical thinking skills, analyze personal and social responsibility, and lead a service learning placement or project. Honors section available.
JROTC VI (Morehead): #950426	Credit: 1 Grades: 12 Weight: S Prerequisite: JROTC V and hold the rank of 2nd Lieutenant or higher at time of registration	Plan Summer Leadership School, supervise cadet preparations for the summer camp and the formal inspection, write and conduct program for developing cadet commissioned and non-commissioned officers. Teach critical thinking skills, personal and social responsibility, and supervise the service learning program. Honors section available.
JROTC VII (Morehead): #950427	Credit: 1 Grade: 12 Weight: S Prerequisite: JROTC VI, instructor approval	Continue to develop skills learned in JROTC I-VI. Honors section available.
JROTC VIII (Morehead): #950428	Credit: 1 Grade: 12 Weight: S Prerequisite: JROTC VII, instructor approval	Continue to develop skills learned in JROTC I-VII. The course should be offered in schools with 90-minute periods, allowing students to remain in ROTC for the equivalent of 8 years. This allows cadets to assume the leadership and command functions of the program. Honors section available.
AFJROTC Aviation Science I (McMichael & RCHS): #950121	Credit: 1 Grades: 9-12 Weight: S Prerequisite: None	Study history of air power, including units on the heritage of flight, development of air power, principles of aircraft flight, propulsion systems, and the body's reactions to high speed/altitude flight and space travel. Study leadership as it relates to Air Force customs and courtesies, including U.S. flag etiquette, the hand salute, respect for authority, and allegiance to our country. Develop appreciation of the need for discipline in military activities and receive instruction on proper wear and care of the uniform. Receive 1 unit of physical science credit.
AFJROTC Aerospace Science II (McMichael & RCHS): #950221	Credit: 1 Grades: 10-12 Weight: S Prerequisite: AFROTC I	Study the historical development of flight and the role of the military in history. Review the development of flight from ancient legends through the Persian Gulf War and beyond. Learn the role of the military throughout U.S. history. Study the organization, mission, and operations of the Air Force. Cadet Corps activities include holding positions of greater responsibility in the planning and execution of corps projects.
AFJROTC Aerospace Science III (McMichael & RCHS): #950321	Credit: 1 Grades: 11-12 Weight: S Prerequisite: A.S. I or instructor approval	Study air navigation, aviation weather, fundamentals of rocketry, and its application to spacecraft and travel. Study management, leadership concepts and ethics.
AFJROTC Aerospace Science IV (McMichael & RCHS): #950421	Credit: 1 Grades: 12 Weight: S Prerequisite: AFJROTC I and II	Participate in actual applied leadership roles and leadership training. Cadets will be the backbone of the students' leaders corps and in command of most cadet activities.
AFJROTC Aerospace Science IV Honors (McMichael & RCHS): #950451	Credit: 1 Grades: 12 Weight: H Prerequisite: A.S. I and III, instructor approval	Participate in an in-depth study of flight environment, propulsion systems, navigation, weather, flight planning and aircraft systems. Ground school cadets will be afforded the opportunity to fly a small airplane with an instructor. Upon completion of the course, students should be prepared to take the Federal Aviation Administration (FAA) written examination.
AFJROTC Leadership Labs I, II, III (RCHS and DMHS) Lab I: #950122 Lab II: #950222 Lab III: #950322	Credit: 1 Grades: 10-12 Weight: S Prerequisite: AFJROTC I	Leadership lab cadets are selected by the instructors based on performance in basic Air Force JROTC classes. Cadets assist in managing the cadet corps, training Air Force JROTC I and II cadets, and completing special projects.
AFJROTC Leadership Labs IV: (RCHS and DMHS) #950422	Credit: 1 Grades: 12 (unless approved by SASI) Weight: S Prerequisite: AFJROTC I and either AFJROTC I or AFJROTC III	Prepares seniors for life after high school to include preparing for and selecting an occupation, planning for education after high school, maximizing self-development, developing advanced leadership skills, and managing major corps projects.
Leadership Education I (Marine Corps JROTC, RCHS): #950123	Credit: 1 Grades: 9-12 Weight: S Prerequisite: None	Experience the 5 major subjects of the Marine Corps JROTC program: Leadership, physical fitness and health, drill and ceremonies, marksmanship, and military organization. In this entry-level course, specific topics of study include effective study techniques, leadership fundamentals, ethical standards, goal setting, and discipline/self discipline.

Leadership Education II (Marine Corps JROTC, RHS): #950223	Credit: 1 Grades: 10-12 Weight: S Prerequisite: Pass LE I with a minimum grade of 80.	Explore the five major areas of Marine Corps JROTC in depth. Participate in study of leadership principles, traits, styles, and motivation. Participate in detailed classes associated with problem solving, authority and responsibility, human behavior, public speaking, physical fitness, competitive drill and competitive marksmanship.
Leadership Education III (Marine Corps JROTC, RHS): #950323	Credit: 1 Grades: 11-12 Weight: S Prerequisite: Pass LE II with a minimum grade of 80. Must have SMI/MI approval	Apply leadership principles in the Marine Corps JROTC. The five major subjects are opened up to practical application in cadet leadership. Most cadet officers, drill team, rifle team and color guard cadets are LE III cadets.
Leadership Education IV (Marine Corps JROTC, RHS): #950423	Credit: 1 Grades: 11-12 Weight: S Prerequisite: Pass LE III with a minimum of 85, SMI/MI Permission	Participate in actual applied leadership roles and leadership training. Cadets will be the backbone of the students' leaders corps and in command of most MC-JROTC activities. Proficiency in each of the five major subjects is expected of each LE IV cadet.

SCIENCE		
Physical Science: #301020	Credit: 1 Grade: 10-12 Weight: S Prerequisite: Biology	Learn practical application of chemistry and physics concepts by studying structure and organization of matter, energy, forces, and other practical applications of science to everyday living.
Physical Science Honors: #301052	Credit: 1 Grade: 10-12 Weight: H Prerequisite: Now taking Algebra I	Learn the practical application of chemistry and physics concepts by studying structure and organization of matter, energy, forces, and other practical applications of science to everyday living. Participate in independent study and projects.
Biology: #302020	Credit: 1 Grade: 9-10 Weight: S Prerequisite: English I	Learn the principles of life, cellular functions, interrelationships in plant and animal kingdoms, body processes, and ecology. Participate in lab activities.
Biology Honors: #302052	Credit: 1 Grade: 9-10 Weight: H Prerequisite: English I & Teacher recommendation	Learn the principles of life, cellular functions, interrelationships in plant and animal kingdoms, body processes, and ecology. Exhibit the highest work standards possible, including extensive independent study and personal motivation.
Advanced Placement Biology: #302171	Credit: 1 Grade: 11-12 Weight: AP Prerequisite: Recommended for students with a "B" or better average in Biology and Chemistry	Study three main areas: a) molecules and cells (25 percent); b) genetics and evolution (25 percent); and c) organisms and populations (50 percent). Participate in laboratory experiences that will constitute about one-fourth to one-third of the course content. Earn college credit by successfully completing all prescribed work and by earning a high score on the AP exam.
Human Biology (Anatomy): #302222	Credit: 1 Grade: 11-12 Weight: S Prerequisite: Biology, Chemistry recommended	Study the structure and function of the human from the molecular level to the level of the whole organism. Participate in lab that includes work with the microscope and fetal pig dissection.
Human Biology Honors: #302252	Credit: 1 Grade: 11-12 Weight: H Prerequisite: Biology, Chemistry recommended	Study the structure and function of the human body from the molecular level to the level of the whole organism. Participate in laboratories, conduct independent research, and complete an outside science project.
Biology II: #302150	Credit: 1 Grade: 11-12 Weight: H Prerequisite: Biology and Chemistry	Study hypotheses formation, experimentation, collection and analysis of data, and the literature of biology. Apply skills learned to experiments in microbiology, animal behavior, plant and animal physiology participate in laboratory work and make use of technology in scientific research. Participate in an in-depth study of the scientific method and its relation to the science of biology.
Chemistry: #305020	Credit: 1 Grade: 11-12 Weight: S Prerequisite: Biology, Algebra I, & Algebra II (or concurrently enrolled)	Study the classification and changes in matter, descriptive chemistry, periodic properties of elements, stoichiometry kinetic molecular theory, chemical reactions, thermodynamics, acids, bases, and salts. Participate in laboratory experiments and problem solving.

Chemistry Honors: #305051	Credit: 1 Grade: 11-12 Weight: H Prerequisite: Biology, Algebra I, & Algebra II (or concurrently enrolled)	Study classification and changes in matter, descriptive chemistry, periodic properties of elements, stoichiometry kinetic molecular theory, chemical reactions, thermodynamics, acids, bases, and salts. Complete a major project, cover special topics, and proceed at an advanced pace and more depth.
Chemistry II: #305121	Credit: 1 Grade: 11-12 Weight: S Prerequisite: Chemistry, Algebra II	Study principles of chemistry beyond those covered in Chemistry I. Learn solutions, electrolytes, organic acid base chemistry, chemical kinetics, and nuclear chemistry. Participate in lab work.
Chemistry II Honors: #305151	Credit: 1 Grade: 11-12 Weight: H Prerequisite: C or better in Chemistry I, Algebra II	Study the principles of chemistry beyond those covered in Chemistry I. Learn solutions, electrolytes, organic, acid-based chemistry, chemical kinetics, and nuclear chemistry. Participate in lab work and an independent project using the Internet.
Advanced Placement Chemistry: #305171	Credit: 1 Grade: 11-12 Weight: AP Prerequisite: Chemistry Honors and Algebra II recommended	Study the atomic structure, atomic theory, chemical bonding, nuclear chemistry, gases, liquids, solids, solutions, chemical reactions, and descriptive chemistry. Participate in lengthy laboratory experiments and maintain a lab notebook. Experiments are usually 2 to 3 hours in length.
Earth Science: #304020	Credit: 1 Grade: 9-12 Weight: S Prerequisite: None	Learn the function of the earth's system with emphasis placed on matter, energy, crustal dynamics, environmental awareness, materials and the cycles that circulate energy and material through the earth system.
Earth Science Honors: #304051	Credit: 1 Grade: 9 Weight: H Prerequisite: None	Investigate all areas of earth science, including plate tectonics, and the lithosphere. Conduct investigations to better understand how the earth relates to the solar system and the rest of the universe. Conduct outside investigations and complete outside readings.
Occupational Science I, II: #92311, 923211	Credit: 1 per course Grade: 9-12 Weight: R Prerequisite: Teacher recommendation	Occupational Science I, II are a series of courses that focus on science and health related issues. Occupational Science I will explore personal health and well being, learn safety and first aid procedures, and study topics of illnesses, substance abuse and nutrition. Occupational Science II will focus on family life topics that include changes with puberty, relationships and family planning.
Environmental Science: #304221	Credit: 1 Grade: 11-12 Weight: S Prerequisite: Biology	Study pollution, North Carolina ecology, endangered species, ecosystems, energy cycles, natural resources, conservation, and field energy.
Environmental Science Honors: #304251	Credit: 1 Grade: 11-12 Weight: H Prerequisite: Biology	Study pollution, North Carolina ecology, endangered species, ecosystems, energy cycles, natural resources, conservation, and field ecology. Students will be expected to conduct computer research of issues and to complete classroom projects.
Advanced Placement Environmental Science: #304271	Credit: 1 Grade: 11-12 Weight: AP Prerequisite: Biology, Chemistry, completed or enrolled in Algebra II	Study scientific analysis, interdependence of Earth's systems, human population dynamics, renewable and nonrenewable resources, environmental quality, global changes and their consequences, environment and society, and choices for the future. Participate in laboratory experiences that constitute one fourth to one-third of the course. Earn college credit by successfully completing all prescribed work and by earning a score of 3 or higher on the AP exam.
Physics: #306020	Credit: 1 Grade: 11-12 Weight: S Prerequisite: Algebra II	Study the physical relationships of matter and energy. Topics include mechanics, kinetic theory and properties of matter, thermodynamics, wave mechanics, electricity and magnetism. Practice problem solving in this course.
Advanced Placement Physics: #306071	Credit: 1 Grade: 11-12 Weight: AP Prerequisite: Algebra II Honors	Study the topics determined by the Advanced Placement Physics syllabus including Newtonian mechanics, heat, kinetic theory, thermodynamics, electricity, magnetism, waves, optics, quantum physics, nuclear physics, and special relativity.
Physics Honors: #306051	Credit: 1 Grade: 12 Weight: H Prerequisite: Algebra II	Study the physical relationships of matter and energy. Topics include mechanics, kinetic theory and properties of matter, thermodynamics, wave mechanics, electricity, and magnetism. Practice problem solving in this course. Complete a major project.
Integrated Science Topics: #308025	Credit: 1 Grade: 10-12 Weight: S Prerequisite: None	Explore from the point of view of the consumer practical topics that have relevance and immediacy to the student. Students will use topics from Chemistry, Biology, Physics, and Earth Science that impact them as consumers and citizens. Hands-on activities will be stressed with evaluation based on portfolio showing the entire range of work produced by the student. The portfolio will include reports, student designed experiments with data tables and summaries, lab reports, and test papers.

Astronomy: #307020	Credit: 1 Grade: 10-12 Weight: S Prerequisite: Algebra II	Investigate the processes used to form models to explain the cosmos. Students will conduct investigations, observe the heavens, and practice mathematical computations. Study how stars evolved and how their evolution affects the interstellar medium. Complete and outside science project for the science fair.
Astronomy Honors: #307050	Credit: 1 Grade: 10-12 Weight: H Prerequisite: Algebra II and instructor approval	Investigate the processes used to form models to explain the cosmos at the Honors level. Students will conduct investigations, observe the heavens, and practice mathematical computations. Study how stars evolved and how their evolution affects the interstellar medium. Complete an outside science project for the science fair.

SOCIAL STUDIES		
Civics and Economics: #405221	Credit: 1 Grades: 10 Weight: S Prerequisite: World History	As informed decision-makers, students will apply acquired knowledge to real-life experiences. When studying the legal and political systems, students will become aware of their rights and responsibilities and put this information into practice.
Civics and Economics Honors: #405251	Credit: 1 Grades: 10 Weight: H Prerequisite: World History	As informed decision-makers, students will apply acquired knowledge to real-life experiences. When studying the legal and political systems, students will become aware of their rights and responsibilities and put this information into practice. The economic, legal, and political systems will be expanded on through selected readings, projects, and written research essays.
World Geography: #403120	Credit: 1 Grades: 9-12 Weight: S Prerequisite: None	Study areas of the world, placing a special emphasis on location, physical and cultural characteristics, human environment interactions, movements, and regions.
World Geography Honors: #403151	Credit: 1 Grades: 9-12 Weight: H Prerequisite: None	Study areas of the world with emphasis on location, physical and cultural characteristics, human environment interactions, movements, and regions. More in-depth study and projects expected at Honors level.
U.S. History: #402120	Credit: 1 Grade: 11 Weight: S Prerequisite: Civics & Economics	Learn important historic events from the institution of the emerging republic to the present. Examine events to show how they have shaped America's relations with the rest of the world, and how they have shaped America's democracy, culture, and economic system.
U.S. History Honors: #402151	Credit: 1 Grade: 11 Weight: H Prerequisite: Civics & Economics	Study the important historic events from the institution of the emerging republic to the present. Participate in extensive reading and special projects. Learn critical thinking skills, analysis of primary documents, and written research essays.
Advanced Placement U.S. History: #402171	Credit: 1 Grade: 11 Weight: AP Prerequisite: Recommended B+ average on all English and Social Studies courses, and Civics & Economics	Study American History from Age of Exploration to present day. This course will deal with the who, what, when, where, and how questions of American History. Develop and/ or improve skills related to free response essays and document-based essays. Participate in a variety of outside readings. Earn college credit by scoring high on the AP Exam and receive AP weight for the course.
Advanced Placement U.S. History (2 semesters—McMichael only): #402172 (0.5 cred/sem)	Credit: 1 Grade: 11 Weight: AP Prerequisite: Recommended B+ average on all English and Social Studies courses. Same description as one semester AP course (see above)	Study American History from Age of Exploration to present day. This course will deal with the who, what, when, where, and how questions of American History. Develop and/ or improve skills related to free response essays and document-based essays. Participate in a variety of outside readings. Earn college credit by scoring high on the AP Exam and receive AP weight for the course.
Local History: #402020	Grades: 11-12 Weight: S Prerequisite: U.S. History or AP U.S. History	Examine history of local community in the context of state and national events with an emphasis placed on critical analysis of primary and secondary sources, including oral histories. Participate in Paideia and student led seminars and develops critical analysis skills.
World History: #402420	Credit: 1 Grades: 9 Weight: S Prerequisite: None	Study Western and non-Western history from prehistoric times to the present with attention given to political, cultural, economic, and geographic areas for each country or historical period studied. Correlate current events with the study of various countries.
World History Honors: #402451	Credit: 1 Grades: 9 Weight: H Prerequisite: None	Students will study the economic, political, and cultural development of man from the time of recorded history to the present time. Participate in critical thinking, analysis of primary documents, and written research essays.

Advanced Placement World History: #402471	Credit: 1 Grade: 9-10 Weight: AP Prerequisite: Recommended B+ average on all English and Social Studies courses.	Students will study the economic, political, and cultural development of man from the time of recorded history to the present time. Participate in critical thinking, analysis of primary documents, and written research essays. Earn college credit by scoring high on the AP Exam.
Advanced Placement European History: #402370	Credit: 1 Grade: 12 Weight: AP Prerequisite: Recommended B+ average on all English and Social Studies courses, US History or AP US History	Learn the major events in European History from 1400 to the 1970's and develop an understanding of some of the principle themes in European history. Students will develop an awareness of the consequences of European contacts with the rest of the world, and develop an ability to analyze historical evidence by working with primary documentary sources from the past. Themes followed in the course will be political, social, intellectual, economic, and intercultural responses. Earn college credit by scoring high on the AP Exam.
African-American History: #401120	Credit: 1 Grades: 9-12 Weight: S Prerequisite: None	Survey African-American history from pre-slavery times in Africa to the present in the United States. Examine the important themes in cultural, social, economic, and political history.
American Cultural Studies: #400720	Credit: 1 Grades: 10-12 Weight: S Prerequisite: None	Study the history, contributions, and achievements of different ethnic groups in American society with a special emphasis placed on the cultures of Native Americans, Hispanics, and African-Americans.
Occupational Social Studies I: US History & Government: #924511	Credit: 1 Grades: 10-12 Weight: S Prerequisite: None	This course is designed to provide the student with basic economic, government, and political knowledge they need to become responsible citizens and consumers. It covers the historical background of the development of the United States, including the Constitution and amendments, and the three branches of government, and major laws that effect citizens. The course also covers state and local government roles and jurisdictions, and issues of personal citizenship.
Occupational Social Studies II: Problem Solving and Self-Advocacy Skills: #924611	Credit: 1 Grades: 10-12 Weight: S Prerequisite: OCS Social Studies I	This course is designed to teach students concepts and skills related to self-advocacy and self-determination, which are essential for achieving independence and successful adult outcomes. The course strands include: Self-Concept, Communication and Assertiveness, Problem Solving, and Self-Advocacy.
Humanities Honors #409051	Credit: 1 Grades: 10-12 Weight: H Prerequisite: None	Study the great works of literature, philosophy, music, drama, film, and visual art from the ancient period to the modern world. Write papers about these works and learn research skills. Discover how these works develop and change throughout history, and, in turn, how history is changed by them.

MATHEMATICS		
Introductory Mathematics: #202022	Credit: 1 Grade: 9-10 Weight: S Prerequisite: None	Study topics included in the first half of Algebra I with an emphasis on the coordinate plane, linear equations, direct variation, data analysis, matrices, systems of equations, and polynomials.
Occupational Math I, II and III: #922011, 922111, 922211	Credit: 1 per course Grade: 9-12 Weight: Remedial Prerequisite: Teacher recommendation	Occupational Math I, II, and III are a series of courses designed to equip students with the math competencies needed for independent living and successful employment. Content standards include math skills such as numerical operations, decimals and fractions, basic geometric concepts, and basic calculator skills. Essential workplace competencies and applications are emphasized as well as independent living needs such as budgeting, personal finance, and banking skills.
Algebra I: #202322	Credit: 1 Grade: 9-12 Weight: S Prerequisite: None	Study algebraic concepts that include operations with real numbers and polynomials, relations and functions, creation and application of linear functions and relations, and an introduction to nonlinear functions.
Technical Math I: #201522	Credit: 1 Grade: 10-12 Weight: S Prerequisite: Algebra I	Continue your study of advanced algebraic concepts that include linear, quadratic, and exponential functions and matrices. Students will move from an inductive approach to deductive methods of proof in the study of geometric figures. Two and three-dimensional reasoning skills will be emphasized and students will broaden their use of the coordinate plane to include transformation of geometric figures. Emphasis will be placed on practical applications, "hands-on," and modeling.

Technical Math II: #201722	Credit: 1 Grade: 10-12 Weight: S Prerequisite: Technical Math I	Continue your study of advanced algebraic concepts that include linear, quadratic, and exponential functions and matrices. Students will move from an inductive approach to deductive methods of proof in the study of geometric figures. Two and three-dimensional reasoning skills will be emphasized and students will broaden their use of the coordinate plane to include transformation of geometric figures. Emphasis will be placed on practical applications, "hands-on," and modeling.
Foundations of Geometry: #202922	Credit: 1 Grade: 10-12 Weight: S Prerequisite: Algebra I	Study topics included in the first half of Geometry with an emphasis on geometric figures, conditional statements, parallel and perpendicular lines, congruent triangles, relationships within triangles, quadrilaterals, and area.
Geometry: #203022	Credit: 1 Grade: 9-12 Weight: S Prerequisite: Algebra I	Study geometric concepts building upon middle school topics. Students will move from an inductive approach to deductive methods of proof in studying geometric figures. Two- and three-dimensional reasoning skills will be emphasized and students will broaden their use of the coordinate plane to include transformations of geometric figures.
Geometry Honors: #203052	Credit: 1 Grade: 9-11 Weight: H Prerequisite: 8 th grade Algebra I or Level 4 score on the Algebra I EOC Test with teacher recommendation	Cover the Geometry curriculum and extend concepts to include higher levels of critical thinking, problem analysis, and enrichment activities.
Foundations of Algebra: #201822	Credit: 1 Grade: 10-12 Weight: S Prerequisite: Geometry	Study topics included in the first half of Algebra II with an emphasis on equations and inequalities, linear relations and functions, data analysis, systems of equations and inequalities, matrices, polynomials, radical equations and functions, complex numbers, quadratic equations and functions, and polynomial equations and functions.
Algebra II: #202422	Credit: 1 Grade: 10-12 Weight: S Prerequisite: Geometry	Study advanced algebraic concepts including functions, polynomials, rational expressions, complex numbers, systems of equations, inequalities and matrices. Emphasis will be placed on practical applications and modeling.
Algebra II Honors: #202452	Credit: 1 Grade: 10-12 Weight: H Prerequisite: Geometry Honors or Level 4 score on the Geometry EOC Test with teacher recommendation	Cover the Algebra II curriculum and extend the concepts to include higher levels of critical thinking, problem analysis, and enrichment activities.
Discrete Math Honors: #205052	Credit: 1 Grade: 11-12 Weight: H Prerequisite: Algebra II	Study the mathematics of networks, social choice, and decision-making. Also, study the application of matrix arithmetic and probability. Applications and modeling will be central to this course.
Advanced Functions & Modeling: #202520	Credit: 1 Grade: 11-12 Weight: S Prerequisite: Algebra II	Make your fourth year of mathematics a study of the concepts of statistics and functions. This will fulfill the course requirement necessary for admission to a UNC school while enabling you to broaden your knowledge of mathematics to include applied statistics and functions. This course should not replace Pre-Calculus Honors.
Pre-Calculus Honors: #207051	Credit: 1 Grade: 11-12 Weight: H Prerequisite: Algebra II Honors or Level 4 score on the Algebra II EOC Test with teacher recommendation	Study trigonometry, as well as advanced algebra topics, analytic geometry, sequences and series, and data analysis. Included also is an introduction to limits and elementary derivatives.
Calculus I: #207354	Credit: 1 Grade: 11-12 Weight: H Prerequisite: Pre-Calculus Honors	Begin with a study of the concepts of calculus, including functions, limits, and derivatives. Strengthen skills and concepts from Pre-Calculus Honors with an emphasis on geometric, numerical, and analytical approaches.
Advanced Placement Calculus: #207672	Credit: 1 Grade: 12 Weight: AP Prerequisite: Pre-Calculus Honors	Develop an understanding of the concepts of calculus to include functions, graphs, limits, derivatives, and integrals. The course emphasizes the geometric, numerical, analytical, and verbal expression of concepts, results, and problems.
Advanced Placement Statistics: #206572	Credit: 1 Grade: 12 Weight: AP Prerequisite: Pre-Calculus Honors	Study the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will observe patterns and departures from patterns, decide what and how to measure, produce models using probability and simulation, and confirm models.

CAREER & TECHNICAL EDUCATION

CAREER DEVELOPMENT EDUCATION

Career Management and Workplace Readiness: #614522 DMHS, RHS	Credit: 1 Grade: 9-12 Weight: S Prerequisite: None	Develop the fundamental attitudes and behaviors needed to secure employment and advance in a career. Study skills generic to all occupations and the workplace; develop proficiency in problem solving, teamwork, and self-management. In addition, students also develop necessary workplace skills that are specific to investigating, securing, and maintaining appropriate employment.
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BUSINESS AND INFORMATION TECHNOLOGY EDUCATION

Principles of Business and Finance/BE: #620022 ALL SCHOOLS	Credit: 1 Grades: 9-12 Weight: S Prerequisite: None	This course introduces the major principles and concepts that are the foundation for future study of business and management. Topics of study include basic business principles, personal finance concepts, management concepts, systems thinking, quality management, and the current environment for business in a multinational marketplace. Communication skills and basic mathematical concepts are reinforced in this course.
Business Law: #621522 DMHS	Credit: 1 Grades: 11-12 Weight: S Prerequisite: Keyboarding skill	Learn basic legal principles common to business, including origin and development of law, business relationships, business organizations, and contracts. Study how law affects minors and adults, government protection and regulation, crimes and torts, courts, contracts, bailments, wills, deeds, insurance, relationship of landlord and tenant and employer/employee relations.
Small Business Entrepreneurship/BE: #623521 DMHS, RCHS	Credits: 1 Grades: 10-12 Weight: S Prerequisite: Successful completion of 2 credits in the same program area	This course introduces students to the rewards and risks of owning or operating a business enterprise. Emphasis is placed on the mastery of skills needed to plan, organize, manage, and finance a small business. Skills in communication, technical writing, mathematics, research, and problem solving are reinforced as each student prepares his/her own business plan. Work-based learning strategies appropriate for this course include cooperative education and paid/ unpaid internships. Simulations, projects, teamwork, and FBLA leadership activities, meetings, conferences, and competitions provide opportunities for application of instructional competencies.
Computerized Accounting I: #631122 DMHS	Credit: 1 Grades: 10-11 Weight: S Prerequisite: Keyboarding skill	Develop an understanding of the basic principles of the accounting cycle. Study analyzing and recording business transactions, the preparation and interpretation of financial statements, accounting systems, taxes, basic types of business ownership, and accounting/ data processing careers. Utilize the computer as it applies to accounting principles and applications.
Computerized Accounting II: #631222 DMHS	Credit: 1 Grades: 11-12 Weight: S Prerequisite: Computerized Accounting I	Develop in-depth knowledge of accounting procedures and techniques utilized in solving business problems and making financial decisions. Study basic accounting procedures; partnership accounting; budgetary control systems; accounting for taxes, notes, and drafts; corporation accounting; cost accounting.
Computer Applications I: #641122 ALL SCHOOLS	Credit: 1 Grades: 9-12 Weight: S Prerequisite: Digital Communications recommended	Master advanced skills in the areas of word processing, database management, spreadsheet, telecommunications, desktop publishing and presentation applications. Study and use data communications, Internet and e-mail, as well as skill development in the integration of software application, ethical issues pertaining to information systems and information technologies careers. Work-based learning strategies appropriate for this course are service learning, field trips, and job shadowing. Simulations and projects.
Computer Applications II: #641222 ALL SCHOOLS	Credit: 1 Grades: 10-12 Weight: S Prerequisite: Computer Applications I	Master advanced skills in the areas of integrating technology devices, Internet research strategies and uses, complex desktop publishing, multimedia production and basic web page design. Learn the economic, ethical and social issues in the information technologies area. Work-based learning strategies appropriate for this course are school-based enterprises, internships, cooperative education, and apprenticeship.
e-Commerce I: #641521	Credit: 1 Grades: 11-12 Weight: S Prerequisite: Computer Applications II	Master skills in the design and construction of complex Web sites for conducting business electronically. Emphasis will be on skill development in advanced Web page construction and entrepreneurial applications of conducting business electronically as well as economic, social, legal and ethical issues related to electronic business. Students will plan, design, create, publish, maintain and promote an electronic business Web site. Work-based learning strategies appropriate for this course are school-based enterprises, internships, cooperative education, and apprenticeship.

e-Commerce II: #641621	Credits: 1 Grades: 11-12 Weight: S Prerequisite: e-Commerce I	This course is designed to help students master advanced skills in electronic commerce security: payment infrastructure: secure electronic commerce transactions: and electronic commerce order entry, tracking and fulfillment. Emphasis is placed on marketing techniques for electronic commerce websites, tracking and using customer and sales data, and other uses of databases in electronic commerce sites. Communications skills, problem solving, research, and critical thinking skills are reinforced as students develop and enhance capstone projects. Work-based learning strategies appropriate to this course are internships, cooperative education, and apprenticeship.
e-Commerce I Honors: #641551 DMHS, MHS, RCHS	Credit: 1 Grades: 10-12 Weight: H Prerequisite: Computer Applications II	The course is designed to help students develop more in-depth knowledge and advanced skills in the design and construction of complex Web sites for conducting business electronically. Emphasis will be on skill development in advanced Web page construction, entrepreneurial applications of conducting business electronically, and economic, social, legal and ethical issues related to electronic business. Students will plan, design, create, publish, maintain and promote an electronic business Web site. Work-based learning strategies appropriate to this course are internships, cooperative education, and apprenticeship.
e-Commerce II Honors: #641651 MHS	Credit: 1 Grades: 10-12 Weight: H Prerequisite: E-Commerce Honors I	The course is designed to help students develop more in-depth knowledge and advanced skills in electronic commerce security: payment infrastructure: secure electronic commerce transactions: and electronic order entry, tracking and fulfillment. Emphasis is placed on marketing techniques for electronic commerce websites, tracking and using customer and sales data, and other uses of data bases in electronic commerce sites. Communications skills, problem solving, research, and critical thinking skills are reinforced as students develop and enhance capstone projects. Work-based learning strategies appropriate to this course are internships, cooperative education and apprenticeship.
Digital Communication Systems: #651420 ALL SCHOOLS	Credit: 1 Grades: 9-12 Weight: S Prerequisite: None	This course is designed to teach basic digital input skills including keying using the touch method, speech recognition, and use of hand-held devices. Emphasis is on the daily use and operation of commonly used digital communication devices to develop skill with concentrated application of those skills in the production of business communication and correspondence.
Business Advanced Studies: #659922 DMHS, MHS	Credit: 1 Grades: 12 Weight: S Prerequisite: Successful completion of 3 courses in the Business/ Marketing program with teacher approval	Utilize and apply knowledge and skills from previous Business/ Marketing courses to complete the three components of this course: a research paper, a product and presentation. Students will select an area of interest to complete the course requirements and will work under the guidance of a teacher in collaboration with community members, business representatives and other school-based personnel.
MARKETING EDUCATION		
Principles of Business/Marketing/ME: #660021	Credit: 1 Grades: 11-12 Weight: S Prerequisite: Keyboarding skill	This course is an introductory course covering principles and concepts that will be the foundation for future study of business and management of work projects. Topics of study include basic business principles, management concepts, systems thinking and total quality, and the current environment for business in an international marketplace. Communications skills and basic mathematic concepts are reinforced in this course.
Small Business Entrepreneurship/ME: #661522 DMHS, RCHS	Credit: 1 Grades: 11-12 Weight: S Prerequisite: Successful completion of 2 credits in the same program area	Learn about owning and operating your own business. Study business ownership, managing, marketing, financing, and developing an actual business plan for a business. Emphasis is placed on skills needed to plan, organize, manage, and finance a small business. Skills in communication, technical writing, mathematics, research and problem solving are reinforced as each student prepares his/her business plan. Work-based learning strategies appropriate for this course include cooperative education.
Marketing: #662122 MHS, RHS	Credit: 1 Grades: 11 Weight: S Prerequisite: None	Prepare for a career or further education in Marketing by studying job seeking skills, wholesaling, retailing, salesmanship, human relations, display, advertising, consumer economics, and leadership. Earn one additional credit by participating in on-the-job training.
Marketing Management: #662222 RHS	Credit: 1 Grades: 12 Weight: S Prerequisite: Marketing or Fashion Merchandising	Study hiring, training, and evaluation of employees, management, information systems management, purchasing, pricing, and sales management. Develop supervisory-management skills and participate in optional on-the-job training and early release. Work-based learning strategies appropriate for this course include cooperative education, paid/unpaid internships.

Strategic Marketing Honors: #662650 MHS	Credit: 1 Grades: 9-12 Weight: H Prerequisite: None	This fast paced honors level course challenges students by combining into one course the content taught in the Marketing and Marketing Management courses. The curriculum, activities, and resources utilized in this course are written at the freshman college level. Topics include economics, marketing research and decision making, domestic and international market influences, human resource development, ethics, management, and financial analysis. Work-based learning strategies appropriate for this course include cooperative education, paid/unpaid internships.
Fashion Merchandising: #663122 RHS	Credit: 1 Grades: 11-12 Weight: S Prerequisite: None	Study careers in fashion design, fashion merchandising, and/or modeling. Study fashion history, fashion and visual merchandising, selling, and sales promotion. Work on group and individual projects, participate in field trips, and produce a fashion show.
Travel, Tourism and Recreation Marketing: #664522 MHS	Credit: 1 Grades: 12 Co-op I Weight: S Prerequisite: Marketing	Learn about careers in field of tourism, hotel-motel management, or fields related to the hospitality and tourism industry. Study customer relations, tourism promotion, travel destinations, the economics of tourism, and career opportunities in the tourism field. Work-based learning strategies appropriate for this course include cooperative education, paid/unpaid internships.
Sports and Entertainment Marketing I: #667021 DMHS, MHS, RCHS	Credit: 1 Grades: 9-12 Weight: S Prerequisite: None	The course is designed for students interested in sports, entertainment, and event marketing. Emphasis is placed on the following industry principles: branding, licensing, and naming rights; business foundations; promotion; safety and security; and human relations. Work-based learning strategies appropriate for this course include cooperative education, and paid/unpaid internships.
Sports and Entertainment Marketing II: #667121 RCHS	Credit: 1 Grades: 10-12 Weight: S Prerequisite: Sports and Entertainment Marketing I	This course is designed for students interested in an advanced study of sports, entertainment, and event marketing. Emphasis is placed on the following principles: business management, career development options, client relations, ethics, events management, facilities management, legal issues and contracts, promotion, and sponsorship. Work-based learning strategies appropriate for this course include cooperative education, paid/unpaid internships.
Marketing Advanced Studies: #669922	Credit: 1 Grades: 12 Weight: S Prerequisite: Successful completion of 3 Courses in Business/Marketing with teacher approval	Demonstrate your ability to use content from previous Business/Marketing courses and apply knowledge to real world situations. Complete the course's three components: a research paper, a product and a presentation. Work under the guidance of a teacher in collaboration with the community, business representatives and school-based personnel.
AGRICULTURAL EDUCATION		
Agricultural Applications: #681022 RCHS, DMHS	Credit: 1 Grades: 9-10 Weight: S Prerequisite: None	Learn basic biological, physical sciences, and technological concepts within an environment. Focus on environmental and engineering technology, plant, animal and food sciences, and agribusiness. Participate in an overview of agriculture, agriscience concepts, and career guidance. Participate in FFA activities.
Animal Science I: #682121 RCHS	Credit: 1 Grades: 10-11 Weight: S Prerequisite: None	This course provides instruction focused on the basic scientific principles and processes that are involved in animal physiology, breeding, nutrition, and care in preparation for an animal science career major. Topics include animal diseases, introduction to animal science, animal nutrition, animal science issues, career opportunities, and animal evaluation. Skills in biology, chemistry, and algebra are reinforced in this course.
Animal Science II: #6822 DMHS	Credit: 1 Grades: 11-12 Weight: S Prerequisite: Animal Science	This course includes more advanced scientific principles and communication skills than were developed in Animal Science I. Topics include animal waste management, animal science economics, decision making, global concerns in the industry, genetics, and breeding. Content knowledge in biology, chemistry, and algebra are reinforced in this class. Work-based learning strategies appropriate for this course are agriscience projects, internships, cooperative education, apprenticeships and supervised agricultural experience. Supervised agricultural experience programs and FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies. Recommended Maximum Enrollment: 20 Recommended Hours of Instruction: 135-180
Animal Science II - Small Animal: #682321 RCHS ONLY	Credit: 1 Grades: 11-12 Weight: S Prerequisite: Animal Science I	This course provides instruction on animal husbandry topics related to small animals that are served by a veterinarian. Content related to the breeding, grooming, care and marketing of animals that fit into this category will be covered through this course. Opportunities for students to gain hands-on experience will be included in the course and reinforced through work-based learning and leadership experiences.

Agricultural Mechanics I: #683122 DMHS, RCHS	Credit: 1 Grades: 10-11 Weight: S Prerequisite: Agricultural Applications	Develop knowledge and skills in the broad field of agricultural machinery, equipment, and structures. Study several of the following: introduction to agricultural mechanics, agricultural power technology, metal fabrication technology, small engine maintenance and repair, agricultural structures, and agricultural electrification. "Learn by doing" in the classroom and agricultural mechanics facility. Participate in FFA activities.
Agricultural Mechanics II: #683222 DMHS, RCHS	Credit: 1 Grades: 11-12 Weight: S Prerequisite: Agricultural Mechanics I	Continue the study of agricultural machinery, equipment and structures. Participate in an in-depth study of introduction to agricultural mechanics, agricultural power technology, metal fabrication technology, small engine maintenance and repair, agricultural structures, and agricultural electrification. "Learn by doing" in the classroom and agricultural mechanics facility. Participate in FFA activities.
Horticulture I: #684122 DMHS, RCHS	Credit: 1 Grades: 10-12 Weight: S Prerequisite: Agri Science Applications suggested	Study the field of horticulture, including basic scientific principles of producing, managing, and marketing fruits, vegetables, and ornamental plants. Study leadership development, supervised agricultural experience programs, plant growth and development, soils and nutrients, and pest management. "Learn by doing" in the classroom, greenhouse, nursery, and land lab. Participate in FFA and supervised agricultural experience activities.
Horticulture II: #68422 DMHS, RCHS	Credit: 1 Grades: 11-12 Weight: S Prerequisite: Horticulture I	Concentrate study on the field of ornamental horticulture. Study greenhouse plants production, landscape design, landscape maintenance, flora design, nursery production, and lawn establishment and maintenance. "Learn by doing" in the classroom, greenhouse, nursery, and land laboratory. Participate in FFA and supervised agricultural experience activities.
Horticulture II-Landscape Construction: #688222 DMHS ONLY	Credit: 1 Grades: 11-12 Weight: S Prerequisite: Horticulture I	Receive instruction in interpreting landscape designs, identifying landscape plants, planting and maintaining trees, shrubs and turf. Landscape construction is emphasized in the areas of grading and drainage, irrigation, paver installation, and the use and maintenance of landscape equipment. Students will explore career opportunities and employability skills needed to enter the landscape industry.
Agricultural Advanced Studies: #689922 RCHS ONLY	Credit: 1 Grades: 12 Weight: S Prerequisite: Successful completion of 3 credits in the Agriculture Program with teacher approval	Demonstrate ability to use content and apply knowledge learned in the Agriculture program by completing the course's three components: a research paper, a product and a presentation. Develop ability to write, speak, apply knowledge, problem solve and use life skills such as time management, planning, follow through and organization. Work under teacher guidance in collaboration with community members, business representatives and other school personnel.
HEALTH OCCUPATIONS EDUCATION		
Allied Health Sciences I: #721122 ALL SCHOOLS	Credit: 1 Grades: 11 Weight: S Prerequisite: Biology and Health	Investigate the health care delivery system, its services and occupations, nature of health maintenance and preventive medicine, diseases and disorders, diagnosis and treatment, medical terminology, medical ethics, legal medicine, and the role of nutrition and diet in health care. Study specific health problems related to birth, infants, and the aged, the metric and apothecaries systems, communicable diseases, and the future of health occupations in light of modern technological innovations.
Allied Health Sciences II: #721222 ALL SCHOOLS	Credit: 2 Grades: 12 Weight: S Prerequisite: Allied Health Sciences I	Gain an understanding of medical personnel, establishment of health and safety standards, various diagnostic, therapeutic, restorative, and rehabilitative measures available in the health care delivery system, and employment opportunities. Participate in classroom and/or laboratory learning and a 65 hour clinical internship in the medical community.
FAMILY AND CONSUMER SCIENCES EDUCATION		
Teen Living: #701522 ALL SCHOOLS	Credit: 1 Grades: 9-10 Weight: S Prerequisite: None	Utilize hands-on simulated activities to examine roles and responsibilities associated with the work of the home and family. Study nutrition and wellness, food preparation, clothing and fashion, child development, and family living. Develop an understanding of consumer choices, management of the home environment, and leadership development.
Apparel Development I: #703522 DMHS, MHS, RCHS	Credit: 1 Grades: 10-12 Weight: S Prerequisite: None	Develop basic skills in apparel selection, fashion design, and garment construction. Learn to operate the sewing machine, small sewing equipment, select appropriate fabric and patterns, and construct two or more items of clothing. Explore opportunities for employment in fields of apparel and home fashions. Students enrolling in this course will be required to supply fabric and materials for garment construction.

Apparel Development II: #703620 DMHS, MHS, RCHS	Credit: 1 Grades: 11-12 Weight: S Prerequisite: Apparel Development I	Continue your study of apparel selection and fashion design and further develop your skills in garment construction. Student should possess a strong interest in garment construction and have basic skills in the operation of the sewing equipment. Students will be required to supply fabric and materials for projects. A real or simulated business apparel enterprise component allows students to apply instructional strategies and workplace readiness skills to an authentic experience.
Foods I: Fundamentals: #704522 DMHS, MHS, RCHS	Credit: 1 Grades: 10-12 Weight: S Prerequisite: None	Examine individual nutritional needs and how they change throughout life. Study the relationship of good nutrition to health and wellness. Learn how to select and store foods and use care for various kitchen appliances. Learn food preparation techniques.
Foods II: Advanced: #704620 DMHS, MHS, RCHS	Credit: 1 Grades: 11-12 Weight: S Prerequisite: Foods I: Fundamentals	Continue the study of foods, nutrition and advanced food preparation techniques. Participate in extensive practical activities in planning menus and preparing food and learn food presentation techniques. A real or simulated in school food business component allows students to apply instructional strategies and workplace readiness skills to an authentic experience. Students should possess a strong interest in pursuing a career in the food industry. Work-based learning strategies appropriate for this course include school-based enterprises, field trips, job shadowing.
Housing & Interiors I: #705522 DMHS, MHS, RCHS	Credit: 1 Grades: 10-12 Weight: S Prerequisite: None	Study interior design as a means of individual expression, imagination, and creativity. Learn how applying design principles can lead to pleasing effects in one's home. Study architecture, house styles, furniture, floor coverings, windows and wall treatments, floor plans, lighting, and employment opportunities.
Parent and Child Development: #706522 ALL SCHOOLS	Credit: 1 Grades: 11-12 Weight: S Prerequisite: None	Investigate role and responsibilities of parenting with instruction in infant and early childhood development. Learn about care and guidance of children, how family influences a child's development, how to analyze parenting concerns in today's world, and creative activities appropriate for children. Explore job opportunities and careers in the field of early childhood education.
Personal Finance (Formally-LIFE - Living Independently Through Financial Education): #708622 ALL SCHOOLS	Credit: 1 Grades: 11-12 Weight: S Prerequisite: None	Prepare for independent living as a young adult by studying relationships, spending money, planning and cooking meals, selecting an apartment or home in which to live, basic clothing care and repair, and the essentials of parenting.
Early Childhood Education I: #711123 RHS	Credit: 2 Grades: 11-12 Weight: S Prerequisite: Parenting and Child Development	Begin your career of working with young children from birth to age 8 by studying the development of young children while participating in a laboratory experience in a childcare center. Topics covered in the classroom include health, safety, guidance, and developmentally appropriate activities for children.
Early Childhood Education II: #711222 RHS	Credit: 2 Grades: 12 Weight: S Prerequisite: Early Childhood Education I	Continue your career preparation for working with young children in this second level course. Prepare for opportunities in management and business ownership in the childcare industry by studying topics in the classroom that include curriculum development, record keeping and personnel management. Spend the majority of class time in laboratory experiences working with young children. Work-based learning strategies appropriate to this course are internships, cooperative education, and apprenticeship.
Family & Consumer Sciences Advanced Studies: #719922	Credit: 1 Grades: 12 Weight: S Prerequisite: Successful completion of 3 courses in the Family & Consumer Sciences Program and teacher approval	Focus in on an area of your interest such as apparel design, community and family service, culinary arts, food sciences and others in the Family & Consumer Sciences Program to complete the three components of the course: a research paper, product, and a presentation. Students will demonstrate abilities to use content and apply knowledge to authentic situations in a selected career.
TRADE AND INDUSTRIAL EDUCATION		
Automotive Service Technology I: #751122 RCHS, MHS	Credit: 1 Grades: 10 Weight: S Prerequisite: Algebra I recommended	Learn technical, general related information and physical skill development as it relates to automotive technology. Study leadership development, engine operating principles, engine units, trouble shooting, test equipment, and engine overhaul. Participate in hands-on experiences in an automotive shop environment.
Automotive Service Technology II: #751222 RCHS, MHS	Credit: 2 Grades: 11 Weight: S Prerequisite: Auto Technology I	This course provides the basic instruction for NATEF certification in brakes and electrical/electronics. Topics include safety, hand tools, power tools, brakes, and electrical/electronics. Work-based learning experience strategies appropriate for this course are field trips, job shadowing, internships, cooperative on-the-job training, and apprenticeship.

Automotive Service Technology III: #751322 RCHS, MHS	Credit: 2 Grades: 12 Weight: S Prerequisite: Auto Service Technology II	This course provides the continued instruction for NATEF certification in brakes and electrical/electronics. Topics include safety, power tools, advanced brakes, advanced electrical/electronics. Work-based learning experience strategies appropriate for this course are field trips, job shadowing, internships, cooperative on-the-job training, and apprenticeship.
Construction Technology I: #772120 RHS	Credit: 1 Grades: 9-12 Weight: S Prerequisite: Successful completion of Algebra I is highly recommended	This course provides a basic introduction to construction work and the technical aspects of basic safety, introductions to the carpentry trade, hand and power tools, blueprints, reading plans and elevations, building materials, material handling, fasteners and adhesives. Leadership, career development, thinking and reasoning skills, mathematics and technology skills are reinforced in this course as well. Job shadowing is an appropriate work-based learning strategy for this course. Hands-on work experiences and Skills USA leadership activities provide many opportunities to enhance classroom instruction and career.
Construction Technology II: #772220 RHS	Credit: 2 Grades: 10-12 Weight: S Prerequisite: Construction Technology I Successful completion of Geometry is a recommended	This course covers in depth advanced technical aspects of carpentry with emphasis on development of skills introduced in level I. Topics include floor systems, wall and ceiling framing, roof framing, roofing applications, introductions to concrete, reinforcing materials and forms, windows and exterior doors, basic stair layout, thermal and moisture protection, exterior finishing, cold formed steel framing and drywall installations. Skills in measurement, leadership, safety, mathematics, and problem solving are also reinforced in this course. Work-based learning strategies appropriate for this course are cooperative education and apprenticeships. Hands-on work experiences and Skills USA leadership activities provide many opportunities to enhance classroom instruction and career development.
Construction Technology III: #772320 RHS	Credit: 2 Grades: 11-12 Weight: S Prerequisite: Construction Technology II	This course covers more advanced technical aspects of carpentry with emphasis on development of skills introduced in level II. This course covers issues in doors and door hardware, commercial drawing, drywall finishing, suspending ceilings, window, door, floor and ceiling trim, cabinet fabrication and installation, rigging equipment and practices, properties of concrete, handling and placing concrete, reinforcing concrete, foundations and slab-on-grade. Skills in technical subjects, production, leadership, safety, problem solving, reading, and mathematics are reinforced in this course. Work-based learning strategies appropriate for this course are cooperative education and apprenticeships.
Trade/Industrial Co-op Training I (ICT): #782122 DMHS	Credit: 1 Grades: 11-12 Weight: S Prerequisite: None	Combine classroom work and on-the job training at an appropriate industrial training station. Develop marketable skills to help you secure full-time employment after graduation, or pursue advanced education and/or training related to those skills. Participate in classroom instruction for one class period per day, and average 15 hours on the job.
Trade/Industrial Co-op Training II (ICT): #782222 DMHS	Credit: 2 Grades: 12 Weight: S Prerequisite: Industrial Cooperative Training I	Learn additional information related to on-the-job training. Learn advanced skills during second year of on-the-job training per week. Work-based learning strategies appropriate for this course include cooperative education and apprenticeships.
Drafting I: #792122 ALL SCHOOLS	Credit: 1 Grades: 10-12 Weight: S Prerequisite: None	Learn basics of drafting using computer and AutoCAD software. Study tools of the trade and opportunities for careers using computer-drafting skills. Topics include problem-solving strategies, classical representation methods such as sketching, geometric construction techniques, as well as CAD (computer assisted design), orthographic projection, and 3-D modeling.
Drafting: Architectural II: #796222 ALL SCHOOLS	Credit: 1 Grades: 11-12 Weight: S Prerequisite: Drafting I, Geometry recommended	Study principles, concepts and use of complex graphic tools used in architecture, structural systems and construction trades. Emphasis will be placed on the use of CAD tools to create floor plans, wall sections and elevation drawings. Work-based learning strategies appropriate for this course are apprenticeship and cooperative education.
Drafting: Architectural III: #796322 ALL SCHOOLS	Credit: 1 Grades: 11-12 Weight: S Prerequisite: Drafting: II Architectural	Refine your understanding and skills by studying advanced architectural design concepts. Use CAD tools in design and execution of site and foundation plans as well as topographic information and detail drawings. Work-based learning strategies appropriate for this course are apprenticeship and cooperative education.

Trade and Industry Advanced Studies: #799920	Credit: 1 Grade: 12 Weight: S Prerequisite: 3 technical credits in Trade and Industrial Education with teacher approval	This culminating, career-focused course for seniors in T&I programs includes a research paper, product, and presentation. Emphasis is on students demonstrating their abilities to use content and apply knowledge to real-world situations.
TECHNOLOGY EDUCATION		
Fundamentals of Technology: #811022 DMHS, MHS	Credit: 1 Grades: 9-11 Weight: S Prerequisite: None	Learn principles and skills used in subsequent technology education courses. Learn to sketch solutions to problems, create technical drawings and presentations, build models, and apply creative problem solving methods. Learn how to access communication information, use simple and complex tools in a safe manner, and increase awareness of the historical and contemporary implications of technology. Explore computer-aided design, graphics, and computer-aided manufacturing and develop a better understanding of the tools, techniques and processes of technology.
Manufacturing Systems: #811522 MHS	Credit: 1 Grades: 10-12 Weight: S Prerequisite: Fundamentals of Technology	Study concepts and principles of past and present manufacturing systems. Work individually and in teams, design products, develop and conduct market surveys, and produce products using contemporary manufacturing methods. Learn product design, creative problem solving, creation of prototypes, computer-assisted design, and manufacturing.
Communications Systems: #812522 MHS	Credit: 1 Grades: 10-12 Weight: S Prerequisite: Fundamentals of Technology	Develop an understanding of past and contemporary communications principles and devices, and use various media to develop graphic and electronic communication projects. Participate in the production of sketches, screen prints, computer assisted graphics, technical presentation, photographs, and audiotapes. Learn to apply the elements of good design to communication products.
Transportation Systems: #812622 DMHS	Credit: 1 Grades: 10-12 Weight: S Prerequisite: Fundamentals of Technology	This course is designed to introduce students to land, water, air, and space transportation through experimentation and model making. Emphasis is placed on defining problems, designing, constructing, and testing prototypes. Activities are structured to integrate the physical sciences and mathematics. Work-based enterprise, job shadowing, and service-learning projects. This course and TSA technical and leadership activities develop skills essential for students interested in technical or engineering careers in transportation related fields.
Technology Advanced Studies: #800522 DMHS	Credit: 1 Grades: 11-12 Weight: S Prerequisite: Fundamentals of Technology	Pursue a creative topic of your choice using knowledge, skills, and insights gained from previous technology education and academic courses. Work on individual or small group project under the guidance of a technology teacher with input and involvement from other CTE and/or academic teachers.
INTERNSHIP – CO-OP – APPRENTICESHIP COURSES		
Career Development Internship: #619821 1 Credit #619822 2 Credits All High Schools	Credit: 1 credit for 135 hours, 2 for 270 contact hours Grades: 12 Weight: S Prerequisite: Application allows for the student development of workplace competencies.	Internships are an essential way for today's youth to experience the value of work, and mature personally. Internships allow students to observe and participate in daily operations, develop direct contact with job personnel, ask questions about particular careers, and perform certain job tasks. This activity is exploratory and allows the student to get hands-on experience in a number of related activities. Career major internships deviate from the traditional internship in that the workplace activity is related to a potential career path of the student. The student must complete a minimum of 135 hours for 1 credit and 270 hours for 2 credits.
CTE Internships: Business: #659822 1 credit Business: #659823 2 credit Marketing: #669822 1 credit Agriculture: #689822 1 credit Family Consumer Science: #719822 1 credit Health Science: #729821 1 credit Health Science: #729822 2 credits Trade & Industrial: #799822 1 credit Technology: #819822 1 credit	Internships Credit: 1 for 135 contact Hours 2 for 270 contact hours Grades: 12 Weight: S Prerequisite: Teacher/CDC recommendation Not all Internships are available at every school	Internships are an essential way for today's youth to experience the value of work, and mature personally. Internships allow students to observe and participate in daily operations, develop direct contact with job personnel, ask questions about particular careers, and perform certain job tasks. This activity is exploratory and allows the student to get hands-on experience in a number of related activities. Career major internships deviate from the traditional internship in that the workplace activity is related to a potential career path of the student. The student must complete a minimum of 135 hours for 1 credit and 270 hours for 2 credits.

<p>Co-op Courses</p> <p>Business: #659762 1 credit Marketing: #669762 1 credit Agriculture: #689762 1 credit Family Consumer Science: #719762 1 credit T&I: #799761 1 credit T&I: #799762 2 credits</p>	<p>Co-op Credits</p> <p>Credit: 1 for 135 contact Hours 2 for 270 contact hours Grades: 11-12 Weight: S Prerequisite: Application – Must take a co-op training class first</p> <p>Not all Co-ops are available at every school</p>	<p>Provides on the job training for students through a cooperative agreement among the school, the employer, and the student. A cooperative education coordinator is responsible for providing classroom instruction related to the occupation in which the student is placed and for contact with the student and the appropriate supervisor at the training site. Written training agreement and written training plans between the school and the employers are cooperatively developed and available. Students will receive on the job training for a minimum of 135 hours during a semester. Students may receive one unit of credit for each period spent in the classroom and another unit for the on the job training component.</p>
<p>Apprenticeships</p> <p>Business: #659622 1 credit Marketing: #669622 1 credit Ag: #689622 1 credit Health: #729622 1 credit FACS: #719622 1 credit Trade & Industrial: #799622 1 credit Trade & Industrial: #799623 2 credit Technology: #819622 1 credit</p>	<p>Apprenticeships</p> <p>Credit: 1 for 135 contact hours 2 for 270 contact hours Grades: 11-12 Weight: S Prerequisite: Application/CDC permission</p> <p>Not all Apprenticeships are available at every school</p>	<p>High School apprenticeship is an industry-driven education and career-training program based on recognized industry standards. It is a means by which employers address current and projected employment needs. This program is a partnership among business, industry, education, government, parents, and youth apprentices. Apprentices are registered by the North Carolina Department of Labor, Apprenticeship and Training Division. The division provides free assistance to the employer and the apprentice and certifies both the training program and the newly trained journeyman. Application of high school apprenticeship hours and experience apply toward an adult apprenticeship leading to a completed journeyman certificate. The high school student can begin when he/she turns 16 years of age and is part of the high school apprenticeship program.</p>

MISCELLANEOUS

Bible I: #950522	Credit: 1 Grades: 9-12 Weight: S Prerequisite: None	Focus on the Jewish nation's history, how the Bible came to us, and the Old Testament's key people and events.
Bible II: #950523	Credit: 1 Grades: 10-12 Weight: S Prerequisite: Bible I	Focus on the New Testament, emphasizing Jesus' life and the early church.
Library Media Assistant: #951522	Credit: 1 Grades: 10-12 Weight: S Prerequisite: English I & II, teacher recommendation	Assist with the media center's day-to-day operation. Learn basic principles of media center organization including shelving books, checking out materials, assisting students, working with video and audiovisual equipment, and using computers for research.
Teacher Cadet: #951221 (Classroom)	Credit: 1 Grades: 12 Weight: S Prerequisite: None	The class is for seniors interested in education. Sections include study of the learner, school governance, teaching practices, and schools of the future. Students will learn about different personality and learning styles and human development: physical, social, and moral. Students can continue their Teacher Cadet class with participation in an internship opportunity in a local classroom.
Public Speaking and Debate: #101822	Credit: 1 Grades: 9-12 Weight: S Prerequisite: None	Study speaking skills and styles, gather research evidence for debate and extemporaneous speaking, and participate in mock contests to sharpen skills. Speakers will "learn by doing." Plan to do weekend traveling and competing in the areas of after-dinner and extemporaneous speaking, dramatic interpretations, original oratory, and debate.
Office Assistant: #998191	Credit: 0 Grades: 12 Weight: None Prerequisite: Application	Assist in office duties; includes typing, filing, answering phones and copying.
Lab Assistant: #998193	Credit: 0 Grades: 12 Weight: None Prerequisite: Application	This is a non-credit course. The student will assist teacher with lab duties.
Student Tutor: #998195	Credit: 0 Grades: 12 Weight: None Prerequisite: Application	Serve as a tutor for students.
Greek Mythology: #102922	Credit: 1 Grades: 10-12 Weight: S Prerequisite: English I	Trace Greek mythology from theogony (birth of the gods) through the adventure of Odysseus after the Trojan War. Stories of love, adventure, and war will be studied in detail. Emphasis is on comprehension, retention, and appreciation of Greek mythology as ancient literature and as reflected in subsequent art, literature, and language. Oral commentaries and semester project required.
Academic Skills: #000111	Credit: 1 Grades: 9-12 Weight: Remedial Prerequisite: Teacher recommendation	Participate in remediation and academic support for areas of need in completing the career curriculum.

The International Baccalaureate Program is a four-year curriculum offered at Reidsville High School: two years in pre-IB and two years in an advanced level curriculum. It leads to either the IB diploma or the certificates in separate subjects. The IB diploma is open to all Rockingham County students seeking a challenging and rigorous educational experience with a unique international cross-curriculum focus and exceptionally high standards for achievement. Courses are offered on two levels: HL: Higher Level and SL: standard Level.

The IB program is comprehensive and designed to provide students with a balanced education. It includes all the main disciplines: languages, social studies, experimental sciences, mathematics, and elective subjects. In addition to these areas, the diploma candidate must complete an extended essay (4000 words) in a subject area that he/she has studied. He/she must also complete Theory of Knowledge I and II and fulfill requirements (150 hours) in the areas of creativity, action and service (CAS).

All courses include internal assessments and a final test. Students will earn college credit based on IB test performance. Students must pay all fees involved.

For additional information or questions, please contact the IB Coordinator at Reidsville High School.

INTERNATIONAL BACCALAUREATE		
Theory of Knowledge I: #95638A	Credit: 1 Grade: 11 Weight: AP/IB Prerequisite: IB students only	Theory of Knowledge is an integral part of the IB philosophy and is required for every IB Diploma candidate. The course challenges students to reflect on the nature of knowledge and its relationship to their experiences in and out of the classroom. Part I examines the role of language and thought in knowledge, the requirements of logical rigor for knowledge, and the systems of knowledge.
Theory of Knowledge II: #95638B	Credit: 1 Grade: 12 Weight: AP/IB Prerequisite: Theory of Knowledge I	Theory of Knowledge II fosters attitudes, which lead students to critically evaluate what they and others know. The subject matter introduced in Theory of Knowledge I is expanded upon and pursued further, with an emphasis on examining moral, political, and aesthetic judgments as they relate to knowledge. Also examined is the relationship between knowledge and truth. This course, which is required of all diploma candidates, is assessed through an oral presentation and an essay on a selected topic. The extended essay will be completed in this course.
History of the Americas (HL): #40268IB	Credit: 1.0 each Grade: 11 Weight: AP/IB Prerequisite: 11th grade standing, Civics and Economics, and one World course (World History recommended)	This study is a unique approach to American history that includes key comparison with other countries in our hemisphere. Students will come to appreciate their own cultural heritage in the broad context of the experiences of the peoples of the region. Students are introduced to history as a discipline and to the historian's methods. This course of study obliges students to go beyond simple narrative; it requires comparison analysis. This course fulfills requirements for North Carolina's U.S. History.
Modern European History & 20th Century Topics (HL): #40278IB	Credit: 1.0 each Grade: 12 Weight: AP/IB Prerequisite: U.S. History or History of the Americas	This is a second level continuation of the IB requirement in the Individuals and Societies. It focuses on Europe and three major 20th century topics: the causes, practices and effects of war; the rise of single part states; and Cold War relations between the U.S. and Soviet Union.
Math I (SL): #20778A	Credit: 1 Grade: 11 Weight: AP/IB Prerequisite: Algebra II (Honors recommended)	This IB Math option is primarily designed for students who are interested in math-related careers such as engineering, medicine, or science. Topics include linear equations and inequalities, quadratic functions, polynomial functions, exponential and logarithmic functions, trigonometric functions, sequences and series, and probability and statistics.
Math II (SL): #20778B	Credit: 1 Grade: 11 Weight: AP/IB Prerequisite: Math Methods I	This course, a continuation of Math Methods I, prepares students for the SL exam. Topics covered include limits of function, derivatives, application of derivatives, integrals, application of the definite integral, logarithmic and exponential functions, inverse trigonometric and hyperbolic functions, and techniques of integration.
English III (HL): #10238IB	Credit: 1.0 Grade: 11 Weight: AP/IB Prerequisite: English II Honors	This course is the first part of an in depth, two-year literary analysis training course. Complete two-year focus includes emphasis on all forms and genres of literature (novel, short story, play, essay, poetry, etc.) as material for study with a partial concentration on American and British literature in the first year. In addition to written assignments, student must engage in extensive oral commentaries along with at least one extensive analysis (700-1000 words) based on works studied. This course fulfills requirements of NC English III and AP English III.

English IV (HL): #10248IB	Credit: 1.0 each Grade: 12 Weight: AP/IB Prerequisite: HL English III	This course is a continuation of HL English III with a partial concentration on British and World Literature, with the same requirements for oral commentary and extensive essay analysis as in HL English III. This course culminates the two-year course of study in literary analysis and prepares students for the HL English Exam.
Biology I (HL): #30218A	Credit: 1 Grades: 12 Weight: AP/IB Prerequisite: Biology II and Chemistry (Honors recommended)	This course builds on the foundation of Biology by investigating the natural world. Students study organisms and communities both in the lab and in the natural environment that include biotic and abiotic factors, as well as physiological and behavioral adaptations.
Biology II (HL): #30218B	Credit: 1 Grade: 12 Weight: AP/IB Prerequisite: HL Biology I	A continuation of HL Biology I, this culminates the course of study in Biology and prepares students for HL Biology exam.
Spanish V (SL) #10558A	Credit: 1 Grade: 12 Weight: AP/IB Prerequisite: Spanish IV	Students will develop the ability to communicate orally, through written, and in response to spoken language. Three major themes will be explored: Exploring change (social, political, technological), exploring groups (family, community, racial), and exploring leisure (arts, film, media). Successful completion prepares the students the SL Spanish B examination. This course also fulfills the requirements for AP Spanish.
Chemistry (SL): #30518A	Credit: 1 Grades: 11-12 Weight: AP/IB Prerequisite: Biology and Chemistry (Honors recommended), Physics	This course provides serious science minded students with opportunities for scientific study, development of experimental and investigative scientific skills, and understanding of the scientific method. Topics covered include scientific writing dealing with chemistry and its global effect, studies of reactions including organic, inorganic and acid/base, and kinetics and bonding. Completing this course prepares a student for the SL Chemistry exam. This is an area #6 elective.
Visual Arts (SL): #54498Y	Credit: 1 Grades: 11-12 Weight: AP/IB Prerequisite: Art and Design I	Designed as an Area #6 SL elective, Art and Design II is based on an expansion of the material introduced in non-IB Art and Design I. Studio work represents the major part of the course of study, complemented by a research notebook. Successful completion of the course prepares the student to test in Art and Design SL (portfolio presentation exam). This course fulfills the requirements for N.C. Honors Studio Art A.
Theatre Arts III (SL): #53168Y	Credit: 1 Grades: 11-12 Weight: AP/IB Prerequisite: Theatre Arts I & II	Designed as an Area #6 SL elective, Theatre Arts III builds upon the material introduced and developed in non-IB Theatre Arts I & II. Course of study consists of advanced, more individualized work in a seminar style with in-dept research, analysis, application, and production emphases. Specific technical preparation in script writing and editing, improvisation, acting, design and production, and directing will be explored through research, comparison and contrast analysis, and critique. Successful completion prepares the student for the SL Theatre Arts exam. This course fulfills the N.C. Honors Theatre Arts A.
ITGS (SL): #643080	Credit: 1 Grades: 11-12 Weight: AP/IB Prerequisite: ITGS is an Area #6 elective for students with an interest in exploring the impact of information technology.	Information Technology in a Global Society is the study of and evaluation of the impact of information technology (IT) on individuals and society. It explores the advantages and disadvantages of the use of digitized information at the local and global levels. ITGS provides a framework for the student to make informed judgments and decisions about the use of IT within social contexts. Projects and a portfolio, along with successful completion of the ITGS test, are required.

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Teaching all students to become productive citizens and life-long learners.

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