Rowan-Salisbury School System

High School Guidebook

Class of 2011-2012

"If my mind can conceive it, and my heart can believe it, I know I can achieve it."

~anonymous

Rowan-Salisbury Schools High School Guidebook
2010-2011 Edition

The High School Guidebook provides general information about the academic expectations and course offerings of all Rowan-Salisbury High Schools. This guidebook is intended to provide information to students and their parents as they decide on course selections for the 2009-2010 school year. If you have any questions, please contact your high school guidance department for assistance.

Rowan-Salisbury High Schools

Jesse C. Carson High School	**704-855-7297**
Guidance Department	**ext. 5040**
East Rowan High School	**704-279-5232**
Guidance Department	**ext. 117, 120, 145**
Henderson Independent High School	**704-639-3134**
Guidance Department	**704-639-3133**
North Rowan High School	**704-636-4420**
Guidance Department	**ext. 116, 118**
Salisbury High School	**704-636-1221**
Guidance Department	**ext. 453, 454, 459**
South Rowan High School	**704-857-1161**
Guidance Department	**ext. 269, 270, 274**
West Rowan High School	**704-278-9233**
Guidance Department	**ext. 127, 128, 138**
Rowan County Early College	**704-213-3873**

In compliance with federal law, the Rowan Salisbury Schools System administers all educational programs, employment activities and admissions without discrimination because of race, religion, national or ethnic origin, color, age, military service, disability, or gender, except where exemption is appropriate and allowed by law.

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Rowan-Salisbury School System Mission: *To develop globally competitive schools that inspire, challenge, and empower students to meet high academic standards, lead ethical lives, and demonstrate knowledgeable, responsible citizenship in an increasingly challenging world.*

Rowan-Salisbury School System Vision: A*n exemplary system whose schools are recognized for the outstanding quality of their graduates, staff, and programs. These graduates allow Rowan County to successfully compete regionally, nationally, and globally for high quality business and economic development*.

The guiding mission of the North Carolina State Board of Education is that every public school student will graduate from high school, be globally competitive for work and post-secondary education, and be prepared for life in the 21st century.

Goal: NC public schools will produce globally competitive students.
Goal: NC public schools will be led by 21st century professionals.
Goal: NC public school students will be healthy and responsible.
Goal: Leadership will guide innovation in NC public schools.
Goal: NC public schools will be governed and supported by 21st century systems.

In order for all students to reach their full potential, everyone connected to the schools has responsibilities to fulfill.

Student Responsibilities:
- High personal standards and goals
- Attendance
- Honest effort
- Responsible behavior
- Respect for teachers and administrators
- Respect for self and other students
- Respect for property

Staff Responsibilities:
- Support student goals and aspirations
- Provide a challenging and meaningful curriculum
- Create a positive learning environment

Parental Responsibilities
- Encourage and reinforce educational values
- Monitor student progress
- Be involved in school events and activities
- Support teachers and administrators with the educational process

Community Responsibilities
- Recognize and reward student achievement
- Provide support services and activities
- Assist in fundraising and booster programs

Rowan-Salisbury School System

Dear Students and Parents,

I would like to welcome you to the 2010-2011 High School Guidebook and registration process. For many of you this will be the last year you participate in this process because you or your child will be graduating in 2011. For others, you are in various stages of your high school career. Regardless of the stage of your high school experience, registration can be both an exciting and trying time for students and their parents. It is my hope that the 2010-2011 High School Guidebook will provide you with the information you need to complete the registration process.

As you begin looking at the course offerings, keep in mind your interests and your future aspirations. The high school guidance departments and/or your Advisor/Advisee classes will provide additional information as you move through the registration process. Course offerings at each high school are determined by student interest. Students are encouraged to register for the 8 courses they wish to take but also include alternate courses. Alternate courses will be scheduled if first level choices are not available.

On-line learning is a new and growing option to provide students with a broad range of choices. North Carolina Virtual Public School (NCVPS) is the leading provider of on-line learning. NCVPS offers both regular, honors, and AP level courses. Learn and Earn Online (LEO) also provides students the opportunity to take community college courses while attending high school. Most LEO courses carry honors level credit. But remember, online learning is not appropriate for all students. Students must be self-motivated and independent learners.

Parents, a successful high school career is dependent on your child's support team. This team consists of the student, the parent, the teachers, the school counselors, and the administration. By working together, we can achieve a positive high school experience and continue your child on a positive path toward graduation and reaching his/her career and life goals. Never hesitate to contact your child's advisor or school counselor if you have questions or concerns.

Sincerely,

Kathy McDuffie
Director of Secondary Education
Rowan-Salisbury School Rowan-Salisbury Schools

Rowan-Salisbury Schools Course of Study
Graduation Requirements

Content Area	Career Prep	College Tech Prep	College/University Prep	Occupational Course
English	4 credits English I, II, III, IV	4 credits English I, II, III, IV	4 credits English I, II, III, IV	4 Credits Occupational English I, II, III, IV
Mathematics	4 RSS credits	4 RSS credits	4 RSS credits	3 credits
	Option A 1. Math Fundamentals 2. Introduction to Algebra 3. Algebra I 4. Introduction to College Math **Option B** 1. Introduction to Algebra 2. Algebra I 3. Tech Math I 4. Tech Math II	**Option A** 1. Algebra I 2. Tech Math I 3. Tech Math II 4. Math Elective **Option B** 1. Algebra I 2. Geometry 3. Algebra II 4. Math Elective	**No Algebra in Middle School** **1.** Algebra I **2.** Geometry **3.** Algebra II **4.** A higher level math course with Algebra II as prerequisite **Algebra in Middle School** 1. Geometry 2. Algebra II 3. A higher level math course with Algebra II as prerequisite 4. Math elective	Occupational Mathematics I, II, III
Science	4 RSS credits Earth Environmental, a Physical Science, Biology, and one Science Elective	4 RSS credits Earth Environmental, a Physical Science, Biology, and one Science Elective	4 RSS credits Earth Environmental, a Physical Science, Biology, and one Science Elective	2 NC credits Occupational Life Skills Science I, II
Social Studies	4 RSS credits World History, Civics, US History, and one Social Studies Elective	4 RSS credits World History, Civics, US History, and one Social Studies Elective	4 RSS credits World History, Civics, US History, and one Social Studies Elective	2 NC credits Occupational Social Studies I, II
Second Language	Not Required	Not Required	2 Credits In same language	Not Required
Health & Physical Education	1 credit	1 credit	1 credit	1 credit
Electives	10 RSS credits which can include CTE, JROTC and Arts Credits	10 RSS credits which can include CTE, Credits	8 RSS credits which can include CTE, JROTC and Arts Credits	6 Occupational Preparation Education credits
Specific Credit	4 CTE credits OR JROTC credits OR 4 Arts credits	4 CTE credits	Not required	4 CTE credits
Arts	1 credit	1 credit	1 credit	Not required
RSSS	**28 RSS CREDITS**	**28 RSS CREDITS**	**28 RSS CREDITS**	**22 CREDITS AS REQUIRED BY THE STATE OF NC**
Graduation Project Local Requirements	No specific course required; student must successfully complete all components (students entering 9th grade in 2006-07)	No specific course required; student must successfully complete all components (students entering 9th grade in 2006-07)	No specific course required; student must successfully complete all components (students entering 9th grade in 2006-07)	Not required but a career portfolio is required

Graduation Requirements for Class of 2011 and 2012

1. Complete a meaningful sequence of 4 units each in the English, Mathematics, Social Studies, and Science disciplines (certain core courses are state requirements).
2. Complete 1 unit each in the Arts Education and Health/Physical Education disciplines.
3. Complete one of the state specified Course of Study Pathways (Career Preparatory, College Tech Preparatory, College/University Preparatory, Occupational Course of Study).
4. Complete 10-14 units of meaningful electives.
5. Achieve proficient on the Five High School Exit Standard Courses (Algebra, English I, Biology, Civics and Economics, and US History) (state requirement).
6. Achieve proficient on all EOC exams to receive the course credit (local requirement).
7. Successfully complete a graduation project (local requirement).
8. Required to earn 28 credits (local requirement).

Graduation Project

North Carolina leaders have embraced the challenge of preparing students for a 21st century global society. In addition to passing five end-of-course tests, Rowan-Salisbury Schools' students will be required to complete a Graduation Project as part of the local graduation requirements. This model provides each student with the opportunity to demonstrate learning in a culminating product that requires 21st Century skills, such as critical thinking, problem solving, creativity, communication, technology skills and self-directed learning. A student will be evaluated on his/her performance in such elements as presentation, design, problem solving, academic content, work ethic and time management. The Graduation Project includes the following components:

- **A Research Paper:** An 8 to 10 page paper that demonstrates the student's research and writing skills.
- **A Product:** A tangible product related to the field of study or research topic, which students select, design and develop.
- **A Portfolio:** A collection of tasks, insights, and logs to document the project from the topic selection to the oral presentation.
- **Oral Presentation:** A formal oral presentation summarizing the Graduation Project, from the topic selection to project completion and self-growth.

For additional information, please visit the Rowan-Salisbury Schools Graduation Project website at www.rss.k12.nc.us/SecEd/GradProj/GradProj.html.

Early Graduation

A student who wishes to apply for early graduation (after 1st semester of his/her senior year) must submit a written request to the principal before beginning their senior year. The written request should explain the reason the student wants to graduate early. The student should request a transcript of courses completed in high school from the guidance department and attach it to the request. Early graduation approval is contingent upon the recommendation of the principal, following a conference with the student and parent.

Academic Scholars Program Requirements

Credits	Program Area
4	English Language Arts I, II, III, IV
4	Mathematics (Algebra I, Algebra II, Geometry, and higher level math course with Algebra II as prerequisite)
3	Science (a Physics or Chemistry course, Biology, and an Earth/Environmental Science course)
3	Social Studies (World History, Civics/Economics, and U. S. History)
2	Languages other than English (two credits of the same language)
1	Healthful Living (Health/Physical Education)
1	Career and Technical Education
1	Arts Education (Dance, Music, Theatre, or Visual Arts)
5	Electives to include at least 2 second level (or advanced) courses.

24 Minimum Credits Needed for NC Scholars Qualification plus a Cumulative Un-weighted GPA of 3.5 or above. Must meet all local and state requirements for a NC high school diploma. Rowan-Salisbury Schools requires 28 credits for students.
For more information visit http://www.ncpublicschools.org/curriculum/scholars

Valedictorian/Salutatorian Selection

The following guidelines will be used for Valedictorian/Salutatorian at a Rowan-Salisbury high school. Selection for Valedictorian/Salutatorian will be determined at the end of a student's 8th semester or at the end of the spring semester of their senior year. A student:

- must be enrolled in the recognizing high school for three complete and consecutive semesters immediately prior to the recognition.
- must have taken a full load of courses for credit in each of his/her eight semesters of high school.

Grade Placement

Grade 10 Sophomore:	To be classified as a sophomore, a student must have earned **5 credits.**
Grade 11 Junior:	To be classified as a junior, a student must have earned **12 credits**.
Grade 12 Senior:	To be classified as a senior, a student must have earned **20 credits or be registered for classes that satisfy graduation requirements** by the end of the school year. (**28 credits**)

Testing Requirements for High School

1. ***North Carolina End-of-Course (EOC)Exams:*** All students enrolled in a course with an End-of-Course exam must take the exam. Students who do not take the End-of-Course exam will not receive credit for the course. Students must score a **Level 3 or 4** on all End-of-Course exams to receive course credit and the exams will count for 25% of the final grade. Currently, End-of-Course exams are administered for the following courses:

Algebra I	Biology	Civics & Economics	Geometry
Algebra II	English I	Physical Science	US History

2. ***Advanced Placement (AP) Exams:*** Students enrolling in an AP course(s) are required to take the AP exam. Each AP exam has a fee which is determined by the College Board. Please see your high school counselor for current AP exam fees. (Fee waivers are available for qualified students.) Certain AP courses may only be available through the RSS Net Academy.

3. ***VoCATS Tests:*** All students enrolled in courses in which VoCATS posttests are administered must take the tests. Students who do not take the VoCATS test will not receive credit for the course. The VoCATS post-test counts 25% of the final grade. (Occupational Course of Study students will be tested according to their CTE Blueprint based on their IEP.)

4. ***Tenth grade Writing Test*:** Informational writing assessed on the Grade 10 Writing Assessment involves the explanation and analysis of relationships in either definition or cause and effect compositions. Students will be assessed based on the state adopted rubric.

5. ***Teacher-made Exams***: All courses will have a final exam. For all non-EOC or non-VoCATS courses, the final exam will be made by the teacher. Teacher-made exams count 25% of the final grade. A student will not be required to take the final exam in any non-EOC or non-VoCATS course if he/she meets one of the following conditions.
    - Has an A average and no more than 3 absences for the semester
    - Has a B average and no more than 2 absences for the semester
    - Has a C average and no more than 1 absence for the semester

    (For exemption purposes only, 2 tardies to class count as 1 absence)

6. ***Other Optional Tests***
    a. ***Preliminary Scholastic Aptitude Test (PSAT):*** Students may take the PSAT in preparation for the SAT or ACT. The PSAT is administered in every high school in October. A student will receive a comprehensive analysis of his/her results after the test.

    b. ***SAT/ACT:*** Most four-year institutions of higher education require a SAT or ACT score as part of admissions information. Students are better prepared for the SAT and ACT tests after taking English I and II, Algebra I, Geometry, and Algebra II. Applications for the SAT and the ACT are available on line and in the guidance office.

    c. ***Armed Services Vocational Aptitude Battery (ASVAB):*** The ASVAB is a test of mechanical and technical skills that can be used to predict vocational aptitudes and interests. The results can be helpful in making career choices. The ASVAB is used to qualify for all branches of military service and is administered at the 11th or 12th grade level to interested students.

d. ***COMPASS/ASSET:*** The Compass or Asset test is required for students planning to attend a community or technical college. In addition to the Compass/Asset test, students who plan to attend community college classes are required to take a basic computer test. Students who plan to take on-line or hybrid classes (A a combination of face-to-face and on-line instruction.) are required to take the TPE test.

Grade Scale and Grade Reporting

All students are expected to master standards and course outcomes before credit is awarded. Report cards will be issued to students at the end of each nine-weeks grading period. All exam grades count 25% of each semester's grade.

The grading scale for all official grade reports in Rowan-Salisbury Schools is as follows:

A	=	93-100
B	=	85-92
C	=	77-84
D	=	70-76
F	=	Below 70
INC	=	Incomplete
FF	=	No Credit

Only grades of D and above result in the awarding of credit.

Rowan-Salisbury High School Weighted Course Program

A weighted system is used to encourage students to take more challenging and rigorous courses, to reward successful completion of these classes and to determine class rank and grade point averages (GPA), which are more representative of what students are required to do to earn their grades. Class rank will be determined by weighted GPA.

Courses Eligible for Weighting:

1. Honor courses will receive one additional weighted point provided they are "above" and "beyond" the standard course of study.
2. Advanced Placement or International Baccalaureate courses recognized by national curricula and validated with standardized assessments will receive an additional two weighted points.
3. Select college level courses may receive one weighted point. (Prior approval is required by the high school principal, the college, and the high school director.)

Weights are figured as follows:

In the Rowan-Salisbury Schools, all courses will be designated as "4.0", "5.0", or "6.0". Only the courses designated as weighted courses are eligible to receive a designation above "4.0" and have additional weighted points awarded for grades above failure. As the degree of difficultly increases from "4.0" to "5.0", to "6.0", the number of weighted points which can be earned for a particular grade increases. Weights are assigned to courses in accordance with state guidelines. (Refer to scale below)

Grade Scale	A	B	C	D	E
Regular Weights	4	3	2	1	0
Honor Weights	5	4	3	2	0
AP	6	5	4	3	0

The weighted grade point average will be used to determine the following:

- Honor Roll (4.0 GPA)
- Class Rank
- Junior Marshals
- Honor Graduates (3.5 GPA calculated at the end of the 8th semester)
- Distinguished graduates (3.0 GPA calculated at the end of the 8th semester)
- NC Scholars (3.5 GPA plus other NC Scholars requirements calculated at the end of the 8th semester)
- Eligibility for honor societies and other academically oriented organizations at the high school level
- Scholarship competitions
- Other school-based honors or recognitions at the discretion of the principal and/or the Rowan-Salisbury Board of Education

ALL COURSES, WEIGHTED AND NON-WEIGHTED, ARE OPEN TO ANY STUDENT WHO MEETS THE COURSE PREREQUISITES AND DESIRES TO ENROLL. Availability of specific course offerings may vary from school to school, year to year, according to student enrollment and school scheduling. Please check with your guidance department for availability**.**

Supplemental Educational Opportunities

- **Rowan-Salisbury Schools Virtual Academy**

  Rowan-Salisbury School's Virtual Academy is comprised by North Carolina Virtual Public School (NCVPS on-line courses), Learn and Earn, UNC iSchool and Net Academy (On-line AP Courses). These options provide an exciting way for students to take high school courses, earn college credit or take college preparatory classes on line in a "virtual" teaching environment. "Virtual Learning" means registered students can take classes using computers over the Internet. Course content, assignment and demonstrations are provided on an anytime, anywhere basis. Students must be assigned to a virtual class during the school day.

  On-line learning is not for everyone. It takes commitment, self-motivation and conscientious time management. The student should have strong computer skills, the ability to comprehend written instructions, effectively communicate through the written word and be an independent learner.

  To register, a student must complete the appropriate paperwork, get approval from the principal and guidance counselor as well as complete the application required by the organization offering the course. All courses require a class period during the day; yearlong classes require a class period in both the fall and spring semesters. All students will be given a school email specifically for use with coursework.

- **NC Virtual Public Schools (NCVPS)**

  The purpose of the North Carolina Virtual Public School (NCVPS) is to provide courses that students are unable to take at their local schools. NCVPS will provide courses to supplement the local school's program of study. All courses will be taught by teachers who are certified by the state of North Carolina to teach the course. Once the on-line course is completed the student receives credit on his/her school transcript. Possible course offerings and technical requirements for NCVPS can be found at http://www.ncvps.org.

- **Learn and Earn On-line**

  North Carolina public high school students can earn community college credits through a special initiative called *Learn and Earn On-line* (LEO). Qualified students can take a variety of on-line college-credit courses at no cost to them or to their families. Students can earn both high school and college credit for completed courses. Course credit transfers to all NC System colleges and some private schools. (Check with the college you wish to attend to ensure the

credits will be accepted.) Through LEO, it is possible to graduate from high school with two years of college credits. To view information about UNCG iSchool visit their website at: http://ischool.uncg.edu/dci/web/ischool/. For information about courses available through Rowan Cabarrus Community College visit, http://www.rowancabarrus.edu/gateway2college/learn_online . LEO requires that students meet admissions requirements for the community college. Talk with your guidance counselor about these requirements.

On-Line AP Courses

On-line AP courses are available for students who wish to take a course not offered on their campus or through NCVPS. Classes are only offered during the fall semester, unless it is a year-long course. AP courses available include:

- AP Calculus AB
- AP Calculus BC
- AP Macroeconomics/ Microeconomics
- AP Statistics
- AP Psychology
- AP US Government and Politics
- AP US History

Courses are either semester course or year long. Please consult your guidance counselor if you have questions.

- **Rowan-Cabarrus Community College: Huskins Program**

  This is a program offered to high school students (11th and 12th graders) by providing college level courses. Upon successful completion of cooperative high school classes, students will receive high school credit and college credit. There is no tuition cost for the program. Some courses may require a supply fee ranging from $4.00 to $20.00. Students are responsible for the purchase of the textbook. Students must provide their own transportation. Courses carry 5.0 credit. Talk with your guidance counselor or Career Development Coordinator about the admissions requirements.

High School Program for Exceptional Students

The Rowan-Salisbury School System offers courses that meet the individual needs of identified exceptional students. All secondary schools offer the basic courses needed for graduation in an environment and structure necessary to meet individual student needs. Specialized programs are offered only at designated locations. Counselors and exceptional students' instructors work with identified students and their parents to develop an Individualized Education Plan (IEP) for each student. Exceptional students may register for courses listed in this handbook as provided for in the Individualized Education Plan.

English as a Second Language

The Rowan-Salisbury School System has chosen English as a Second Language (ESL or often ESOL) classes to meet the needs of English Language Learners. The goal of the program is to provide students whose first language is not English with the opportunity to develop communication skills in speaking, listening, reading, and writing, thereby, enabling them to be successful within the mainstream classroom. The program will assist students through their cultural adjustment by helping them develop an understanding of American culture while realizing the importance of their role in a multicultural society. The ultimate goal is for each ESL student to successfully reach grade-level proficiency in listening, speaking, reading, writing, and understanding English as measured by English language proficiency testing and annual state academic assessments.

Homebound Instruction

Homebound instruction is provided by the Rowan-Salisbury School System to a student who has a medically diagnosed physical or mental condition which confines the student to the home or the hospital and whose activities are restricted for an extended time period. A student receiving homebound instruction is required to follow all standard course of study requirements and take the

North Carolina End-of-Course tests when appropriate. A medical professional's (doctor, psychiatrist, psychologist) written recommendation is necessary.

High School Remediation

Each high school offers remediation and tutorial opportunities to assist students with gaining the skills needed to be successful in the courses in which they are enrolled. Tutoring may be offered before and / or after school. Credit recovery, as well as attendance recovery, is offered at each high school. Students should contact their teachers or school counselors for assistance.

Scholastic Requirements for Participation in High School Athletics

A student must have passed a minimum of 3 courses (block schedule) during the preceding semester to be eligible at any time during the current semester to participate in athletics. Summer school work may be used to meet part of the minimum load to determine fall eligibility. Students must also meet promotion standards set by the local board of education and be present for at least 85% of the previous semester at an approved high school. A student not academically eligible at the beginning of the semester is not eligible at any time during the semester. *(Reference NC High School Athletic Association 2009-2010 Handbook)*

Athletic Wait Period

Upon approval of any 7th grade, 8th grade, or high school transfer, there will be a one-year (365 days) athletic wait period before athletic eligibility can be established. This wait period would also include all students transferring from outside the RSSS district. This wait time will begin on the date of enrollment at the school requested (enrollment begins the day a student begins attending classes). If a high school student is legally enrolled and in attendance on the first day of classes at the transfer school, he/she will be eligible for athletics the week of August 1 of the next school year. Students of full-time employees receiving benefits of the RSSS are exempt from the athletic wait period for their first transfer during a grade span. *(Reference RSS Code of Conduct Student Transfer Policy.)*

Scholastic Requirements for Students Considering Participation in College Sports

To be certified by the NCAA Clearinghouse, a student must: Apply for certification before graduation if he/she wishes to participate in athletics as a freshman at the college to which he/she will be admitted. The clearinghouse will issue a preliminary certification report when all student materials are sent to the clearinghouse. It is recommended that the student complete an application during his/her junior year. School counselors can provide additional information.

Academic Attendance Requirements

A student who is absent from a high school class more than 8 days (excused or unexcused) in a semester will receive a grade of "FF" (failed due to attendance) unless the student completes a successful appeal to the principal. The principal and/or the school committee will review the total number of absences, the circumstances surrounding the absences, academic achievement in the affected class, participation in attendance recovery, and the extent to which the student successfully completed missed assignments. The committee may recommend one of the following: (1) the student will not receive a passing grade for the semester due to excessive absences, or (2) the student will receive the grade otherwise earned.

Absences are calculated on a period-by-period basis for each class. A student must be in attendance at least one-half of a class period in order to be counted "present" for that class. A student who enrolls after the 15th day of school must be in attendance 92% of the remaining days in the semester in order to be eligible for class credit.

High school students will be provided the opportunity to recover absences per class per semester through participation in an attendance recovery program at each high school. Students will make up time (90 minutes per class absence) outside of the normal instructional day at times approved by the principal.

Acceptance of Transfer of Students' Grades

Rowan-Salisbury high schools will honor all courses, grades, and credits received on a North Carolina standardized transcript. Transcripts received from other states will be evaluated using guidelines for North Carolina transcripts in accordance to the course coding structure of North Carolina schools. These guidelines are:

1. Time in the course
2. Conversion of numerical grades
3. Identification of course
4. Weighted/non-weighted status
5. Eligibility for credit approval

Home School Credit Acceptance

Students entering into public school from a state approved home school must produce verification of skills to be granted credit for specific core subjects. Transcripts will be reviewed, evaluated, and equated (where possible) according to the current requirements of the Rowan-Salisbury Board of Education. All transferred credit and class standing must be approved by the principal.

Drivers Education

The Rowan-Salisbury Board of Education offers a student the opportunity to complete a North Carolina sanctioned drivers education program. Any student who is at least 14 ½ years of age may participate in the Drivers Education Program. For information regarding classes, proficiency tests, and drivers education general information, see the drivers education contact person at your high school.

College Planning

North Carolina University System Admission Requirements

The University of North Carolina system entrance requirements are specific to your graduating class. Check with your guidance department for the most up to date information regarding the UNC system entrance requirements. The following courses will be required for admissions along with any additional requirements of the specific college or university. (These requirements are different from RSSS graduation requirements.)

1. A high school diploma or its equivalent
2. 4 units of Mathematics (Alg. I, Geometry, Alg. II and 1 unit beyond Alg. II or Alg. I & II and 2 units beyond Alg. II.) It is recommended that all applicants take a math course during 12th grade.
3. 4 units of English (I, II, III, IV)
4. 3 units of Science (Biology, a physical science, and an earth/environmental science)
5. 2 units of Social Studies (1 unit must be US History)
6. 2 units of a second language

In addition to courses completed and credits earned, admissions boards consider high school grades, class rank, ACT/SAT scores, extracurricular activities and recommendations.

All applicants for first-time admission as freshmen must meet minimum high school GPA & SAT scores. Please review these requirements @ http://www.northcarolina.edu/aa/admissions/requirements.htm

Private College/University Admissions Requirements
Private colleges and universities have similar requirements for admission along with institution specific requirements. Students need to consult the college's current catalogue or website for specific requirements.

Community or Technical College Requirements
For some career choices, the community college is the best post-secondary educational option. For other students, the community college offers the opportunity to earn the first two years toward a four-year college degree through the college transfer program. Community or technical colleges have specific requirements for admission. Most community colleges require a placement test before admission. Students need to consult with the community or technical college's admissions office or website for specific requirements.

High School Fees

The Rowan-Salisbury Board of Education has approved the following fees:

Allied Health II & Medical Science II	TBD	The student is responsible for the purchase of clinical uniforms.
AP Exams	TBD	Cost determined by the College Board – non-refundable. Waivers for fees may be granted by making application through the school guidance office.
Apprenticeship	$20.00	This fee is required & must be paid to the NC Department of Labor.
Art	$25.00	This fee is for art courses above Art I.
Band	$20.00	To be charged to all students who are issued a band uniform. This fee is for uniform maintenance cost.
CTE Certification Exams	TBD	Cost will be determined by the cost of the certification exam. Waivers for fees may be granted by making an application through the Career Development Coordinator.
CTE Courses	TBD	To be charged based on the course and the student product to be taken home by the student. (CTE Courses-Carpentry and Foods)
Graduation Cap & Gown	$35.00	The cap and gown unit includes: cap, gown, tassel, & hood.
Gym Suits	$20.00	This is determined by each school.
Lifetime Recreational Sports	$20.00	This covers the entrance/participation fees and transportation costs.
Locks	$10.00	Schools require school-purchased locks as a safety issue which allows school personnel access when deemed necessary.
Elective P. E. Courses	$15.00	To be charged to all students taking an elective P. E. above the 9th grade required course. This fee will cover the cost of towels, detergent, and any needed supplies for the advanced programs.
Parking Permits	$50.00	This fee covers costs related to parking lot maintenance.
Science Lab	$10.00	To be charged to cover the cost of lab materials.
Sports Medicine/Kinesiology	$10.00	To be charged to cover supplies needed.

Fees for High School Transcripts

- $5.00 for each official transcript requested by a student or former student.
- A transcript for medical or immunization records will be provided free of charge if it is required as part of a course requirement or a scholarship application while the student is enrolled in the school system.
- Each student will receive a final official transcript, free of charge, upon graduation.
- $2.00 for medical or immunization records.

ENGLISH

Most courses carry a weight of 4.0. Courses designated "Honors" carry a weight of 5.0. Courses designated "Advanced Placement" carry a weight of 6.0. All Advanced Placement (AP) courses have an exam which includes a fee.

Course levels are recommendations, but placement will be determined by the needs of the student based on EOG/EOC scores, teacher recommendations, and student performance in the prerequisite course(s).

Occupational English I (9)
Prerequisite: **EC Identification and placement in the Occupational Course of Study**
This course examines a variety of communication modes and the importance each plays in daily living and employment settings. Students apply reading and writing strategies to interpret and express factual, functional information. They use oral language strategies to communicate effectively in both formal and informal situations.

English I (9)
Prerequisite: **None**
This course has an emphasis on verbal and written communication skills and the analysis of a variety of texts. Students are required to take the End-of-Course (EOC) exam and be proficient (Level 3 or 4) to meet the graduation requirement for the Class of 2010 and beyond.

Honors English I (9)
Prerequisite: **None**
This course has an emphasis on verbal and written communication skills and the analysis of a variety of texts and follows a more challenging pace. Additional reading and related assignments may be required during the summer months prior to beginning this course. Students are required to take the End-of-Course (EOC) exam and be proficient (Level 3 or 4) to meet the graduation requirement for the Class of 2010 and beyond.

Occupational English II (10)
Prerequisite: **EC Identification and placement in the Occupational Course of Study, Occupational English I**
This course analyzes and employs effective communication strategies in both daily living and employment settings. Students learn standard rules of convention and syntax to give and request information. They read and comprehend a variety of functional texts.

English II (10)
Prerequisite: **English I**
This course focuses on written communication, especially informational writing and world literature, to build an appreciation of other cultures and their literary contributions and accomplishments. Writing emphasis will prepare students to take the NC Writing test.

Honors English II (10)
Prerequisite: **English I and/or Teacher Recommendation**
This course focuses on written communication, especially informational writing and world literature, to build an appreciation of other cultures and their literary contributions and accomplishments and follows a more challenging pace. Additional reading and related assignments may be required during the summer months before beginning this course. Writing emphasis will prepare students to take the NC Writing test.

Occupational English III (11)
Prerequisite: **EC Identification and placement in the Occupational Course of Study, Occupational English I, II**
Students taking this course will read, write, and orally express information required in a variety of daily living and employment settings. They identify main ideas and supporting information from print and non-print material. Students examine the speaking skills expected in a variety of settings and demonstrate effective oral communication in each.

English III (11)
Prerequisite: **English I, II**
This course includes a major emphasis on verbal and written communication skills and American literature.

Honors English III (11)
Prerequisite: **English I, II and/or Teacher Recommendation**
This course includes a major emphasis on verbal and written communication skills and American literature. It follows a more challenging pace. Additional reading and related assignments may be required during the summer months before beginning this course.

Occupational English IV (12)
Prerequisite: **EC Identification and placement in the Occupational Course of Study, Occupational English I, II, III**
Students taking this course will integrate oral, written and visual skills to communicate effectively in a variety of daily living and employment situations. They will use written communication for explanatory, argumentative, self-advocacy, and social purposes. Students will employ visual communication skills to locate and research information.

English IV (12)
Prerequisite: **English I, II, III**
This course requires students to explore expressive, expository, argumentative, and literary contexts, with a focus on British literature. The emphasis is on argumentation by developing a position of advocacy through reading, writing, speaking, listening, and using media.

Honors English IV (12)
Prerequisite: **English I, II, III and/or Teacher Recommendation**
This course requires students to explore expressive, expository, argumentative, and literary contexts, with a focus on British literature and an emphasis on argumentation, by developing a position of advocacy through reading, writing, speaking, listening, and using media. It follows a more challenging pace. Additional reading and related assignments may be required during the summer months before beginning this course.

Advanced Placement IV – Literature and Composition (12)
Prerequisite: **Honors English I, II, III and/or Teacher Recommendation**
This course is for students who want to undertake studies on a college level. The emphasis is on engaging students in the careful reading and critical analysis of imaginative literature along with deepening their understanding of the ways writers use language to provide both meaning and pleasure to readers. Additional reading and related assignments may be required during the summer months before beginning the course. This course meets the English IV graduation requirement. Students are required to take the AP exam.

ENGLISH ELECTIVES

Success 101 (9)
Prerequisite: **Teacher Recommendation**
This course is designed to provide additional basic skills assistance in reading, writing, and grammar to 9th graders before taking English I.

Structured Writing (10 – Fall)
Prerequisite: **Teacher Recommendation**
This course is designed for students who need additional help and practice in the writing process. Students will focus on organization, grammar, mechanics, and usage. Students will learn about a variety of writing styles while focusing on informational writing, in preparation for the high school writing test. This may be a required course for sophomores who had difficulty with writing in English I.

Creative Writing (9,10,11,12)
Prerequisite: **None**
This course is for students who want to develop skills and techniques for the creative writing of short fiction, poetry, and drama. This course can be taken twice for course credit.

Advanced Placement III – Language and Composition (11,12)
Prerequisite: **Honors English I, II, III and/or Teacher Recommendation**
This course is for students who want to undertake studies on a college level. The emphasis is on engaging students as skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts, and becoming skilled writers who compose for a variety of purpose. ***(This course does not meet the English III credit for graduation.)*** Students are required to take the AP exam.

MATHEMATICS

Most courses carry a weight of 4.0. Courses designated "Honors" carry a weight of 5.0. Courses designated "Advanced Placement" carry a weight of 6.0. All Advanced Placement (AP) courses have an exam which includes a fee.

Course levels are recommendations, but placement will be determined by the needs of the student based on EOG/EOC scores, teacher recommendations, and student performance in the prerequisite course(s).

Introduction to Mathematics (formerly Math Fundamentals) (9)
Prerequisite: **None**
This course will present fundamental ideas and develop skills to prepare the student for Introduction to Algebra. This course does not meet the state graduation requirements for math , but does meet a local unit of math.

Introduction to Algebra (9, 10)
Prerequisite: **None**
This course is designed to give students a strong foundation in skills and concepts necessary to be successful in Algebra. This course does not meet the state graduation requirements for math , but does meet a local unit of math.

Algebra I (9,10,11,12)
Prerequisite: **None**
This course is a study of rational numbers, relationships and functions, systems of linear equations, polynomials, quadratic equations, algebraic fractions, and radical expressions. Students will use graphing calculators to reinforce appropriate segments of this course. Students are required to take the End-of-Course (EOC) exam and be proficient (Level 3 or 4) to meet the graduation requirement for the Class of 2010 and beyond.

Geometry (9,10,11,12)
Prerequisite: **Algebra I**
Students should have a solid Algebra I background to be successful in this course. It engages students in the study of geometric proofs, general theorems, geometric constructions, and calculations of perimeters, and areas and volumes of geometric figures. Students are required to take the End-of-Course (EOC) exam and be proficient (Level 3 or 4) to meet local graduation requirements.

Honors Geometry (9, 10)
Prerequisite: **Algebra I**
This course is designed for the college bound student with a strong mathematical background who desires a rigorous, fast paced curriculum. Topics of study include, but are not limited to, coordinate geometry, area and perimeter of polygons, surface area and volume of solids, constructions, and proofs involving parallel lines, right congruent and similar triangles, special quadrilaterals, and circles. Students are required to take the End-of-Course (EOC) exam and be proficient (Level 3 or 4) to meet local graduation requirements.

College Math (10,11,12)
Prerequisite: **Algebra I**
This course is designed to benefit some college bound students who have weaknesses in math. It reinforces Algebra I concepts as well as provides an introduction to Algebra 2 concepts. This course does not meet the state graduation requirements for math under the Future-Ready Core Course of Study.

Algebra II (10,11,12)
Prerequisite: **Algebra I**
This course continues the study of basic concepts learned in Algebra I. It is designed for the student who has a solid Algebra I background. Students are required to take the End-of-Course (EOC) exam and be proficient (Level 3 or 4) to meet local graduation requirements.

Honors Algebra II (10,11)
Prerequisite: **Algebra I or Honors Algebra I**
This course is a rigorous, fast paced course that continues the study of Algebra I concepts. It is designed for the student who has a strong mathematical background and desires to take Advanced Placement Calculus. Students are required to take the End-of-Course (EOC) exam and be proficient (Level 3 or 4) to meet local graduation requirements.

Advanced Functions & Modeling (11,12)
Prerequisite: **Geometry or Honors Geometry and Algebra II or Honors Algebra II**
This course extends the concepts and skills developed in Algebra II and Geometry. It serves as a higher level math course beyond Algebra II and is for students desiring to complete the 4 units of math sequence required to attend a state accredited four-year university.

Pre-Calculus (10,11,12)
Prerequisite: **Geometry, Algebra II, or Honors Algebra II**
This course extends the concepts and skills developed in Algebra II and Geometry. It is a higher level of advanced math and integrates the state advanced math curriculum with standard pre-calculus concepts and language needed to take calculus and/or AP Calculus. This course carries a **5.0 weight**.

Calculus (11,12)
Prerequisite: **Pre-Calculus or Advanced Functions with teacher approval**
This course is designed primarily for those students who plan to major mathematics or science in college. Topics will include continuity, limits, differential and integral calculus, analytic geometry, and exponential and logarithmic functions. This course carries a **5.0 weight**. This course does not meet the minimum UNC entrance requirements.

Discrete Math (11,12)
Prerequisite: **Geometry or Honors Geometry, Algebra II or Honors Algebra II**
This course introduces students to the mathematics of networks, social choice, and decision-making. It extends students' applications of matrix arithmetic and probability. Applications and modeling are central to this course of study. This is an advanced course for students in preparation for AP Statistics.

AP Calculus AB (11,12)
Prerequisite: **Calculus**
This course is designed for those students who want to undertake studies on a college level. It emphasizes a multi-representational approach to calculus, with concepts, results, and problems being expressed graphically, numerically, analytically, and orally. Students are required to take the AP exam.

AP Calculus BC (12)
Prerequisite: **AP Calculus AB**
This course is designed for those students who want to undertake studies on a college level. The emphasis is on the building of concepts explored in AB and includes topics related to differentials, integrals, infinite series, convergence, divergence, parametric and differential equations. This course may be taken on-line, as an independent study course. Students must be self-motivated and willing to work independently. Students are required to take the AP exam.

AP Statistics (11,12)
Prerequisite: **Advanced Functions, or Pre-Calculus**
This course is designed for those students who want to undertake studies on a college level. The emphasis is on measures of central tendency, measures of variability, probability, and exploratory data analysis. This course may be taken on-line, as an independent study course. Students must be self-motivated and willing to work independently. Students are required to take the AP exam.

Technical Math I (10,11,12)
Prerequisite: **Algebra I**
This course is designed to prepare students to develop and refine practical mathematical skills that may be used in the workplace or in technical education at a two-year community college or technical school. Emphasis is placed on problem-solving techniques in real world situations. This course does not meet the state graduation requirements for math under the Future-Ready Core Course of Study.

Technical Math II (10,11.12)
Prerequisite: **Technical Math I**
This course extends practical mathematical skills learned in Technical Math I or Geometry. It is appropriate for students considering further study at a two-year college and usually taken by students in the College-Technical Preparatory course of study. This course does not meet the state graduation requirements for math under the Future-Ready Core Course of Study.

Occupational Mathematics I (9)
Prerequisite: **EC Identification and placement in the Occupational Course of Study**
This course continues the study of computation skills using whole numbers, decimals, fractions, and percents; financial management; time and measurement; independent living; and technology. Students will acquire these skills through hands-on approaches and cooperative learning with in the classroom and community.

Occupational Mathematics II (10)
Prerequisite: **EC Identification and placement in the Occupational Course of Study, Occupational Mathematics I**
This course continues the study of computation and the application of these skills for independent living and successful employment. More emphasis is placed on application and problem solving in the areas of financial management, reading and interpreting schedules, time and measurement, and independent living using technology, hands-on approaches, and cooperative learning.

Occupational Mathematics III (11)
Prerequisite: **EC Identification and placement in the Occupational Course of Study, Occupational Mathematics I, II**
Students in this course apply previously learned math skills in community and employment settings.

MATH ELECTIVES

Computerized Accounting II (11, 12)
Prerequisite: **Computerized Accounting I**
This course is designed to develop an in-depth knowledge of accounting procedures and techniques used in solving business problems and making financial decisions. This course may meet the Future-Ready Core Course of Study math requirement for some students.

SCIENCE

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Course levels are recommendations, but placement will be determined by the needs of the student based on EOG/EOC scores, teacher recommendations, and student performance in the prerequisite course(s).

Earth/Environmental Science (9,10,11,12)
Prerequisite: **None**
This course focuses on the function of the earth's systems, with an emphasis on matter, energy, environmental awareness, and the cycles of the earth's energy. An earth science credit is required for graduation.

Environmental/Ecological Science (11,12)
Prerequisite: **Biology**
This course will provide an introduction to major ecological concepts and the environmental problems that affect the world. It is a more advanced exploration into earth/environmental topics. This course fulfills the earth science graduation requirement if the seven NC competencies found in the standard course of study for earth/environmental (Class of 2004+) are taught. An earth science credit is required for graduation.

AP Environmental Science (11,12)
Prerequisite: **Biology, Chemistry**
This course is designed for students who want to undertake studies on a college level. It will provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems, both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for their resolution. This course fulfills the earth science requirement if the seven NC competencies found in the standard course of study for earth/environmental (Class of 2004+) are taught. Students are required to take the AP exam.

Introduction to Biological Sciences (9,10,11,12)
Prerequisite: **None**
This course gives students a preview of the important concepts in Biology. Through a variety of hands-on activities, students will strengthen their science inquiry skills. This course does not meet the state graduation requirements for science, but does meet a local unit of science credit.

Biology (9,10,11,12)
Prerequisite: **None**
This course studies molecules of life, cells, genetics, animals, plants, and ecology, with an emphasis on the world around us. Students are required to take the End-of-Course (EOC) exam and must be proficient (Level 3 or 4) to meet the graduation requirement for the Class of 2010 and beyond.

Honors Biology (9,10)
Prerequisite: **None**
This course studies molecules of life, cells, genetics, animals, plants and ecology, with an emphasis on the world around us. This course will follow a more rigorous pace and may require additional readings and related assignments. Students are required to take the End-of-Course (EOC) exam and be proficient (Level 3 or 4) to meet the graduation requirement for the Class of 2010 and beyond.

Honors Biology II (11,12)
Prerequisite: **Biology or Honors Biology I, Chemistry**
This course is for the student who is interested in pursuing more study of the concepts related to biology. Students will pursue individual research on such topics as cellular biology, plants, animals, and human biology. This course will follow a more rigorous pace and may require additional readings and related assignments.

AP Biology (11,12)
Prerequisite: **Honors Biology II, Chemistry**
This course is designed for students who want to undertake studies on a college level. It will provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. Students are required to take the AP exam.

Marine Biology (11,12)
Prerequisite: **Biology**
This course will explore the study of organisms that live in the sea. Topics covered will include: oceanography, characteristics of phyla of marine organisms, and marine ecology.

Anatomy/Physiology (11,12)
Prerequisite: **Biology**
This course is for students interested in health related careers and will follow a more challenging pace. The make-up and functions of the human body systems are covered.

Honors Anatomy/Physiology (11,12)
Prerequisite: **Biology**
This course is for students interested in health related careers and will follow a more challenging pace. The make-up and functions of the human body systems are covered. This course will follow a more rigorous pace and may require additional readings and related assignments

Zoology (11,12)
Prerequisite: **Biology**
This course explores the world's animal populations, phyla, behaviors, anatomy, and relationships within the earth's ecosystem. It prepares students for life science careers, in anatomy, physiology and animal husbandry.

Kinesiology (10,11,12)
Prerequisite: **Biology**
This course allows students to explore the study of muscles as they are involved in the science of movement. Topics covered include: anatomy, exercise physiology, and the study of physical activity, as it relates to the body.

Physical Science (9,10,11,12)
Prerequisite: **Algebra I**
This course is a combination of physics and chemistry, including atomic theory. It is typically selected by students who either need extra help before taking chemistry or who are not planning to take chemistry and are using this course to fulfill the physical science graduation requirement. Students are required to take the End-of-Course (EOC) exam and be proficient (Level 3 or 4) to meet local graduation requirements. A physical science credit is required for graduation.

Chemistry I (10,11,12)
Prerequisite: **Algebra I, Geometry**
This course studies the fundamentals of chemistry, stressing nomenclature, atomic structures, and mathematical concepts related to chemistry. Chemistry includes classroom and laboratory work in the following topics: nomenclature, composition/changes of matter, scientific measurements, atomic structure, solutions, energy changes, acid-base relationships, oxidation-reduction, and nuclear chemistry. This course meets the physical science credit required for graduation.

Honors Chemistry I (10,11,12)
Prerequisite: **Algebra I, Geometry**
This course is designed for students who plan to pursue a post-high school physical science career. This course includes classroom and laboratory work in the following major topics: nomenclature, composition/changes of matter, scientific measurements, atomic structure, solutions, energy changes, acid base relationships, oxidation-reduction, and an introduction to nuclear chemistry and organic chemistry. This course will follow a more rigorous pace and may require additional readings and related assignments This course meets the physical science credit required for graduation.

Chemistry II (11,12)
Prerequisite: **Chemistry, Algebra II**
This course begins with a review of chemistry and continues with topics not covered in beginning science courses. The course prepares students for pursuing careers in engineering, pharmacy, chemistry, and health. Topics covered include equilibrium concepts, molecular geometry, bonding theories, electrochemistry, and basic concepts of organic chemistry, biochemistry, and nuclear chemistry.

Honors Chemistry II (11,12)
Prerequisite: **Honors Chemistry, Algebra II**
This course is designed to be equivalent to a first semester college general chemistry course. It provides opportunities to explore in-depth atomic structure, periodicity, redox reactions, and kinetic theory of gases. Students are expected to conduct extensive independent lab work and delve into independent chemical research. This course will follow a more rigorous pace and may require additional readings and related assignments.

AP Chemistry (11,12)
Prerequisite: **Honors Chemistry II**
This course is designed for students who want to undertake studies on a college level. This course will provide students with the opportunity to attain an in-depth understanding of fundamentals and a reasonable competence in dealing with chemical problems. This course will emphasize chemical calculations and the mathematical formulation of principles, and laboratory work, unlike the first year chemistry course taken in high school. Students are required to take the AP exam.

Physics (11,12)
Prerequisite: **Algebra II, Chemistry**
This course is a study of the physical world, especially energy and matter and how they are related. Topics include motion, forces, mechanical energy, thermal energy, waves, electricity, and magnetism. This is an algebra-based course.

Honors Physics (11,12)
Prerequisite: **Algebra II, Chemistry, Concurrent enrollment in an advanced math course**
This course covers an in-depth study of the following topics; energy, motion, heat, light, work, mechanics, component and concurrent forces, vectors, sound, optics, waves, and electricity. This course includes lab activities and discussions. This course will follow a more rigorous pace and may require additional readings and related assignments.

AP Physics (11,12)
Prerequisite: **Physics or Honors Physics, Pre-Calculus or a Co-requisite**
This course is an advanced study of the physical world, especially energy and matter and how they are related. Depending on placement test results, it may be accepted by a college as an introductory course credit. AP Physics B is a broad, algebra based course for a non physical science major. AP Physics C is a narrow, calculus-based course for a physical science or engineering major. Students are required to take the AP exam.

Forensic Science (11,12)
Prerequisite: **Biology & Chemistry**
This course is an applied science, using principles from the core sciences to solve crimes. Students will investigate toxicology, microscopy, criminology, forensic anthropology, forensic history, the criminal mind, document examination, and forensic investigation. It will also include: case studies, analysis of crime fiction and writing, and field trips/and/or guest lectures.

Occupational Life Skills Science I (9,10,11,12)
Prerequisite: **EC Identification and placement in the Occupational Course of Study,**
This course is designed to provide students with the knowledge necessary to practice safety in all areas of life and maintain a healthy lifestyle. Students will also receive instruction in the provision of first aid and accessing medical care. Students will have opportunities to apply skills to various situations within the home, community and workplace.

Occupational Life Skills Science II (9,10,11,12)
Prerequisite: **EC Identification and placement in the Occupational Course of Study, Occupational Life Skills Science I**
Students will develop basic, functional knowledge of science concepts in the areas of earth science, environmental science, and physical science. Students will also develop skills in the area of healthy relationships. Students will have the opportunity to apply science-based concepts to daily living situations in the home, community, and workplace.

SCIENCE ELECTIVES

(These will meet the 4th Science credit required by the Rowan-Salisbury School System.)

Animal Science II* (11,12)
Prerequisite: **Animal Science I**
This course covers instruction expanding upon the scientific knowledge and skills attained in Animal Science I. Topics include animal waste management, animal science economics, decision-making, and global concerns in the industry, genetics, and breeding.

Allied Health Sciences II* (12)
Prerequisite: **Allied Health Sciences I, Application required**
This course is designed to prepare potential health care workers to become effective and efficient multi-skilled health team members. Emphasis is placed on the development of proficiency in employability skills, emergency care skills, safety skills, clerical skills, and health care skills. The work-based component is a minimum 90-hour clinical internship where student interns deliver health care in local hospitals, medical/dental/veterinarian/office, nursing/convalescent/retirement facilities, wellness centers, etc. **The student is responsible for his/her own transportation and uniforms. A government issued identification with a picture is required. Student is responsible for the Certified Nurse Aid (CNA) exam fee, if he/she chooses to take the exam. This is a 2 block course. Course credit is not earned until both blocks are successfully completed. 2 units**

Horticulture II* (11,12)
Prerequisite: **Horticulture I**
This course expands the scientific knowledge and skills developed in Horticulture I to include more advanced scientific, computation, and communications skills needed in the horticulture industry. Topics include greenhouse plant production and management, bedding plant production, watering systems, light effects, basic landscape design, installation and maintenance, lawn and turf grass management, career planning, and leadership/personal development.

Horticulture II* Honors (11,12)
Prerequisite: **Horticulture I**
Horticulture II Honors is a technical course designed to expand students' knowledge in specific principles and processes related to horticulture. Topics include greenhouse plant production and management, bedding plant production, watering systems, light effects, basic landscape design, installation and maintenance, lawn and turf grass management, career planning, and leadership/ personal development.

SOCIAL STUDIES

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Course levels are recommendations, but placement will be determined by the needs of the student based on EOG/EOC scores, teacher recommendations, and student performance in the prerequisite course(s).

World History (9)
Prerequisite: **None**
This course includes a broad survey of world civilizations and the impact the cultures have had on society. World History is a graduation requirement and is recommended for all 9th graders.

Civics/Economics (10)
Prerequisite: **None**
This course is designed to introduce the operations of the nation's economic, legal, and political systems. Students are required to take the End-of-Course (EOC) exam and be proficient (Level 3 or 4) to meet the graduation requirement for the Class of 2010 and beyond.

Honors Civics/Economics (10)
Prerequisite: **None**
This course is designed to introduce the operations of the nation's economic, legal, and political systems and will follow a more challenging pace. Students are required to take the End-of-Course (EOC) exam and be proficient (Level 3 or 4) to meet the graduation requirement for the Class of 2010 and beyond. This course will follow a more rigorous pace and may require additional readings and related assignments

US History (11. 12)
Prerequisite: **Civics/Economics**
This course is a survey of the historical development of the United States from the beginning to the present. Students are required to take the End-of-Course (EOC) exam and be proficient (Level 3 or 4) to meet the graduation requirement for the Class of 2010 and beyond.

Honors US History (11,12)
Prerequisite: **Civics/Economics**
This course is a survey of the historical development of the United States from the beginning to the present and will follow a more challenging pace. Students are required to take the End-of-Course (EOC) exam and be proficient (Level 3 or 4) to meet the graduation requirement for the Class of 2010 and beyond. This course will follow a more rigorous pace and may require additional readings and related assignments

AP US History (11,12)
Prerequisite: **Civics/Economics**
This course is designed for students who want to undertake studies on a college level. It teaches students to analyze evidence and interpretations presented in historical scholarship. It uses themes designed to encourage students to think conceptually about the American past and to focus on historical change over time. Students are required to take the End-of-Course (EOC) exam and be proficient (Level 3 or 4) to meet the graduation requirement for the Class of 2010 and beyond. Students are also required to take the AP exam.

Geography in Action (10,11,12)
Prerequisite: **None**
This course will examine tourism as a geographic phenomenon of global, national, and local importance. It will assist students in identifying where tourism development takes place, the different types of tourism, and how and why tourism affects people and places throughout the world.

Contemporary Law & Justice (10,11,12)
Prerequisite: **None**
This course is the study of the legal, judicial, law enforcement, and corrections systems of the United States. Students will examine problems within the legal and justice systems.

African-American Studies (9,10,11,12)
Prerequisite: **None**
This course is the study of the African-American cultures and the influences they have upon the world. Emphasis is on the social, economic, political, cultural, and geographical characteristics of the African-American civilizations.

American Indian Studies (9,10,11,12)
Prerequisite: **None**
This course introduces students to the diverse history and culture of Native Americans, beginning with life before Columbus. Important issues Native Americans have faced from prehistoric societies to present-day contemporary society are discussed. Students immerse themselves in America's oldest and continuous civilizations and cultures with a focus on Native Americans of North Carolina.

Chinese History & Culture (10, 11)
Prerequisite: **None**
This course introduces students to Chinese history, geography, culture, and government. Students will also explore the role of Modern China in the "global economy".

Contemporary Studies (11,12)
Prerequisite: **None**
This course will examine current events as a means to understanding the economic, sociological, political, geographical, and historical situations of the United States, and their affect on international affairs.

Sociology & Psychology (11,12)
Prerequisite: **None**
Sociology is the study of the history, development, organization, and problems of people living together in social groups. Psychology will include the study of personal psychological growth, with the emphasis on understanding self and others.

Bible History I (9,10,11,12)
Prerequisite: **None**
This course surveys the Old Testament, as well as Israel's beginnings, early religions and government, the church's beginnings, and its strongest leaders.

Bible History II (10,11,12)
Prerequisite: **None**
This course surveys the Old Testament, as well as Israel's greatest kings, related Bible literature, and growth of the early Christian church, and the book of Revelations.

Bible History III (11,12)
Prerequisite: **None**
This course surveys the captivity and restoration of the Nation of Israel, related Bible literature, and the Old Testament prophets.

Bible History IV (12)
Prerequisite: **None**
This course is a study of the Old Testament and the different types of literature in the Bible, such as parables and poetry.

Military Science I (9,10,11,12) JROTC
Prerequisite: **None**
This course is designed for students who desire to develop their leadership potential, physical fitness, speaking and writing skills, self-discipline, and self-reliance.

Military Science II (10,11,12) JROTC
Prerequisite: **Military Science I**
This course includes a more advanced, in-depth study of the ethical values and principles that underlie good citizenship, including integrity, responsibility, and respect for constituted authority. Students who demonstrated advanced leadership and communications skills will be appointed to junior command and staff position, with appropriate promotion to high cadet rank.

Military Science III (11,12) JROTC
Prerequisite: **Military Science I,II**
This course includes advanced studies and practical application in the academic subjects begun in Military Science I and II, with a review of the history and organization of the US Army, as well as the Army's role in civil functions. Students who demonstrated advanced leadership and communications skills will be appointed to junior command and staff position, with appropriate promotion to high cadet rank.

Honors Military Science III (10, 11,12) JROTC
Prerequisite: **Minimum 3.5 GPA in JROTC Courses, Minimum 3.0 GPA overall, JROTC Instructor Approval**
This course includes advanced studies and practical application in the academic subjects begun in Military Science I and II, with a review of the history and organization of the US Army, as well as the Army's role in civil functions. Students who demonstrated advanced leadership and communications skills will be appointed to junior command and staff position, with appropriate promotion to high cadet rank. Students are required to establish a leadership journal, as a personal portfolio and accomplish a major research project, with a written report and formal presentation.

Military Science IV (12) JROTC
Prerequisite: **Military Science I,II,III, Selection by JROTC Instructors**
This course consists of individual studies, seminar leaderships and management, and practical application of all academic and leadership subjects studied in Military Science I, II, III.

Honors Military Science IV (12) JROTC
Prerequisite: **Minimum 3.5 GPA in JROTC Courses, Minimum 3.0 GPA overall, JROTC Instructor Approval**
This course includes advanced studies and practical application in the academic subjects begun in Military Science I and II, with a review of the history and organization of the US Army, as well as the Army's role in civil functions. Students who demonstrated advanced leadership and communications skills will be appointed to junior command and staff position, with appropriate promotion to high

cadet rank. Students are required to establish a leadership journal, as a personal portfolio and accomplish a major research project, with a written report and formal presentation.

Advanced Military Science (11,12) JROTC
Prerequisite: **Military Science I,II,III,IV**
This course includes the following: Open Water Diver Certification and Advanced Open Water Diver Certification: Part I (Scuba Diving = 1 unit with lab) Part II (Advanced Scuba Diving 9306 = 1 unit) This is a dual high school and UNC system credit course sequence (See your JROTC instructor for details.)

AP American Government/Politics (11,12)
Prerequisite: **Civics and Economics**
This course is designed for students who want to undertake studies on a college level. It will introduce students to the analysis and interpretation of data relevant to comparative government and politics. Students are required to take the AP exam.

AP European History (11,12)
Prerequisite: **World History**
This course is designed for students who want to undertake studies on a college level. It will teach students to analyze evidence and interpretations presented in historical scholarship. Students are required to take the AP exam.

AP Psychology (11,12)
Prerequisite: **None**
This course is designed for students who want to undertake studies on a college level. It will teach students ethics and research methods used in psychological science and practice. This course may be taken on-line, as an independent study course. Students must be self-motivated and willing to work independently. Students are required to take the AP exam.

AP Macroeconomics/Microeconomics
Prerequisite: **Civics/Economics**
This course is designed for students who want to undertake studies on a college level. It promotes the understanding of the principles of economics. This study provides students with the knowledge and decision making tools necessary for understanding how a society must organize limited resources to satisfy its limited wants. This course is an on-line year-long course. Students must be self-motivated and willing to work independently. Students are required to take the AP exam.

NC Teacher Cadet I (11,12)
Prerequisite: **GPA of at least 3.0, recommendation from 5 teachers, a written essay and interview.**
This course is for students desiring to pursue a teaching career. The focus is on developing the aptitude to perform as a dynamic teacher. Shadowing and assisting an assigned mentor with teacher issues are fundamental to the exploration of the more practical applications of teaching. Educational methodology, pedagogy, and teaching techniques will be emphasized.

NC Teacher Cadet II (11,12)
Prerequisite: **Teacher Cadet I, GPA of at least 3.0, recommendation from 5 teachers, a written essay and interview.**
This course is for students desiring to pursue a teaching career. The focus is on developing the aptitude to perform as a dynamic teacher. Educational methodology, pedagogy, and teaching techniques will be emphasized. Extensive field experiences will be required at the elementary, middle, and high levels. This course carries a **5.0 weight**.

Occupational Social Studies I (9,10,11,12)
Prerequisite: **EC Identification and placement in the Occupational Course of Study,**
The Standard Course of Study for this course is under revision by the state.

Occupational Social Studies II (9,10,11,12)
Prerequisite: **EC Identification and placement in the Occupational Course of Study, Occupational Social Studies I**
The Standard Course of Study for this course is under revision by the state.

SECOND LANGUAGE

Most courses carry a weight of 4.0. Courses designated "Honors" carry a weight of 5.0. Courses designated "Advanced Placement" carry a weight of 6.0.

Course levels are recommendations, but placement will be determined by the needs of the student based on EOG/EOC scores, teacher recommendations, and student performance in the prerequisite course(s).

Spanish I (9,10,11,12)
Prerequisite: **None**
This course for beginners stresses the four languages skills: listening, speaking, reading, and writing. Cultural and historical material is integrated to increase student understanding of the Spanish culture.

Spanish II (10,11,12)
Prerequisite: **Spanish I**
This course begins with a review of the material learned in Spanish I and offers further study in language structure and in conversational skills. The continued study of the Spanish culture is also included.

Spanish III (11,12)
Prerequisite: **Spanish I, II**
This course is an in-depth study and application of the skills taught in Spanish I and II. Students will focus on speaking more fluently. Literature and history are also included. This course carries a **5.0 weight**.

Spanish IV (12)
Prerequisite: **Spanish I, II, III**
This course is an extension of Spanish III. Students will develop skills related to reading, writing, and comprehension. Literary, historical, and cultural publications will be used. This course carries a **5.0 weight**.

AP Spanish-Literature (12)
Prerequisite: **Spanish I, II, III, IV**
Advanced Placement Spanish is designed for students who want to undertake studies on a college level. It is designed to introduce students to the formal study of a representative body of Peninsular and Latin American literary texts. Students are required to take the AP exam.

AP Spanish-Language (12)
Prerequisite: **Spanish I, II, III, IV**
Advanced Placement Spanish is designed for students who want to undertake studies on a college level. It provides students with regular opportunities, in class or in a language laboratory, to develop

their speaking skills in a variety of settings, types of discourse, topics, and registers. Students are required to take the AP exam.

French I (9,10,11,12)
Prerequisite: **None**
This course stresses the four language skills: listening, speaking, reading, and writing. Through the whole language approach, students study vocabulary, grammar, and sentence structure. Cultural and historical material is integrated into the course to increase student understanding of the French culture.

French II (10,11,12)
Prerequisite: **French I**
This course begins with a review of the material learned in French I and offers further study in language structure and in conversational skills. The continued study of the French culture is also included.

French III (11, 12)
Prerequisite: **French I, II**
This course is an in-depth study and application of the skills taught in French I and II. Students will focus on speaking more fluently. Literature and history are also included. This course carries a **5.0 weight**.

French IV (12)
Prerequisite: **French I, II, III**
This course is an extension of French III. Students will develop skills related to reading, writing, and comprehension. Literary, historical, and cultural publications will be used. This course carries a **5.0 weight**.

AP French (12)
Prerequisite: **French I, II, III, IV**
This course is designed for students who want to undertake studies on the college level. It provides students with regular opportunities, in class or in a language laboratory, to develop their speaking skills in a variety of settings, types of discourse, and topics. Students are required to take the AP exam.

Latin I (9,10,11,12)
Prerequisite: **None**
This course focuses on the structure of the Latin language. The student also becomes familiar with the customs, literature, and history of Rome, through the translation of short Latin passages.

Latin II (10,11,12)
Prerequisite: **Latin I**
This course offers further study in Latin grammar and translation. The influence of Rome and the Latin language on our language and culture is examined.

Latin III (11,12)
Prerequisite: **Latin I, II**
This course is a survey of Latin I literature by ancient authors. Emphasis is on translation, using skills acquired in Latin I and II. This course carries a **5.0 weight**.

Latin IV (12)
Prerequisite: **Latin I, II, III**
This course is an extensive extension of Latin literature by ancient authors. This course carries a **5.0 weight**.

AP Latin (12)
Prerequisite: **Latin I, II, III, IV**
This course is designed for students who want to undertake studies on a college level. The basic objective is progress in reading, translating, understanding, analyzing, and interpreting original Latin. Students are required to take the AP exam.

Mandarin Chinese (10, 11)
Prerequisite: **None**
This course is designed to give students basic listening, speaking, reading, and writing skills. Culture is also presented to help students understand the content of the language and to better understand the perspective of the Mandarin Chinese Language

Additional second language courses may be offered if qualified teachers are employed and student interest is present.

HEALTHFUL LIVING

All courses carry a weight of 4.0. All PE courses beyond Health and Physical Education may have additional fees.

Health & Physical Education (9,10,11,12)
Prerequisite: **None**
This course is designed to develop mentally and physically healthy citizens. Physical fitness components in the Standard Course of Study will be included in this course. It is a requirement for graduation.

Introduction to Sports Medicine (10,11,12)
Prerequisite: **Health and Physical Education**
This course is designed to introduce the field of prevention, care, and rehabilitation of athletic injuries to the student interested in sports medicine. Practical application will be undertaken through the athletic program.

Individual/Team Sports (10,11,12)
Prerequisite: **Health and Physical Education**
This course is designed to develop leadership and social skills through group sports activities and individual sports that may become lifetime activities.

Aerobics (10,11,12)
Prerequisite: **Health and Physical Education**
This course is designed for students who are interested in maintaining physical fitness through dance steps and aerobic exercises set to music. Emphasis will be placed on controlling body weight and body fat, achieving flexibility, and strengthening the cardiovascular system.

Women's Physical Fitness (10,11,12)
Prerequisite: **Health and Physical Education**
This course stresses coordination of body and mind as the individual pursues a plan designed to meet her personal goals. The student will learn proper techniques for weight lifting, flexibility exercises and quickness drills.

Men's Physical Fitness (10,11,12)
Prerequisite: **Health and Physical Education**
This course stresses coordination of body and mind, as the individual pursues a plan designed to meet his personal goals. The student will learn proper techniques for weight lifting, flexibility exercises, and quickness drills.

Lifetime Recreational Sports (11,12)
Prerequisite: **Health and Physical Education**
This course is designed to develop leadership and social skills, through individual recreational sports that may become lifetime activities.

ARTS EDUCATION

Most courses carry a weight of 4.0. Courses designated "Honors" carry a weight of 5.0. Courses designated "Advanced Placement" carry a weight of 6.0. All Advanced Placement (AP) courses have an exam which includes a fee.

Course levels are recommendations, but placement will be determined by the needs of the student based on teacher recommendations and student performance in the prerequisite course(s). Honors Arts Courses are designed for students who are prepared for advanced work, rigorous academic study, and practical application. To enroll in an Honors Arts course, the student must have received credit for Level I and Level II of the course. Students may only receive credit for an individual honors course one time. A student may receive credit for only two honors courses within an individual subject area (band, choral arts, theatre, dance, or visual arts). ****All Visual Arts courses, except for Visual Arts I, have a fee.***

VISUAL ARTS

Visual Art I (9,10,11,12)
Prerequisite: **None**
This course helps the beginning student develop skills in areas of visual art, which may include pen and ink, painting, graphics, and sculpture. Art appreciation and basic art history are included.

Visual Art II (10,11,12)
Prerequisite: **Visual Art I**
This course provides an opportunity to explore in-depth projects and media, which were studied in Art I. Students are encouraged to develop specific interests and skills on an independent basis. Study in art appreciation and art history will be expanded.

Visual Art III (11,12)
Prerequisite: **Visual Art I,II**
This course offers the student the opportunity to explore, in-depth, two or three-dimensional art forms and concentrate on a selected medium.

Visual Art IV (11, 12)
Prerequisite: **Visual Art I,II,III**
This course is a continuation of Visual Art III.

Honors Studio Art A (11, 12)
Prerequisite: **Visual Art I,II,III, IV**
This course is an advanced level course and involves more in-depth knowledge of processes, media, and history. Students will explore and expand vocabulary and terminology of specific artists and promote the ability to illustrate concepts, techniques, etc., while demonstrating greater mastery of skills and processes.

Honors Studio Art B (12)
Prerequisite: **Honors Studio Art A**
This course builds on the knowledge and skills developed in Honors Studio Art A. It is an advanced level course and involves more in-depth knowledge of processes, media, history, and the development of such. It expands the use of appropriate vocabulary and terminology. Students will demonstrate greater mastery of skills and processes.

Advanced Placement Studio Art (11,12)
Prerequisite: **Interview with instructor**
The course emphasizes making art as an ongoing process that involves the student in informed and critical decision-making. It is for the student who has done well in previous art courses. There will be a requirement of approximately twenty pieces of artwork, along with written commentaries. This course may be taken on-line, as an independent study course. Students must be self-motivated and willing to work independently. Students are required to take the AP exam.

Folk Art: Material Culture (9, 10, 11, 12)
Prerequisite: **None for the 1st year student.**
This course is designed to offer a study of traditional and contemporary arts and crafts. Students will explore pottery making, painting, and other folk art techniques. Primary emphasis will be 3-D projects. This course may be repeated for additional credit with teacher approval.

CHORUS

Vocal Music I (9,10,11,12)
Prerequisite: **None**
This course is for a large group of beginning and intermediate male and female singers in grades 9-12. Beginning to intermediate vocal and sight-reading techniques are stressed with emphasis placed on tonal control and choral balance. Performance opportunities are provided.

Vocal Music II (9,10,11,12)
Prerequisite: **Teacher approval**
This course is for students who want to pursue music at an intermediate level. The program builds on the experience and the achievement in Vocal I. Increased difficulty of literature, greater refinement of singing technique, and expression are features of this offering. Highlights will include concerts, contests, and other musical productions.

Vocal Music III (10,11,12)
Prerequisite: **Teacher approval**
This course is for advanced and serious-minded singers who wish to work on their musical skills at the most advanced level, vocally and in theory. Performance opportunities are required.

Vocal Music IV (10,11,12)
Prerequisite: **Teacher approval**
This course is for advanced and serious-minded singers who wish to continue work on their musical skills at the most advanced level, vocally and in theory. Performance opportunities are required.

Choral Arts II (11,12)
Prerequisite: **Teacher approval**
This course is designed for the more mature voice along with well-developed vocal technique and tone quality. It includes four-part singing (SATB) and introduction to sight singing. Music ranges from "pop" to classical and from Renaissance to contemporary. Performances in the fall and spring choral concerts offer an opportunity to gain experience in public performances.

Choral Arts III Honors (11,12)
Prerequisite: **Teacher approval**
This course is designed for the more mature voice along with well-developed vocal technique and tone quality. It includes four-part singing (SATB) and introduction to sight singing. Music ranges from "pop" to classical and from Renaissance to contemporary. Performances in the fall and spring choral concerts offer an opportunity to gain further experience in public performances.

Honors Vocal Music A (11,12)
Prerequisite: **Audition**
This course is intended to challenge students to discover higher levels of ability in vocal musical interpretations. Through analysis and the study of history, using appropriate musical vocabulary and symbols, students will develop an appreciation of an understanding of music in relation to styles of music, musical periods, composers, and various cultures. Students will demonstrate advanced proficiencies in performance, conducting, listening, appreciation, history, analyzing, and research, culminating in written reports.

Honors Vocal Music B (11,12)
Prerequisite: **Audition**
This course is the highest level of the vocal music program and is intended to integrate a variety of perceptions through the interpretation and performance of solo and ensemble music. It provides a means for student expression. Through analysis and the study of history, using appropriate musical vocabulary and symbols, students will develop an appreciation of and an understanding of music in relation to styles of music, musical periods, composers, and various cultures. Students will demonstrate advanced proficiencies in performance, conducting, listening, appreciation, history, analyzing, and research, culminating in written reports.

AP Music Theory (11,12)
Prerequisite: **Teacher Referral**
This course is a college-level course designed for the study of musical structure, emphasizing melodic, harmonic, textual, rhythmic, and formal aspects. Ability to read and write musical notation is fundamental. Analysis of scores, sight-singing, keyboard harmony, and elementary composition, based on the major-minor tonal system, are stressed. Students are required to take the AP exam.

Show Choir (11,12)
Prerequisite: **Musical Audition**
This course is an auditioned, extra curricular musical ensemble. Any student involved in the choral program is able to audition in the fall for this yearlong performing group. Show Choir is a singing and dancing musical ensemble, which performs in major concerts throughout the year, learning music and dances of various styles and genres. Once selected by audition for inclusion in Show Choir, this ensemble may be repeated for credit at the director's approval. **Credit .5**

BAND

Fall Band I or Spring Band I (9)
Prerequisite: **Middle School Band preferred**
This course concentrates on previous music experiences and is designed to develop the skills of performance to the highest possible level. The content of the course covers the literature of various styles periods and instrumental form, development of a concept of interpretation, music reading, basic music theory, interpretative marking, and nomenclature found in band literature. Attendance for out-of class rehearsals and performances, marching or concert, is viewed as the extension of the classroom and is required.

Fall Band II or Spring Band II (10)
Prerequisite: **Band I**
This course is designed for those students who have attained performance skills and want to develop a greater degree of music responsiveness through rehearsals and performances. Special emphasis is placed on continued development of performance skills, sight-reading ability, and interpretive skills. Attendance at out-of class rehearsals and performances, marching or concert, is viewed as the extension of the classroom and is required.

Fall Band III or Fall Honors Band III (11)
Spring Band A or Spring Honors Band A (11)
Prerequisite for Band III: **Band I, II, Teacher audition and recommendation**
Prerequisite for Honors Band III: **Band I, II, Teacher audition and recommendation**
This course continues to build on the comprehensive music education students have received in Band I and II. It provides a foundation for advanced proficiencies in performance, conducting, listening, appreciation, history, analyzing, composing, the use of current technology, and research, culminating in written reports.

Fall Band IV or Fall Honors Band A (12)
Spring Band IV or Spring Honors Band B (12)
Prerequisite: **Band I, II, Teacher audition and recommendation**
Prerequisite for Honors Band A/B: **Band I, II, Teacher audition and recommendation**
This course continues to build on the comprehensive music education students have received in Band I, II and III. It provides a foundation for advanced proficiencies in performance, conducting, listening, appreciation, history, analyzing, composing, the use of current technology, and research, culminating in written reports.

Marching Band (Fall only) (9,10,11,12)
Prerequisite: **Middle School Band**
This course is designed for those schools that have after school marching rehearsals. Attendance at marching rehearsals, football games, parades, or marching contests is the main requirement for this course. Marching rehearsals begin before the opening of school. Students who are chosen for flag squad or majorette are required to register for this course also. Class meetings for this course are after school rehearsals, football games, parades, or any other performance required by the band director. Contact hours for this semester course are the same as for a regular class period. **Credit .5**

Jazz Band (9,10,11,12)
Prerequisite: **Audition**
This course is designed to acquaint the student with the style and structure of jazz music through performances. Rehearsals emphasize the development of such skills as note reading, chord reading, and improvisation. Students are expected to develop a working knowledge of jazz artists and ensembles and to become acquainted with the development of jazz music. Students are required to attend out-of-school rehearsals and performances.

Small Ensemble (9,10,11,12)
Prerequisite: **Audition**
This course is designed for band students interested in expanding their knowledge of music for specific instruments. Theses ensembles may include woodwind/brass/percussions, trios, quartets, and quintets. Music ranging from classical to modern is performed. Performance for ensemble competitions and concerts is required.

PERFORMING ARTS

Dance I (9,10,11,12)
Prerequisites: **None**
This course explores movement as a creative art form. It develops an understanding of basic dance technique and vocabulary. Students study dance elements, various cultures, dance history, anatomy, choreography, and performance. This process develops greater self-discipline and confidence.

Dance II (10,11,12)
Prerequisites: **Dance I**
Dance II builds on the skills and techniques learned in Dance I. This is an advanced study of dance techniques and vocabulary. Dancers develop unique choreographic style through in-depth study of

specific styles in modern dance. Students advance technical/theatrical skills of performance through formal presentations.

Dance III (10,11,12)
Prerequisites: **Dance I,II**
Intermediate technical skills and aesthetic awareness are developed through more challenging dance technique and choreography classes. Students analyze and evaluate the impact of dance, create meaningful dance compositions, and maintain a portfolio containing visual examples of their work. Appropriate attire is required. Participation in after-school rehearsals and performances is required.

Honors Dance III (10,11,12)
Prerequisites: **Dance I,II and Teacher Recommendation**
Students who have demonstrated a serious commitment and advanced skills in the art of dance are eligible for Dance III at the honors level. Success at the honors level requires rigorous study, excellence in technical performance, and deep aesthetic awareness. Appropriate attire is required. Participation in after-school rehearsals and performances is required.

Dance IV (11,12)
Prerequisites: **Dance I,II,III**
This course emphasizes an advanced level of technique; refinement of skills as both choreographer and performer, assessment of personal fitness; development of personal goals; dance history; integration of dance history; integration of dance and other content areas; and choreographic evaluation. Appropriate attire is required. Participation in after-school rehearsals and performances is required. Students continue to maintain portfolio containing visual examples of work.

Honors Dance IV 11,12)
Prerequisites: **Dance I,II, Honors Dance III and Teacher Recommendation**
Students who have demonstrated a serious commitment and advanced skill in the art of dance are eligible to take Dance IV at the honors level. Along with extensive technique classes, students present their own choreography for review by their peers and teacher. Success at the honors level requires rigorous study, excellence in technical performance, and deep aesthetic awareness. Appropriate attire is required. Participation in after-school rehearsals and performances is required.

Independent Study Dance (11,12)
Prerequisites: **Dance I**
The student works independently in a special area of concentration, selected by the student, with the dance teacher's approval. A student must have a sponsoring teacher, and must have arranged a program of study before registering for this course.

Tap I (9,10,11,12)
Prerequisites: **None**
This course develops an understanding of basic tap vocabulary and technique. Tap history, choreography, and performance are included. This process develops greater self-discipline and confidence.

Improvisation (11,12)
Prerequisites: **Dance I,II and Teacher Recommendation**
This course offers students a deep exploration of movement which acts to extend their choreographic vocabulary for dance composition. It also offers the opportunity to develop sensitivity working with groups in instant "performance" situations.

Theatre Dance (11,12)
Prerequisites: **Dance I**
A variety of dance and related elements such as character dance, acting for the dancer, and jazz are explored. This experience broadens the dancer's vocabulary and provides choreographic materials and promotes open-mindedness and discovery.

Theatre Arts I (9,10,11,12)
Prerequisites: **None**
Designed as a survey course in the fundamentals of drama, acting techniques, improvisation, terminology, history, and stagecraft of theatre. There will be some play production. Inherent in this process is the development of self-discipline and greater self-confidence. Participation in all scheduled rehearsals and performances is required.

Theatre Arts II (10,11,12)
Prerequisites: **Theatre I**
Emphasis is placed on rehearsal, production, and performance of various types of drama. Specific instruction on stage makeup, lighting, stage crafts, and costuming will be given. Participation in all scheduled rehearsals and performances is required.

Theatre Arts III (11,12)
Prerequisites: **Theatre Arts I,II**
This course provides intensive acting study for the advanced theatre student. Students refine character development, vocal expression, and improvisation skills. Participation in after-school rehearsals and performances is required.

Honors Theatre Arts III (10,11,12)
Prerequisites: **Theatre Arts I,II and Teacher Recommendation**
Students who have demonstrated exceptional skill levels in the dramatic arts are eligible to take honors level Theatre Arts III. Success at the honors level requires study, excellence in performance, and extensive knowledge of all areas of theatre, including production and directing, and an in-depth study of a variety of dramatic literature. Participation in after-school rehearsals and performances is required.

Theatre Arts IV (11,12)
Prerequisites: **Theatre Arts I,II,III**
Students who have extensive performance experience develop their skills in producing a quality, aesthetic theatrical experience. This course provides leadership opportunities for advanced students in the theatre department and supports a variety of productions, including classical and contemporary works. Participation in after school rehearsals and performances is required.

Honors Theatre Arts IV (11,12)
Prerequisites: **Theatre Arts I,II,III and Teacher Recommendation**
Students who have demonstrated advanced skill levels in theatre are eligible to take honors level Theatre Arts IV. Success at the honors level requires rigorous study, excellence in performance, and extensive knowledge of all areas of theatre, including production and directing, and an in-depth study of a variety of dramatic literature. Students are encouraged to explore a variety of theatrical styles and work with others to produce experimental, culturally significant works of art. Participation in after-school rehearsals and performances is required.

Technical Theatre I (10,11,12)
Prerequisites: **Theatre Arts I**
Students explore the various aspects of design and production for theatre. Areas of study may include scenery, lighting, sound, makeup, properties, costumes, and stage management.

Technical Theatre II (11,12)
Prerequisites: **Technical Theatre I**
Students develop technical skills through design and production. Technical support for school productions requires participation in after-school rehearsals and performances.

Media Production (10,11,12)
Prerequisite: **Application & Audition**
This course will provide students the opportunity to learn about techniques of on-camera performance and presentation, along with essential background and technical information helpful in film, television, and other media careers. Students learn film sorting techniques and media presentation techniques such as news, reading, and interviewing techniques.

ELECTIVES

Most courses carry a weight of 4.0. Courses designated "Honors" carry a weight of 5.0. Courses designated "Advanced Placement" carry a weight of 6.0.

Course levels are recommendations, but placement will be determined by the needs of the student based on EOG/EOC scores, teacher recommendations, and student performance in the prerequisite course(s).

Freshman Seminar (9)
Prerequisite: **None, but only offered to 9th graders**
This course is designed to assist 9th graders with their transition to high school. Topics to be explored include note-taking skills, study skills, test-taking skills, reading techniques and strategies, oral presentation skills, career planning and development, financial management, and other life-skill-building activities.

Curriculum Support (9,10,11,12)
Prerequisite: **EC Identification, Teacher recommendation**
This course is designed to give identified EC students academic support beyond the regular classroom. This course will also provide additional reading instruction for students who need this support.

Academic Support (9,10,11,12)
Prerequisite: **Principal approval**
This course is designed to give students expanded assistance and enrichment opportunities coordinated with their course of study. Principal approval is required.

ESOL Enrichment I (9,10,11,12)
Prerequisite: **LEP identification**
This course offers enrichment for English for Speakers of Other Languages (ESOL) students and is an elective course to all Limited English Proficient (LEP) students who have another language in their background. The course content will focus on the language skills needed for each student to successfully participate in English speaking academic and social school environments.

ESOL Enrichment II (9,10,11,12)
Prerequisite: **LEP identification**
This course offers enrichment for English for Speakers of Other Languages (ESOL) students and is an elective course to all Limited English Proficient (LEP) students who have another language in their background. The course content will focus on the language skills needed for each student to successfully participate in English speaking academic and social school environments.

ESOL Enrichment III (9,10,11,12)
Prerequisite: **LEP identification**
This course offers enrichment for English for Speakers of Other Languages (ESOL) students and is an elective course to all Limited English Proficient (LEP) students who have another language in their background. The course content will focus on the language skills needed for each student to successfully participate in English speaking academic and social school environments.

ESOL Enrichment IV (9,10,11,12)
Prerequisite: **LEP identification**
This course offers enrichment for English for Speakers of Other Languages (ESOL) students and is an elective course to all Limited English Proficient (LEP) students who have another language in their background. The course content will focus on the language skills needed for each student to successfully participate in English speaking academic and social school environments.

Media and Information Studies (11,12)
Prerequisite: **Interview with Teacher**
This course is a library informational study designed to teach students the components of a school media center. Students will learn about the various forms of media and the routine operations of a media center.

Newspaper (10,11,12)
Prerequisite: **None**
This course is the study of basic news reporting journalism and includes the basics of news writing, a brief history of journalistic ethics, and libel laws. Students will compose and produce various school publications.

Yearbook (10,11,12)
Prerequisite: **Interview with Teacher**
This course teaches the fundamentals of producing a high school yearbook.

Speech & Debate (9,10,11,12)
Prerequisite: **None**
This course is designed to extend the communication skills begun within the English curriculum. Emphasis will be placed on the preparation and presentation of various types of speeches, including those associated with debate, interviewing, and group discussions.

General Internship (11,12)
Prerequisite: **None**
This course is designed to provide hands-on experience for students as they explore the workplace. It allows students to observe and participate in daily operations, perform certain jobs tasks, and experience the value of and pride in work.

Occupational Preparation I (9)
Prerequisite: **EC Identification and placement in the Occupational Course of Study**
This course is designed to introduce students to the fundamental attitudes, behaviors, and habits needed to obtain and maintain employment in their career choice, and make career advancements. Students will participate in school-based learning activities, including work ethic development, job-seeking skills, decision-making skills, and self-management. Students will be involved in on-campus vocational training activities such as the operation of small school businesses. Formal career planning and development of knowledge regarding transition planning, begins in this course and continues throughout the strand of Occupational Preparation courses.

Occupational Preparation II (10)
Prerequisite: **EC Identification and placement in the Occupational Course of Study. Occupational Preparation I**
This course is designed to allow students to develop skills generic to all career majors: resource management, communication, interpersonal relationships, technology, stamina, teamwork, problem-solving, and self-management. Students will expand their school-based learning activities to include on-campus jobs and work-based learning activities. Job-seeking skills will be refined. **This course is two semester course.**

Occupational Preparation III (11)
Prerequisite: **EC Identification and placement in the Occupational Course of Study. Occupational Preparation I,II**
Students begin applying skills learned in Occupational Preparation I and II. Work-based learning activities are provided, including community-based training, job shadowing, and job sampling. These work-based activities allow students to apply employability skills to competitive settings. Opportunities for leadership development and self-determination are provided. **This course is two semester course.**

Occupational Preparation IV (12)
Prerequisite: **EC Identification and placement in the Occupational Course of Study. Occupational Preparation I,II,III**
This course gives students the opportunity to synthesize all the skills acquired in previous Occupational Preparation courses and apply them to their personal career choice. Students solve work related problems experienced in competitive employment, practice self-advocacy skills, and master the theoretical and practical aspects of their career choice. Students also develop job placement portfolio that provides an educational and vocational record of their high school experience

CAREER AND TECHNICAL EDUCATION

College Tech Prep (CTP) and Career Prep Courses of Study require a pathway with four courses, one of which must be an advanced or starred (*) course. These courses are to be related in a meaningful way to focus on a chosen area of interest.

MISSION AND PURPOSES

The mission of Career and Technical Education is to help empower students for effective participation in an international economy as world-class citizens.

Students will write, speak, solve problems, and use life skills such as time management and organization. Students work under the guidance of a Career and Technical Education teacher/ facilitator, in collaboration with community partners, business representatives, and other school-based personnel. Skill development and Career and Technical Student Organization (CTSO) leadership activities provide opportunities to apply instructional competencies and workplace readiness skills to authentic experiences.

Geared Up 4 Success

Geared Up 4 Success is a community-wide educational initiative aimed at informing students about the diverse benefits of skilled, technical career opportunities in Rowan County. It is a program of the Workforce Development Alliance, an organization that serves as an advocate and catalyst. The Alliance includes representatives from the Rowan-Salisbury School System, Rowan-Cabarrus Community College, the Rowan County Chamber of Commerce, local businesses, agencies, municipalities, and private citizens. *Geared Up 4 Success* helps young people discover the benefits of jobs in these fields--jobs that are creative and rewarding, both financially and personally. Please visit the *Geared Up 4 Success* website at www.GearedUpForSuccess.com.

North Carolina High School To Community College Articulation Agreement

An agreement exists between North Carolina high schools and the North Carolina Community College System, where a student can earn community college credit by successfully completing high school courses in select Career and Technical Education (CTE) program areas. "Articulation credit" is awarded after a student attains an "A" or "B" in Rowan-Salisbury School System CTE eligible coursework and a raw score of "80 or higher" on the VoCATS post assessment (end of course exams). Upon graduating from high school and enrolling in a North Carolina Community College, a college admissions director or counselor may evaluate articulated credits as appropriate for a student's major or course of study.

Students who are interested in achieving this credit and would like more information, should direct their questions to a high school CTE program area instructor, a Career Development Coordinator, or a high school counselor.

Career and Technical Education Pathways

AGRICULTURE & NATURAL RESOURCES TECHNOLOGIES

•Career Management
•Digital Communications Systems
•Drafting I
•Small Business & Entrepreneurship
•Computer Applications I
•Agriscience Applications I
•Agricultural Mechanics I
•Agricultural Mechanics II*
•Horticulture I
•Horticulture II*
•Horticulture II*-Landscape Construction
•Horticulture II*-Turf Grass
•Animal Science I
•Animal Science II*
•Animal Science II*-Small Animals
•Environmental & Natural Resources I
•Environmental & Natural Resources II*
•Biotechnology & Agriscience Research I
•Biotechnology & Agriscience Research II*
•Agricultural Co-Op
•Agricultural Internship
•Agricultural Apprenticeship*
•Agricultural Advanced Studies*

BIOLOGICAL & CHEMICAL TECHNOLOGIES

•Career Management
•Small Business & Entrepreneurship
•Computer Applications I
•Digital Communications Systems
•Teen Living
•Foods I-Fundamentals
•Foods II- Advanced
•Biomedical Technology
•Fundamentals of Technology
•Principles of Technology I
•Biotechnology & Agriscience Research I
•Family & Consumer Science Co-op
•Family & Consumer Science Internship
•Family & Consumer Science Apprenticeship*
•Family & Consumer Science Advanced Studies*

BUSINESS TECHNOLOGIES

•Career Management
•Principles of Business
•Business Law
•Small Business & Entrepreneurship*
•Computerized Accounting I
•Computerized Accounting II*
•Computer Applications I
•Computer Applications II*
•Digital Communication Systems
•Networking I
•Network Administration II*
•Network Engineering Technology II
•Computer Engineering Technology I
•e-Commerce I
•e-Commerce II*
•Marketing
•Marketing Management*
•Fashion Merchandising
•Strategic Marketing*
•Strategic Marketing Honors*
•Sports & Entertainment Marketing I
•Sports & Entertainment Marketing II*
•Business/Marketing Co-op
•Business/Marketing Internship
•Business/Marketing Apprenticeship*
•Business/Marketing Advanced Studies*

COMMERCIAL &ARTISTIC TECHNOLOGIES

•Career Management
•Small Business & Entrepreneurship
•Computer Applications I
•Digital Communication Systems
•Fashion Merchandizing
•Teen Living
•Housing & Interiors I
•Housing & Interiors II*
•Apparel Development I
•Apparel Development II*
•Drafting I
•Fundamental of Technology
•Communication Systems
•Digital Media I
•Digital Media II*
•Family & Consumer Science Co-op
•Family & Consumer Science Internship
•Family & Consumer Science Apprenticeship*
•Family & Consumer Science Advanced Studies*
•Trade & Industrial Co-op
•Trade & Industrial Internship
•Trade & Industrial Apprenticeship*
•Trade & Industrial Advanced Studies*

CONSTRUCTION TECHNOLOGIES

•Career Management
•Small Business & Entrepreneurship
•Computer Applications I
•Digital Communication Systems
•Housing & Interiors I
•Agricultural Mechanics I
•Furniture & Cabinetmaking I
•Furniture & Cabinetmaking II*
•Masonry I
•Masonry II*
•Masonry III

•Carpentry Technology I
•Carpentry Technology II*
•Carpentry Technology III
•Drafting I
•Drafting II*-Architectural
•Drafting III-Architectural Honors
•Drafting III-Architectural
•Drafting III-Architectural Honors
•Fundamentals of Technology
•Principles of Technology I
•Structural Systems
•Trade & Industrial Co-op
•Trade & Industrial Internship
•Trade & Industrial Apprenticeship*
•Trade & Industrial Advanced Studies*

ENGINEERING TECHNOLOGIES

•Career Management
•Small Business & Entrepreneurship
•Networking I
•Network Administration II
•Networking Engineering II*
•Networking Engineering III
•Computer Applications I
•Digital Communication Systems
•Digital Media I
•Drafting I
•Drafting II*-Engineering
•Drafting II*-Engineering Honors
•Drafting III-Engineering
•Drafting III-Engineering Honors
•Computer Engineering Technology I
•Computer Engineering Technology II*
•Trade & Industrial Co-op
•Trade & Industrial Internship
•Trade & Industrial Apprenticeship*
•Trade & Industrial Advanced Studies*
•Fundamentals of Technology
•Communication Systems*
•Manufacturing Systems*
•Transportation Systems*
•Structural Systems*
•Principles of Technology I
•Principles of Technology II*
•Technology Internship
•Technology Apprenticeship*
•Technology Advanced Studies*

HEALTH SCIENCES

•Career Management
•Small Business & Entrepreneurship
•Computer Applications I
•Digital Communication Systems
•Foods I-Fundamentals
•Parenting & Child Development
•Biomedical Technology
•Health Team Relations
•Allied Health Sciences I
•Allied Health Sciences II*
•Medical Sciences II*
•Health Science Internship
•Health Science Apprenticeship*
•Health Science Advanced Studies*

INDUSTRIAL TECHNOLOGIES

•Career Management
•Small Business & Entrepreneurship
•Computer Application I
•Digital Communication Systems
•Drafting I
•Manufacturing Systems
•Fundamentals of Technology
•Principles of Technology I
•Principles of Technology II
•Trade & Industrial Co-op
•Trade & Industrial Internship
•Trade & Industrial Apprenticeship*
•Trade & Industrial Advanced Studies*

PUBLIC SERVICES TECHNOLOGIES

•Career Management
•Small Business & Entrepreneurship
•Computer Applications I
•Digital Communication Systems
•Teen Living
•Apparel Development I
•Foods I-Fundamental
•Foods II*-Advances
•Parenting & Child Development
•Housing & Interiors I
•Early Childhood Education I
•Early Childhood Education II*
•Cosmetology I
•Cosmetology II*
•Cosmetology III
•Family & Consumer Science Co-op
•Family & Consumer Science Internship
•Family & Consumer Science Apprenticeship*
•Family & Consumer Advanced Studies*

TRANSPORTATION SYSTEM TECHNOLOGIES

•Career Management
•Small Business & Entrepreneurship
•Computer Applications I
•Digital Communication Systems
•Drafting I
•Fundamentals of Technology
•Transportation Systems
•Principles of Technology I
•Trade & Industrial Co-op
•Trade & Industrial Internship
•Trade & Industrial Apprenticeship*
•Trade & Industrial Advanced Studies*

Four Units are required to earn a pathway, which is needed for the College Tech Prep Course of Study. One of these must be a second level (or starred [*]course).

AGRICULTURAL EDUCATION

Most courses carry a weight of 4.0. Courses designated "Honors" carry a weight of 5.0. Courses followed by an * are second level/completer courses.

Agriscience Applications (9,10,11,12)
Prerequisite: **None**
This course provides instruction that focuses on integrating biological/physical sciences with technology as related to the environment, natural resources, food production, and science and agribusiness.

Agricultural Mechanics I (10,11,12)
Prerequisite: **None**
This course provides instruction to develop knowledge and technical skills in the broad field of agricultural machinery, equipment, and structures. The primary purpose of this course is to prepare students to handle the day-to-day problems, accidents, and repair needs they will come across in their chosen agricultural career.

Agricultural Mechanics II* (11,12)
Prerequisite: **Agricultural Mechanics I**
This course expands the knowledge and skills learned in Agricultural Mechanics I. It prepares students for an agricultural career in the agricultural engineering field. The topics of instruction emphasized are nonmetallic agricultural fabrication techniques, metal fabrication technology, safe tool and equipment use, human resource development, hot/cold metal working technology, advanced welding and metal cutting skills, working with plastics, and advanced career exploration/decision-making.

Animal Science I (10,11,12)
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.

Animal Science II* (11,12)
Prerequisite: **Animal Science I**
This course covers instruction that expands upon the scientific knowledge and skills developed in Animal Science I. Topics include animal waste management, animal science economics and decision-making, global concerns in the industry, genetics, and breeding.

Animal Science II* Small Animal Care (11,12)
Prerequisite: **Animal Science I**
This course provides instruction on animal husbandry related to small animals served by a veterinarian. Content related to the breeding, grooming, care, and marketing of animals will be covered through this course.

Environmental and Natural Resources Studies I (10,11,12)
Prerequisite: **None**
This course provides an introduction to environmental studies, which include topics of instruction in renewable and nonrenewable resources, history of the environment, personal development, water and air quality, waste management, land use regulations, soils, meteorology, fisheries, forestry, and wildlife habitat.

Environmental and Natural Resources Studies II* (11,12)
Prerequisite: **Environmental and Natural Resources Studies I**
This course expands the knowledge and skills developed in Environmental Studies and Natural Resource Studies I with heavy emphasis on instruction in best management practices and skills in methods of environmental monitoring and conservation, air and water regulations, sampling methodologies, prescribing conservation techniques, and wildlife and forestry management.

Horticulture I (10,11,12)
Prerequisite: **None**
This course provides instruction in the broad field of horticulture with emphasis on the scientific and technical knowledge for a career in horticulture. Topics in this course include plant growth and development, plant nutrition, media selection, basic plant identification, pest management, chemical disposal, customer relations, career opportunities, and leadership development.

Horticulture II* (11,12)
Prerequisite: **Horticulture I**
This course expands the scientific knowledge and skills developed in Horticulture I to include more advanced scientific, computation, and communication skills needed in the horticulture industry. Topics include greenhouse plant production and management, bedding plant production, watering systems, light effects, basic landscape design, installation and maintenance, lawn and turf grass management, career planning, and leadership/personal development.

Horticulture II* Honors (11,12)
Prerequisite: **Horticulture I**
Horticulture II Honors is a technical course designed to expand students' knowledge in specific principles and processes related to horticulture. Topics include greenhouse plant production and management, bedding plant production, watering systems, light effects, basic landscape design, installation and maintenance, lawn and turf grass management, career planning, and leadership/ personal development.

Horticulture II* Landscape Construction (11,12)
Prerequisite: **Horticulture I**
This course provides hands-on instruction and emphasizes safety skills needed by landscape technicians in the field. It is based on the North Carolina Landscape Contractor's Association skill standards for a Certified Landscape Technician. Students are instructed in interpreting landscape designs, identifying landscape plants, and planting/maintaining trees, shrubs, and turf. Landscape construction is emphasized in the areas of grading and drainage, irrigation, paver's installation, and the use/maintenance of landscape equipment. Current topic discussions provide students an understanding of careers and the employability skills needed to enter the landscape industry.

Horticulture II*-Turf management (11,12)
Prerequisite: **Horticulture I**
This course provides hands-on instruction and emphasizes eight units of instruction including: fundamentals of soils and pests; environmental issues related to turf management; landscape basics; lawn care and turf production; golf course management; sports turf and turf irrigation; turf equipment and maintenance; and personnel and financial management. Safety skills will be emphasized as well as leadership development and work-based learning.

Biotechnology & Agriscience I (10,11,12)
Prerequisite: **Biology**
This course provides instruction in the technologically advanced world of agriculture and life sciences. Students are exposed to the latest techniques and advances in plant and animal biotechnology with a strong emphasis on hands-on activities. The FFA student organization and work-based learning

experiences are integrated throughout this course to bring the scientific information to students for real-life application.

Biotechnology & Agriscience II* (11,12)
Prerequisite: **Biotechnology and Agriscience I**
This course provides instruction in laboratory and safety skills needed by agricultural research scientists. Current applications of biotechnology in animal science, environmental science, food science, and plant science are emphasized. Basic concepts of genetics and microbiology are applied to the agriculture industry and its success in providing food and fiber for the world. Opportunities exist for students to conduct individual or team research experiments. Hands-on laboratories and current topic discussions provide students an understanding of careers in agriscience research.

Agricultural Advanced Studies* (12)
Prerequisite: **Three technical credits in Agricultural Education.**
This is a three-phased exit course which is career focused in agricultural education. The program includes a research paper, a product, and a presentation. Students demonstrate their ability to use content and apply knowledge to real-world situations in a career major. Students work under the guidance of a teacher-facilitator, in collaboration with community members, business representatives, and other school-based personnel.

BUSINESS EDUCATION

Most courses carry a weight of 4.0. Courses designated "Honors" carry a weight of 5.0. Courses followed by a * are second level / completer courses.

Principles of Business & Personal Finance (9,10,11,12)
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 global marketplace.

Business Law (11,12)
Prerequisite: **None**
This course is designed to acquaint students with the basic legal principles common to business and personal activities. Topics include personal concepts to assist students when evaluating contracts, buying appropriate insurance, and renting and owning real estate. Business concepts such as contracts, ethics, starting a business, hiring employees, managing employees, or representing other businesses as employee or contractor are included.

Computerized Accounting I (10,11,12)
Prerequisite: **None**
This course is designed to help students understand the basic principles of the accounting cycle. Emphasis is placed on analysis and recording of business transactions, preparation and interpretation of financial statements, accounting systems, banking and payroll activities, basic types of business ownership, and an accounting career orientation.

Computerized Accounting II* (11,12)
Prerequisite: **Computerized Accounting I**
This course is designed to provide students with an opportunity to develop in-depth knowledge of accounting procedures and techniques used in solving business problems and making financial

decisions. Emphasis includes partnership accounting, adjustments and inventory control systems, budgetary control systems, cost accounting, and further enhancement of accounting skills.

Computerized Accounting II* Honors (11,12)
Prerequisite: **Computerized Accounting I**
The Honors Computerized Accounting II covers the material in great complexity and acceleration. Students must go beyond the skills of recognition, fact gathering and recall with an emphasis on problem solving and critical analysis. Students will be required to demonstrate their learning through performances, presentations, demonstrations, applications, processes, and products.

Computer Applications I (9,10,11,12)
Prerequisite: **None**
This course is designed to help students master advanced skills in the areas of word processing, database management, spreadsheet, telecommunications, desktop publishing, and presentation applications. Emphasis is on data communications, Internet and email, as well as skill development in the integration of software applications, ethical issues pertaining to information systems, and information technologies careers.

Computer Applications II* (10,11,12)
Prerequisite: **Computer Applications I**
This course is designed to help students 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. Emphasis is placed on skill development and refinement of skills in information technologies, as well as economic, ethical, and social issues in the information technologies area.

Digital Communication Systems (9,10,11,12)
Prerequisite: **None**
This course is designed to teach basic digital input skills including using the touch method for keying, speech recognition, and use of handheld devices. Emphasis is on the daily use and operation of commonly used digital communication devices to develop skills with concentrated application of those skills in the production of business communication and correspondence.

eCommerce I (11,12)
Prerequisite: **Computers Applications II**
This course is designed to help students master skills in the design and construction of complex web sites for conducting business electronically. Emphasis is 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 for a client in the business community.

eCommerce I Honors (11,12)
Prerequisite: **Computers Applications II**
This course is designed to help students master skills in the design and construction of complex web sites for conducting business electronically. Emphasis is 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 for a client in the business community. This course follows a rigorous, faster pace.

eCommerce II* (11,12)
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. 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. Communication skills, problem solving, research, and critical thinking skills are reinforced as students develop and enhance capstone projects.

eCommerce II* Honors (11,12)
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. 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. Communication skills, problem solving, research, and critical thinking skills are reinforced as students develop and enhance capstone projects. This course follows a rigorous, faster pace.

Networking I (11,12)
Prerequisite: **None**
This course provides a broad-based foundation in the engineering and administration of computer network systems. Emphasis is on PC/network hardware and operating systems, architecture, protocols, design and security, and career development.

Network Administration II* Honors (12)
Prerequisite: **Networking I**
This course is the second of two courses of a certification program based on industry-validated skill standards. Topics in this course include network securing, administrator responsibilities, and documentation of work-based experiences. Critical thinking skills are taught. Students may be eligible to take the industry certification exam after completing this course. **The student is responsible for the cost of the NETPLUS exam, if he/she chooses to take the certification exam.**

Small Business and Entrepreneurship* (11,12)
Prerequisite: **The student must have completed two technical credits in the same career pathway.**
This course is designed to introduce 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.

Business Advanced Studies* (12)
Prerequisite: **Three technical credits in Business and Information Technology Education.**
This culminating course is for seniors who are career focused in accounting and finance, business administration, business management and ownership, information technology, or office systems technology. The three parts of the course include a research paper, a product, and presentation. Students demonstrate their abilities to use content and apply knowledge to professional business situations in a selected career. Students work under the guidance of a teacher-facilitator, in collaboration with community members, business representatives, and other school-based personnel.

CAREER DEVELOPMENT

Most courses carry a weight of 4.0. Courses designated "Honors" carry a weight of 5.0. Courses followed by a * are second level / completer courses.

Career Management (9,10)
Prerequisite: **None**
This course is designed to prepare students to locate, secure, keep, and change careers. Strategies include teamwork, problem-solving, decision making, goal setting, and self-management. This course supports all career cluster concentrations.

FAMILY AND CONSUMER SCIENCES

Most courses carry a weight of 4.0. Courses designated "Honors" carry a weight of 5.0. Courses followed by a * are second level / completer courses.

Apparel Development I (9,10,11,12)
Prerequisite: **None**
This course includes basic skills in apparel selection, fashion design, and garment construction. Emphasis is on applying design and construction principles to select, design, and construct apparel and home fashions.

Apparel Development II* (10,11,12)
Prerequisite: **Apparel Development I**
This course focuses on advanced clothing and housing apparel development. The use of fibers and fabrics is combined with design and construction techniques to develop and produce a clothing or housing apparel product.

Housing and Interior I (9,10,11)
Prerequisite: **None**
This course examines housing and interior decisions that individuals and families make based on their needs, the environment, and technology. Emphasis is placed on selecting goods and services and creating functional and pleasing living environments based on sound financial decisions and design principals.

Housing and Interior II* (10,11,12)
Prerequisite: **Housing and Interior I**
This two-block course prepares students for opportunities in the residential and non-residential interior design fields for entry-level and technical jobs. Topics include application of design theory to interior plans and production, selection of materials, and examination of business procedures.

Early Childhood Education I (11,12)
Prerequisite: **None**
This hands-on curriculum prepares students for careers working with young children, birth through age eight. Emphasis is placed on guiding the whole child through developmentally appropriate activities, proper discipline techniques, nutrition, health, and safety. Students work in an elementary classroom setting to gain experience working with young children. (This course is a two-credit course with work-based learning comprising over 50 percent of the required coursework.) **Students should**

provide their own transportation. This is a 2 block course. Course credit is not earned until both blocks are successfully completed. 2 units

Early Childhood Education II* (12)
Prerequisite: **Early Childhood Education I**
This course prepares students to work with children birth to twelve years of age in childcare, preschool, and/or after school programs. Students receive instruction in childcare pertaining to teaching methods, career development, program planning and management, health and safety issues, and technology. (This course is a two-credit course with work-based learning comprising over 50 percent of the required coursework.) Students who successfully complete this course and are 18 years of age will be eligible to apply for the North Carolina Early Childhood Credential (NCECC) through the Division of Child Development. **Students must provide transportation to the work site. This is a 2 block course. Course credit is not earned until both blocks are successfully completed. 2 units**

Early Childhood Education II* Honors (12)
Prerequisite: **Early Childhood Education I**
This honors course extends the Standard Course of Study to a higher, more challenging level. Students can expect to complete extensive in-depth assignments including research, reflective practice, analytical thinking as well as work-based learning. **(**This course is a two-credit course with work based learning comprising over 50 percent of the required coursework.) Students will use technology skills to enhance studies, extra research and assist them in professionally displaying work. Students who successfully complete this course and are 18 years of age will be eligible to apply for the North Carolina Early Childhood Credential (NCECC) through the Division of Child Development. **Students must provide transportation to the work site. This is a 2 block course. Course credit is not earned until both blocks are successfully completed. 2 units**

Foods I: Fundamentals (9,10,11,12)
Prerequisite: **None**
This course examines nutritional needs of the individual. Emphasis is placed on the relationship of diet to health and on the selection of food to satisfy needs.

Foods II*: Advanced (10,11,12)
Prerequisite: **Foods I**
This course focuses on advanced food preparation techniques while applying nutrition, food science, and test kitchen concepts using new technology. Students may be eligible for the industry certification exam. **The student is responsible for the cost of the ServSafe exam, if he/she chooses to take the certification exam.**

Foods II*: Technology (10,11,12)
Prerequisite: **Foods I or Chemistry or Physical Science**
This course provides students the opportunity to explore the food industry from "the farm to the table". It will integrate the applications of basic food science principals, government regulations, emerging trends, biotechnology, and career opportunities as it relates to food technology.

Parenting and Child Development (9,10,11,12)
Prerequisite: **None**
This course introduces students to responsible nurturing and basic applications of child development theory. Emphasis is on the parents' responsibilities and influences on children while providing care and guidance.

Teen Living (9,10)
Prerequisite: **None**
This course examines life management skills in nutrition and wellness, family living, child development, and consumer management. Emphasis is placed on students applying these skills during their teen years. Through simulated experiences, they learn to fulfill their responsibilities associated with the work of the family and community.

Family and Consumer Science Advanced Studies* (12)
Prerequisite: **Three technical credits in Family and Consumer Sciences Education**
This culminating course is for seniors who are career focused in the apparel design, community and family services, culinary arts and hospitality, early childhood education, food science, dietetics and nutrition, or interior design career areas. The three parts of the course include a research paper, a product, and a presentation. Students demonstrate their abilities to use content and apply knowledge to authentic situations in a selected career. Students work under the guidance of a teacher-facilitator, in collaboration with community members, business representatives, and other school-based personnel.

HEALTH OCCUPATIONS EDUCATION

Most courses carry a weight of 4.0. Courses designated "Honors" carry a weight of 5.0. Courses followed by a * are second level / completer courses.

Biomedical Technology (9,10)
Prerequisite: **None.**
This course challenges students to investigate current and 21st century medical and health care practices using computerized databases, the Internet, media, and visiting health team professionals. Topics include the world of biomedical technology, the language of medicine, present and evolving biomedical specialties, biomedical ethics, crises and alternatives, and health career development.

Health Team Relations (9,10)
Prerequisite: **None**
This course is designed to assist potential health care workers in their role and function as health team members. Topics include terminology, the history of health care, health care agencies, ethics, legal responsibilities, careers, holistic health, human needs, cultural awareness, communication, medical math, leadership, and career decision-making.

Allied Health Sciences I (11)
Prerequisite: **Health/Physical Education, Biology**
This course investigates the health care delivery system, its services, occupations, and related sciences. Topics include the study of the language of medicine, medical mathematics, microbiology, anatomy and physiology, diseases/disorders, diagnoses, treatments, patient/client care regimens, career development, and future technological innovations.

Allied Health Sciences II* (12)
Prerequisite: **Allied Health Sciences I, Application**
This course is designed to prepare potential health care workers to become effective and efficient multi-skilled health team members. Emphasis is placed on the development of proficiency in employability skills, emergency care skills, safety skills, clerical skills, and health care skills. The work-based component is a minimum 90-hour clinical internship where student interns deliver health care in local hospitals, medical/dental/veterinarian/office, nursing/convalescent/retirement facilities, wellness centers, etc. **The student is responsible for his/her own transportation and uniforms. A government issued identification with a picture is required. Student is responsible**

for the Certified Nurse Aid (CNA) exam fee, if he/she chooses to take the exam. This is a 2 block course. Course credit is not earned until both blocks are successfully completed. 2 units

Medical Sciences II* (11,12)
Prerequisite: **Allied Health Sciences I**
This specialized course is designed to prepare potential health care workers, preferably seniors, for performance in an advanced technical or professional health career. Emphasis is placed on professional development, communication, safety, bioethical/legal practices, and problem-solving and decision-making. Skills in mathematics, science, and communications are reinforced in this course. Work-based learning strategies include the development of individualized clinical skills specifically related to a selected mentorship (minimum of 50 hours) with an exemplary health professional. **The student is responsible for his/her own transportation and uniforms. A government issued identification with a picture is required.**

Medical Sciences II* Honors (11,12)
Prerequisite: **Allied Health Sciences I**
This specialized course is designed to prepare potential health care workers, preferably seniors, for performance in an advanced technical or professional health career. Emphasis is placed on professional development, communication, safety, bio-technical practices, healthcare delivery systems, assessment and diagnostic practices, health maintenance practices and problem-solving and decision-making. Work-based learning strategies include the development of individualized clinical skills specifically related to a selected mentorship (minimum of 50 hours) with an exemplary health professional. **The student is responsible for their own transportation and uniforms. A government issued identification with a picture is required.**

Health Science Advanced Studies* (12)
Prerequisite: **Three technical credits in Health Occupation Education**
This culminating course is for seniors who are career focused in a health or medical career. The three parts of the course include a research paper, a product, and a presentation. Students demonstrate their abilities to use content and apply knowledge to real-world situations in a selected career. In addition, they will demonstrate their abilities to write, speak, solve problems, and to use life skills, such as time management and organization. Students work under the guidance of a teacher-facilitator, in collaboration with community members, business representatives, and other school-based personnel.

MARKETING EDUCATION

Most courses carry a weight of 4.0. Courses designated "Honors" carry a weight of 5.0. Courses followed by an * are second level/completer courses.

Marketing (10,11,12)
Prerequisite: **None**
This course is designed to help students develop basic knowledge, skills, and attitudes that will prepare them to enter the field of marketing. The course, which focuses on the National Marketing Education Standards and the National Curriculum Framework, emphasizes the foundations of business, management, entrepreneurship, economics, professional development, and communication, and interpersonal skills.

Sports and Entertainment Marketing I (9,10,11,12)
Prerequisite: **None**
This course is designed for students interested in sports, entertainment, and event marketing. Emphasis is placed on the following principles that apply to the industry: branding, licensing and

naming rights, business foundations, concessions and on-site merchandising, economic foundations: promotion, safety, and security, and human relations.

Sports and Entertainment Marketing II* (11,12)
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 as they apply to the industry: business management, career development options, client relations, ethics, events management, facilities management, legal issues and contracts, promotion, and sponsorships.

Marketing Management* (11,12)
Prerequisite: **Marketing or Fashion Merchandising.**
This course is designed to continue the foundations covered in Marketing or Fashion Merchandising. Topics of study include recruiting, hiring, training and evaluating employees, information management, purchasing, pricing, ethics, sales management, and financing.

Strategic Marketing* (11,12)
Prerequisite: **None**
This course challenges students by combining the content taught in the Marketing and Marketing Management courses. The curriculum, activities, and resources used in this course are written at the freshman college level. Topics include economics, marketing research, and decision making, domestic and international markets and influences, human resource development, ethics, management, and financial analysis.

Strategic Marketing Honors* (11,12)
Prerequisite: **Marketing or Marketing Management, Teacher recommendation**
This honors course extends the Standard Course of Study to a higher, more challenging level. Students are expected to work on their own to complete assignments, research, and projects. Pace of course is fast and set at the freshman college level. Students are expected to become active members of their local DECA chapter.

Fashion Merchandising (11,12)
Prerequisite: **None**
This course is designed for students interested in the fashion industry and the merchandising of fashion. Topics include an overview of the fashion industry, merchandising risk management, and fashion-show production. Skills in research, mathematics, textile chemistry, and technical writing are reinforced.

Travel, Tourism & Recreation Marketing* (11,12)
Prerequisite: **Marketing**
This course is designed to provide a foundation for students interested in a career in travel, tourism, and recreation marketing. Emphasis is on the hospitality/tourism industry, customer relations, travel destinations, tourism promotion, economics, and career development. Skills in math, psychology, geography, and communications are reinforced.

Small Business and Entrepreneurship (11,12)
Prerequisite: **The student must have completed two technical credits in the same career**
This course is designed to introduce 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.

Marketing Advanced Studies* (12)
Prerequisite: **Three technical credits in Business, Marketing or Information Technology Education**
This culminating course is for seniors who are career focused in marketing technologies, sales and technical services, travel, tourism, and recreation marketing, business management and small business/ entrepreneurship, fashion merchandising, business administration, or sports and entertainment marketing. The three parts of the course include a research paper, a product, and a presentation. Students demonstrate their abilities to use content and apply knowledge to real-world situations in a selected career. In addition, they will demonstrate their abilities to write, speak, solve problems, and to use life skills, such as time management and organization. Students work under the guidance of a teacher-facilitator, in collaboration with community members, business representatives, and other school-based personnel.

TECHNOLOGY EDUCATION

Most courses carry a weight of 4.0. Courses designated "Honors" carry a weight of 5.0. Courses followed by an * are second level/completer courses.

Fundamentals of Technology (9,10,11,12)
Prerequisite: **Algebra I**
This course provides hands-on experiences in principles and processes essential for technology systems and develops a foundation for students interested in any pre-Engineering field of study. Emphasis is placed on problem solving, design, technical communication, modeling, testing, evaluation, and implications of technology.

Manufacturing Systems* (10,11,12)
Prerequisite: **Fundamentals of Technology (Second level for Engineering Technology pathway only)**
This course introduces students to principles of past and present manufacturing systems. Emphasis is placed on students designing, producing, and evaluating products using contemporary manufacturing methods.

Transportation Systems (11,12)
Prerequisite: **Fundamentals of Technology**
This course introduces students to land, water, air, and space transportation through experimentation and model making. Emphasis is placed on interdisciplinary research and transportation analysis focused on the performance of transportation systems, and their affects mobility and economic growth.

Technology Advanced Studies* (12)
Prerequisite: **Three technical credits in Technology Education, including Fundamentals of Technology**
Students select and pursue a topic of interest using knowledge and skills gained from previous technical and academic courses. Emphasis is placed on having the students select, direct, and evaluate their own studies while using complex technological tools. The three parts of the course include a research paper, a product, and presentation. Students work under the guidance of a teacher-facilitator, in collaboration with community members, business representatives, and other school-based personnel.

TRADE AND INDUSTRIAL EDUCATION

Most courses carry a weight of 4.0. Courses designated "Honors" carry a weight of 5.0. Courses followed by an * are second level/completer courses.

Networking I (11,12)
Prerequisite: **Computer Engineering I**
This course introduces the fundamentals of networks and their operation. Emphasis will be placed on skills to design and maintain networks, install cabling, and configure routers and switches. Students receive hands-on training setting up, installing, and troubleshooting networks. Technical writing and binary math skills will also be emphasized.

Network Engineering Technology II* Honors (12)
Prerequisite: **Networking I**
This course introduces the fundamental principles of networks and their operation from an industry vendor's perspective. Technical and binary math skills are emphasized. Students may be eligible for the industry certification exam. **The student is responsible for the cost of the NetPlus exam fee, if he/she chooses to take the exam.**

Network Engineering Technology III (12)
Prerequisite: **Network Engineering Technology II**
Through hands-on experiences, this course introduces the concepts of wide area networks, advanced router configurations, switched networks, VLANS, and simple vendor-specific network management protocols. Presentation and communications skills needed by a network engineer will also be emphasized. **5.0 weight**

Computer Engineering Technology I (10,11,12)
Prerequisite: **None**
This course introduces basic skills and safety procedures required to become an A+ Certified computer technician. Emphasis will be on skills needed to build, upgrade, configure, and troubleshoot computers, peripherals, and operating systems. Internet resources are an integral part of instruction, troubleshooting, and research in the classroom.

Computer Engineering Technology II* Honors (12)
Prerequisite: **Computer Engineering Technology I**
This course offers advanced hands-on training and theory to enhance skills introduced in CET I. New topics include printers, portable systems, networks, Internet, and customer interaction. Course content follows industry guidelines for A+ Certification. **The student is responsible for the cost of the A+ exam fee, if he/she chooses to take the exam.**

Masonry I (9,10,11,12)
Prerequisite: **None**
This course introduces the nature of masonry technology, materials and supplies, and employability skills. Topics include safety, layout, tools, leveling, plumbing, use of a straightedge, and jointing brick and block in wall construction. **National Center for Construction Education and Research (NCCER) certification begins in Masonry I.**

Masonry II* (10,11,12)
Prerequisite: **Masonry I**
This course provides a continuation of masonry skills, estimating, blueprint reading, and building codes. Topics include constructing walls, corners, sills, and similar structures using a variety of bonds and materials. **National Center for Construction Education and Research (NCCER) certification continues. This is a 2 block course. Course credit is not earned until both blocks are successfully completed. 2 units**

Masonry III (11,12)
Prerequisite: **Masonry I, II**
This course provides advanced masonry skills, leadership development, and the preparation of technical presentations. Topics include constructing composite walls, steps, arches, lattice walls, sidewalks, brick and concrete pavers, windowsills, chimneys, and fireplaces. **This is a 2 block course. Course credit is not earned until both blocks are successfully completed. 2 units**

Carpentry I (10,11,12)
Prerequisite: **None**
This course provides a basic introduction to construction work and the technical aspects of carpentry. Topics include safety, measurement, and the identification, selection, and use of tools, equipment, lumber, materials, and fasteners. **National Center for Construction Education and Research (NCCER) certification begins in Carpentry I.**

Carpentry II* (11,12)
Prerequisite: **Construction Technology I**
This course covers advanced technical aspects of carpentry with emphasis on development of skills introduced in Level I. Topics include plans, framing, footings, foundations, roofing, flashing, wall sheathing, insulation, vapor barriers, gypsum board, and under-layment. **National Center for Construction Education and Research (NCCER) certification continues. This is a 2 block course. Course credit is not earned until both blocks are successfully completed. 2 units**

Carpentry Technology III (11,12)
Prerequisite: **Construction Technology I,II**
This course covers issues related to planning, management, finance, sales, labor, technology, community, health, environment, and safety. Topics include estimating, leveling instruments, forms, special framing, interior and exterior finishing, cabinets, built-ins, and metal studs. **This is a 2 block course. Course credit is not earned until both blocks are successfully completed. 2 units**

Furniture & Cabinetmaking I (10,11,12)
Prerequisite: **Geometry is recommended**
This course introduces career information, employment opportunities, and skills required for work in the furniture and cabinetmaking industry. Topics include tools and equipment, theory and practice, types of woods, finishes, styles, bonds, and fasteners.

Furniture & Cabinetmaking II* (11,12)
Prerequisite: **Furniture & Cabinetmaking I**
This course covers development of more advanced knowledge and skills in the furniture and cabinetmaking industry. Emphasis is placed on construction principles as applied to mass production, and the construction and installation of cabinet drawers and doors. Students are expected to pay for project materials. **This is a 2 block course. Course credit is not earned until both blocks are successfully completed. 2 units**

Drafting I (9,10,11,12)
Prerequisite: **None**
This course introduces students to the use of simple and complex graphic tools used to communicate and understand ideas and concepts found in the areas of architecture, manufacturing, engineering, science, and mathematics. Topics include problem-solving strategies, classical representation methods such as sketching, and geometric construction techniques, as well as CAD (computer assisted design), orthographic projection, and oblique and isometric drawings.

Drafting II*Architectural (10,11,12)
Prerequisite: **Drafting I**
This course is focused on the principles, concepts, and use of complex graphic tools used in the field of architecture, structural systems, and construction trades. Emphasis is placed on the use of CAD tools in the creation of floor plans, wall sections, and elevation drawings.

Drafting II* Honors-Architectural (10, 11,12)
Prerequisite: **Drafting I**
The honors version of this course covers the material in greater complexity and acceleration. Student learning must go beyond the skills of recognition, fact gathering, and recall with an emphasis on problem solving, critical analysis, and research. Students will be required to demonstrate their learning through performances, presentations, demonstrations, applications, processes, and products.

Drafting III Architectural (11,12)
Prerequisite: **Drafting I, II-Architectural**
This course introduces students to advanced architectural design concepts. Emphasis is placed on the use of CAD tools in the design and execution of site and foundation plans as well as topographical information and detail drawings of stairs and wall sections.

Drafting III Honors Architectural (11,12)
Prerequisite: **Drafting I, II-Architectural**
The honors version of this course covers the material in greater complexity and acceleration. Student learning must go beyond the skills of recognition, fact gathering, and recall with an emphasis on problem solving and critical analysis. Students will be required to demonstrate their learning through performances, presentations, demonstrations, applications, processes, and products.

Drafting II*Engineering (10,11,12)
Prerequisite: **Drafting I**
This course focuses on engineering graphics and related subjects introducing the student to symbol libraries, industry standards, and sectioning techniques. Topics include coordinate systems, principles of machine processes, and gearing, and the construction of 3-D wire frame models using CAD.

Drafting II* Honors-Engineering (10,11,12)
Prerequisite: **Drafting I**
The honors version of this course covers the material in greater complexity and acceleration. Student learning must go beyond the skills of recognition, fact gathering, and recall with an emphasis on problem solving and critical analysis. Students will be required to demonstrate their learning through performances, presentations, demonstrations, applications, processes, and products.

Drafting III Engineering (11,12)
Prerequisite: **Drafting II-Engineering**
This course introduces students to advanced engineering concepts using CAD tools. Topics studied include descriptive geometry, geometric tolerance, and advanced engineering design concepts such as surface and solid modeling.

Drafting III Honors-Engineering (11,12)
Prerequisite: **Drafting II-Engineering**
The honors version of this course covers the material in greater complexity and acceleration. Student learning must go beyond the skills of recognition, fact gathering, and recall with an emphasis on problem solving and critical analysis. Students will be required to demonstrate their learning through performances, presentations, demonstrations, applications, processes, and products.

Digital Media I (10,11,12)
Prerequisite: **None**
This course provides a broad-based foundation in the digital media field. An emphasis is placed on the fundamental concepts of audio and video design, various digital media technologies, non-linear editing, product development and design, and career development. Communication, mathematical, and critical thinking skills are strengthened throughout the course. Local projects and SkillsUSA leadership activities, conferences, and competitions provide opportunities for the application of instructional competencies.

Digital Media II* (10,11,12)
Prerequisite: **Digital Media I**
This course provides students with more advance knowledge in the digital and interactive media industry. Emphasis is placed on advanced audio and video non-linear editing techniques for the media; and commercial and emerging, web-based interactive media. Project planning, design, and development prepare students for entry into various IT and communication industries. Hands-on work experiences and SkillsUSA leadership activities provide many opportunities to enhance classroom instruction and career development.

Trade and Industrial Advanced Studies* (12)
Prerequisite: **Three technical credits in Trade and Industrial Education**
This culminating course is for seniors who are career focused in the Trade and Industrial programs. The three parts of the course include a research paper, a product, and a presentation. Students demonstrate their abilities to use content and apply knowledge to real-world situations in a selected career. Skills in leadership, writing, speaking, problem solving, math, and science are reinforced. Students work under the guidance of a teacher-facilitator, in collaboration with community members, business representatives, and other school-based personnel.

WORK-BASED LEARNING EXPERIENCES

Cooperative Education (11,12)
Prerequisite: **Enrollment in a cooperative education course of study.**
Cooperative Career Technical Education provides on-the-job training for students through a cooperative agreement between the school, the employer, the parents/guardian, and the student. In the classroom, students should receive instruction related to their on-the-job training experiences. A training plan jointly developed by the teacher-coordinator and employer outlines the sequential classroom instruction and on-the-job training a student receives. The training plan is the base for evaluating the student's progress, on the job and in the classroom. Each cooperative student is coordinated and supervised by a teacher-coordinator. Written training agreements and written training plans between the school and the employers are cooperatively developed and available.

Apprenticeship (11,12)
Prerequisite: **None**
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, North Carolina Department of Labor (NCDOL), parents, and youth apprentices. Some apprenticeship characteristics are:

- Combination of classroom-related instruction with structured work-based learning.
- Employment by an employer who has a need for trainees in the occupation.
- Incremental pay scale that increases with skill and knowledge development.
- Training of a highly skilled technician or craft person.
- Appropriate for occupations that do not require a college degree but require a high level of skill and knowledge.
- Application of high school apprenticeship hours and experience toward an adult apprenticeship leading to a completed journeyman certificate.
- On-the-job training for each year of participation during high school. The high school student can begin when he/she turns 16 years of age and is part of the high school apprenticeship program. For additional information, refer to the North Carolina State Board of Education Policies for Work-based Learning for methods receiving academic credit.

Beginning with the 2010 school year a registration fee of $20 is paid to the North Carolina Department of Labor for participation in an apprenticeship program. The student must complete a minimum of one (1) year as an apprentice at a NCDOL certified site.

Career Major Internship (11,12)
Prerequisite: **None**
Internships allow for additional development of career-technical competencies. Internships are an essential way for today's youth to experience the value of work, develop pride in work, and mature personally. Internships allow students to observe and participate in daily operations, develop direct contact with job personnel, ask questions about particular career, and perform certain job tasks. This activity is exploratory and allows the student to get hands-on experience in a number of related activities.

Good luck as you complete registration for the 2010-2011 school year.
With proper planning and careful course selection, you will be better prepared to meet the challenges and responsibilities of the 2010-2011 school year.
If you have additional questions concerning high school programs or course offerings, please talk with a high school counselor.