



High School

Program Planning Guide

Rolesville High School Course Offerings 2015-2016

The course offerings are subject to change

General Information

GRADUATION REQUIREMENTS

Wake County Public School System's high schools utilize a 4 by 4 Block schedule, with the exception of Broughton, Enloe and Millbrook. This allows students to earn eight credits each year of high school. Graduation from Apex, Apex Friendship, Athens Drive, Broughton, Cary, East Wake AEG, East Wake ES, East Wake HS, East Wake IT, Fuquay-Varina, Garner, Heritage High, Holly Springs, Knightdale, Green Hope, Leesville Road, Middle Creek, Millbrook, Panther Creek, Rolesville, Sanderson, Wake Forest, and Wakefield High Schools requires completion of a minimum of 26 credits.

- Students at Broughton High School must complete twenty-five hours of community service per year.
- Students at the East Wake High Schools may have additional graduation requirements.
- Students at Enloe, Longview, Phillips, Wake Early College of Health and Sciences, Wake NC State University STEM Early College, Wake Young Women's Leadership Academy, Wake Young Men's Leadership Academy, and Vernon Malone College & Career Academy entering 9th grade in 2009-2010 through 2011-2012 must complete 21 credits to graduate. Students entering ninth grade for the first time in 2012-2013 and beyond are following the Future-Ready Core graduation requirements and must complete 22 credits to graduate.
- Students who attend Southeast Raleigh Magnet High School must acquire four science credits. Students who entered 9th grade before 2009-2010 must complete 20 credits to graduate. Students who enter 9th grade in 2009-2010 and beyond must complete 26 credits to graduate.
- Students in the Occupational Course of Study at all high schools must complete 22 credits, 900 work hours, and present a career portfolio to graduate. The Occupational Course of Study is available at all high schools except Phillips, Wake Early College of Health and Sciences, Wake NC University STEM Early College, Wake Young Women's Leadership Academy, Wake Young Men's Leadership Academy, and Vernon Malone College & Career Academy.

Students must satisfy all course, credit, and testing requirements for at least one diploma type in order to earn a diploma and must meet the graduation requirements that were in effect the year they entered ninth grade for the first time.

Math I (formerly Algebra I) is a graduation requirement for all students. The only exceptions to the Math requirement are for students have an Individual Education Program (IEP) that identifies them as Learning Disabled (LD) in math and states that the disability will prevent them from mastering the mathematical content in Math I and above. Once a student is exempt, the exemption holds until the student exits public school. Documentation of the exemption will be written in a *present level of performance statement* on the student's IEP.

Students who complete all graduation requirements receive a diploma at graduation. Beginning with the graduating class of 2014-2015, students have the opportunity to earn Endorsements to their High School Diploma (GCS-L-007). Students must meet all requirements set forth in State Board Policy GCS-N-004 "State Graduation Requirements" related to earning a high school diploma. Endorsements identify a particular area of focused study for students. Students may earn a Career Endorsement, a College Endorsement, and/or a North Carolina Academic Scholars Endorsement.

Career Endorsement Requirements	College Endorsement Requirements
<ul style="list-style-type: none"> • Student has completed the Future Ready Core mathematics sequence of Math I, Math II, Math III (or Algebra I, Geometry, Algebra II) and a fourth math course aligned with the student’s post-secondary plans. • Student has completed a CTE concentration in one of the approved CTE Cluster areas (http://www.ncpublicschools.org/cte/curriculum/) • Student has earned an unweighted GPA of at least 2.6. • Student has earned at least one industry-recognized credential. 	<p>Option 1: College Endorsement</p> <ul style="list-style-type: none"> • Student has completed the Future Ready Core mathematics sequence of Math I, Math II, Math III (or Algebra I, Geometry, Algebra II) and a fourth math course that meets the University of North system Minimum Admission Requirements or meets the North Carolina Community College System’s Multiple Measures Placement policy. • Student has earned an unweighted GPA of at least 2.6. <p>Option 2: College/UNC Endorsement</p> <ul style="list-style-type: none"> • Student has completed the Future Ready Core mathematics sequence of Math I, Math II, Math III (or Algebra I, Geometry, Algebra II) and a fourth math course that meets the University of North system Minimum Admission Requirements. • Student has completed three units of science including at least one physical science, one biological science and one laboratory science course, which must include either physics or chemistry. • Student has completed two units of a world language. • Student has earned an unweighted GPA of at least 2.5.

Special needs students (excluding Academically Gifted students and pregnant students) who do not satisfy all graduation requirements will receive a graduation certificate and be allowed to participate in graduation exercises if the students complete twenty credits by general subject area and complete all IEP requirements.

Future-Ready Core graduation requirements are on the following pages and can also be found on North Carolina’s Department of Public Instruction website at: <http://www.ncpublicschools.org/gradrequirements>

Graduation Requirements

Course of Study Chart

For Ninth Graders Entering in 2000-2001 through 2008-09				Available for Ninth Graders 2000 – >	For Ninth Graders Entering in 2009-10 – 2011-12	For Ninth Graders Entering in 2012-13 and Later
CONTENT AREA	CAREER PREP Course of Study Requirements	COLLEGE TECH PREP* Course of Study Requirements	FUTURE-READY CORE	OCCUPATIONAL Course of Study Requirements (Selected IEP students excluded from EOC Proficiency Level requirements)	FUTURE-READY CORE	FUTURE-READY CORE
English	4 Credits I, II, III, IV	4 Credits I, II, III, IV	4 Credits I, II, III, IV	4 Credits OCS English I, II, III, IV	4 Credits I, II, III, IV	4 Credits I, II, III, IV
Mathematics	3 Credits Including Algebra I This requirement can be met with Integrated Math I & II when accompanied with the Algebra I EOC.	3 Credits* Algebra I, Geometry, Algebra II, OR Algebra I, Technical Math I & II, OR Integrated Mathematics I, II, & III	4 Credits Algebra I, Algebra II, Geometry, and higher level math course with Algebra II as prerequisite OR Integrated Mathematics I, II, III, and a credit beyond Integrated Mathematics III	3 Credits OCS Intro. to Mathematics, OCS Algebra I, and OCS Financial Management	4 Credits (Algebra I***, Geometry, Algebra II) OR (Integrated Math I, II, III) 4th Math Course to be aligned with the student's post high school plans. <i>In the rare instance a principal exempts a student from the FRC math sequence, the student would be required to pass Algebra I and Geometry or Algebra I and II, or Integrated Math I and II and two other application-based math courses.</i>	4 Credits Math I ***, Math II, Math III, 4th Math Course to be aligned with the student's post high school plans. <i>In the rare instance a principal exempts a student from the FRC math sequence, the student would be required to pass Math I and Math II and two other application-based math courses.</i>
Science	3 Credits A Physical Science course, Biology, Earth/ Environmental Science	3 Credits A Physical Science course, Biology, Earth/ Environmental Science	3 Credits A Physical Science course, Biology, Earth/ Environmental Science	2 Credits OCS Applied Science and OCS Biology	3 Credits A Physical Science course, Biology, Earth/ Environmental Science	3 Credits A Physical Science course, Biology, Earth/ Environmental Science
Social Studies	3 Credits Civics and Economics, US History, World History	3 Credits Civics and Economics, US History, World History	3 Credits Civics and Economics, US History, World History	2 Credits OCS American History I and OCS American History II	3 Credits Civics and Economics, US History, World History	4 Credits World History (or AP World History), American History I: The Founding Principles and American History II (or AP US History + one additional Social Studies elective), and Civics and Economics
World Language	Not required	Not required*	2 Credits in the same language	Not required	Not required for graduation. Required to meet MAR (minimum application requirements) for UNC system.	Not required for graduation. Required to meet MAR (minimum application requirements) for UNC system.

For Ninth Graders Entering in 2000-2001 through 2008-09				Available for Ninth Graders 2000 – >	For Ninth Graders Entering in 2009-10 – 2011-12	For Ninth Graders Entering in 2012-13 and Later
Health and Physical Education	1 Credit Health/Physical Education	1 Credit Health/Physical Education	1 Credit Health/Physical Education	1 Credit Health/Physical Education	1 Credit Health/Physical Education	1 Credit Health/Physical Education
Specific Electives				Occupational Preparation: 6 Credits Occupational Preparation I, II, III, IV** Elective credits/ completion of IEP objectives/ Career Portfolio required	6 Credits required 2 Elective credits of any combination from either: – Career and Technical Education (CTE) – Arts Education – Second Languages 4 Elective credits strongly recommended (four course concentration) from one of the following: – Career and Technical Education (CTE) – JROTC – Arts Education (e.g. dance, music, theater arts, visual arts) – Any other subject area (e.g. mathematics, science, social studies, English, or cross-disciplinary)	6 Credits required 2 Elective credits of any combination from either: – Career and Technical Education (CTE) – Arts Education – World Languages 4 Elective credits strongly recommended (four course concentration) from one of the following: – Career and Technical Education (CTE) – JROTC – Arts Education (e.g. dance, music, theater arts, visual arts) – Any other subject area (e.g. mathematics, science, social studies, English, or cross-disciplinary)
Career Technical	4 Credits in Career/ Technical Select courses appropriate for career pathway to include a second level (advanced) course; OR	4 Credits Select courses appropriate for career pathway to include a second level (advanced) course.	Not required	4 Credits Career/ Technical Education electives		
JROTC	4 Credits in JROTC; OR					
Arts Education (Dance, Music, Theatre Arts, Visual Arts)	4 Credits in an Arts Discipline Select courses appropriate for an arts education pathway to include an advanced course					
	Recommended: at least one credit in an arts discipline	Recommended: at least one credit in an arts discipline	Recommended: at least one credit in an arts discipline	Recommended: at least one credit in an arts discipline	Recommended: at least one credit in an arts discipline	
Additional Electives	8	8	9		5	4
Total	26 Credits	26 Credits	26 Credits	22 Credits	26 Credits	26 Credits

*A student pursuing a College Tech Prep course of study may also meet the requirements of a College/University course of study by completing 2 credits in the same second language and one additional unit in mathematics.

**Completion of 300 hours of school-based training, 240 hours of community-based training, and 360 hours of paid employment.

***N.C.G.S. 115C-81(b) allows exceptions for students who have an IEP (Individualized Education Plan) that identifies them as Learning Disabled in math and states that the disability will prevent them from mastering Common Core Math I (formerly Algebra I) and above.

****Any student graduating in or after 2015 is required to successfully complete CPR instructions as outlined in NCGS 115c-81(e).

SCHEDULING HIGH SCHOOL COURSES FOR MIDDLE SCHOOL STUDENTS

As outlined in SBE Policy GCS-M-001, students have the opportunity to earn high school credit while in middle school. WCPSS has determined that the following courses will be available to middle school students beginning the 2014-15 school year.

Please note that teacher-led courses taught for high school credit at the middle school level may require specific teacher certification

Course Name	Course Code if offered on NCVPS	Course Code if offered at Middle School or WCPSS Online
English/Language Arts		
English I	10212Y0V	10212Y0
Mathematics		
Math I	21032Y0V	21032Y0
Math II *	22012Y0V	22012Y0
Math III *	23012Y0V	23012Y0
Precalculus	24032Y0V	24032Y0
World Language		
<i>Students interested in taking a world language other than Spanish or French should contact the counselor.</i>		
French I	11012Y0V	11012Y0
Spanish I	11412Y0V	11412Y0
French II	11022Y0V	11022Y0
Spanish II	11422Y0V	11422Y0
Science		
<i>These courses must be taken in addition to 6-8 Science courses.</i>		
Earth/Environmental Science	35012Y0V	35012Y0
Physical Science	34102Y0V	Teacher-led course not available
Social Studies		
<i>These courses must be taken in addition to 6-8 Social Studies courses.</i>		
World History	43032Y0V	Teacher-led course not available

If schools are unable to accommodate the scheduling of the courses as teacher-led courses, then the courses may be taken online via NCVPS. (See chart for details). **Math courses can be substituted for grade level math courses. All other courses will be taken in addition to, not in place of, the prescribed curriculum (i.e. Earth Science does not replace 8th grade science).**

Course codes for high school courses available for middle school students are noted above in the chart. **These are the only courses that middle school students are eligible to take for high school credit.**

* MS students do not receive Honors credit

**Face-to-face teacher must be certified to teach Earth Science

HIGH SCHOOL COURSES FOR MIDDLE SCHOOL STUDENTS FAQ

Frequently Asked Questions

World (Foreign) Language Courses for High School Credit

- 1. Do exploratory world language classes (6th grade, 9 week) count towards earning the high school credit?**
No. Exploratory or Introductory world (foreign) language classes do NOT count towards earning high school credit due to the limited amount of instructional time.
- 2. Which course(s) must students successfully complete in order to earn one unit of high school credit?**
Successful completion of all courses included in the Level I Curriculum series
- 3. When will the exit exam be given?**
The exit exam will be given after the completion of the Level I Curriculum courses.
- 4. To whom will the exam be given?**
The exam will be given to students who have completed the Level I Curriculum courses.
- 5. Are students required to take the exam?**
Yes. Students enrolled in Advanced Spanish; Advanced French, Spanish IB, or French IB are required to take the exit exam to assist with placement in the appropriate high school level Spanish (or French) course.
- 6. Is passing the Exit Exam a requirement for earning course credit?**
Yes. A student must pass the exit exam in order to earn the course credit.
- 7. Can a student repeat Level I of a world language for credit at the high school level?**
No. While a student may repeat a course that he/she has passed, he/she may not receive credit for the same course twice.
- 8. If a student earns one credit at the middle school level, will he/she have to take world language courses at the high school level as well?**
Yes. Students who have earned one unit of credit in middle school and wish to meet minimum UNC-System admission requirements must take Level II at the high school level. Additionally, students are advised to continue their study of world languages in Levels III and IV since Honors level courses are recommended for college/university admissions.
- 9. Will the grades earned in world language courses appear on the high school transcript?**
Yes. The grade will be listed on the transcript under Grade 8 with one unit of credit.
- 10. Will the grade earned be included the student's high school grade point average (GPA)?**
No. Only courses taken during the high school years will be included the student's grade point average.

Mathematics Courses for High School Credit

1. Which course(s) may students successfully complete in order to earn one unit of high school credit?

Students may successfully complete Math I, Math II, Math III or another higher level math course.

2. Is there a placement exam?

No. Students who successfully complete mathematics courses may be placed in the next level of mathematics.

3. Are students required to take a standard exam for credit?

Students taking Math I must take the Math I End of Course Test, which counts as 25% of their final grade. Students taking Math II, Math III, or Precalculus must take the NC Final Exam for that course, which counts as 20% of their final grade.

4. Can a student repeat a mathematics course for credit at the high school level?

Students are permitted to repeat a course to build a stronger foundation for future learning. Students wishing to do this should make a written request to their principal or principal's designee. When students choose this option, please note:

- Both grades will appear on the high school transcript.
- Only grades earned in high school will be calculated into GPA and class rank.
- Students will receive elective credit for their second attempt with the course.
- Where the course includes an End-of-Course-Test or NC Final Exam, the student will have to take the exam again.

5. If a student earns credit at the middle school level, will he/she have to take additional courses at the high school level as well?

Yes. Students who have earned one (or more) units of credit in middle school must take three (or fewer) additional mathematics units at the high school level, for a total of four math credits.

6. Will the grades earned in mathematics courses appear on the high school transcript?

Yes. The grade will be listed on the transcript under Grades 6, 7, or 8 with one unit of credit.

7. Will the grade earned be included the student's high school grade point average (GPA)?

No. Only courses taken during the high school years will be included the student's grade point average.

NORTH CAROLINA ACADEMIC SCHOLARS RECOGNITION

Students who complete the requirements for this academically challenging high school program are named North Carolina Academic Scholars and receive special recognition, including as a seal attached to their diplomas. Students must:

- Complete all the requirements of the North Carolina Academic Scholars Program.
- Have an overall four-year un-weighted grade point average of 3.500
- Complete all requirements for a North Carolina high school diploma.

Students Entering 9th Grade in 2012-2013 and beyond	
Credits	Courses
4	English: English I, II, III, IV
4	Mathematics: Math I, II, III, and a higher level math course with Math III as prerequisite.
3	Science: Physics or Chemistry, Biology, and Earth/Environmental Science
4	Social Studies: World History, Civics/Economics, American History I and II
1	Health and Physical Education
6	Two (2) elective credits in a second language required for the UNC System Four (4) elective credits constituting a concentration recommended from one of the following: Career and Technical Education (CTE), JROTC, Arts Education, Second Languages, any other subject area
3	Three higher level courses taken during the junior and/or senior years which carry 5 or 6 quality points, such as: -AP / IB -Dual or college equivalent course -Advanced CTE/CTE credentialing courses -On-line courses -Other honors or above designated courses
2	OR Two higher level courses taken during the junior and/or senior years which carry 5 or 6 quality points, such as: -AP / IB -Dual or college equivalent course -Advanced CTE/CTE credentialing courses -On-line courses -Other honors or above designated courses
And	Completion of The North Carolina Graduation Project
Total Credits	25 or 24+ NCGP

UNIVERSITY OF NORTH CAROLINA SYSTEM MINIMUM ADMISSION REQUIREMENTS

While these are minimum requirements in the UNC system, some campuses require a more competitive transcript for final admission. Starting in the fall of 2013, students admitted to the UNC system will have to show a minimum of 2.5 high school grade point average and at least 800 on the SAT or 17 on the ACT. Private colleges may have different admission requirements. Students should consult their school counselors and college websites for further information.

UNC SYSTEM ADMISSION (Effective Fall 2006)
Six (6) credits in language , including <ul style="list-style-type: none">• Four (4) credits in English emphasizing grammar, composition, and literature, and• Two (2) credits of a language other than English
Four (4) credits in mathematics* in any of the following combinations: For students entering high school prior to 2012-13: <ul style="list-style-type: none">• Algebra I and II, Geometry, and one credit beyond Algebra II• Algebra I and II, and two credits beyond Algebra II, or• Integrated Mathematics I, II, and III and one credit beyond Integrated Mathematics III For students entering high school in 2012-13 and beyond: <ul style="list-style-type: none">• Math I, II, III and one credit beyond Math III <p>*It is recommended that prospective students take a mathematics credit in the twelfth grade.</p>
Three (3) credits in science , including <ul style="list-style-type: none">• At least one (1) credit in a life or biological science (for example biology),• At least one (1) credit in a physical science (for example, physical science, chemistry, physics), and• At least one (1) laboratory course
Two credits in social studies , including, <ul style="list-style-type: none">• One (1) credit in United States history** <p>**An applicant who does not have a credit in U.S. history may be admitted on the condition that at least three (3) semester hours in that subject will be passed by the end of the sophomore year.</p>

PROMOTION REQUIREMENTS

High school students shall be promoted by attaining credits that are earned through successful completion of specific required courses as illustrated in the following (Note: The appropriate English credit is required for promotion each year.):

Apex, Athens Drive, Broughton, Cary, East Wake School Of Arts, Education & Global Studies, East Wake Engineering Systems, East Wake Health Science, East Wake Integrated Technology, Fuquay-Varina, Garner, Green Hope, Heritage, Holly Springs, Knightdale, Leesville Road, Middle Creek, Millbrook, Panther Creek, Rolesville, Sanderson, Wake Forest, Wakefield High Schools – beginning with students entering ninth grade for the first time in 2003-2004 and beyond.

Southeast Raleigh High School – beginning with students entering ninth grade for the first time in 2009-10.

From Grade	Promotion Criteria	Credits
9	English I, two credits in the areas of mathematics, social studies, or science, and three additional credits	6
10	English II, one credit in mathematics, one in social studies, one in science, and two additional credits	12
11	English III and enrollment in a program which, if successfully accomplished, will result in the completion of graduation requirements	18

Enloe, Longview, Phillips, and Wake Early College of Health and Sciences. Wake-NC State University STEM Early College, Wake Young Men’s Leadership Academy, Wake Young Women’s Leadership Academy, and CTE High School--beginning with students entering ninth grade for the first time in 2001-2002 and beyond.

Southeast Raleigh High School Students entering ninth grade for the first time in 2001-2002 through 2008-2009.

From Grade	Promotion Criteria	Credits
9	English I, two credits in the areas of mathematics, social studies, or science, and one additional credit	4
10	English II, one credit in mathematics, one in social studies, and one in science	8
11	English III and enrollment in a program which, if successfully accomplished, will result in the completion of graduation requirements	14

Students should check with their counselors for information on additional promotion requirements.



COURSE REQUIREMENTS

COURSE LOADS

In the high schools, each student shall carry a course load equal to the number of instructional periods in the school day, unless special permission is given to the student by the principal. Students approved for Career and Technical Cooperative Education programs or for dual enrollment in post-secondary schools are exempt from this policy.

COURSE SELECTION

No two required English courses may be taken concurrently except in extenuating circumstances as approved by the principal.

Each student served by the Wake County Public School System may request any course listed in this program guide. The system has the potential of offering each course, subject to sufficient minimum student enrollment and adequate staffing and materials. Additionally, due to facility limitations, some courses can be taught only in certain schools. A student who wants to pursue a program of study not available in the school to which he/she is assigned should request a transfer through the Office of Student Assignment. Students granted a transfer for course selection must provide their own transportation.

COURSE WITHDRAWAL PENALTY

Students are not allowed to drop a course after the first ten days of school. If a student withdraws after the ten-day period, a failure (WF) is noted as the grade, and the course is counted as a course attempted with no quality points earned. This action will result in a lower grade point average for the student.

CLASS RANK

There shall be periodic compilations of class rankings in high school for the purpose of making an individual student's class rank available to the student, his/her parents, and to other institutions, such as colleges/universities for the purpose of college/university admission and/or scholarships.

To determine class rank, each high school uses final course grades, dividing the total number of quality points earned by the total number of units of credit attempted. The results are rounded to the fourth decimal place. Advanced Placement (AP) courses carry two extra quality points, and honors (HN) courses carry one extra quality point. This program guide designates courses with weighted credit with an "AP" or "HN." To obtain information about which courses carry weighted credit, as well as general information about class rank, students should consult with their counselors. A Senior Honors Rank is calculated through the third nine weeks of the senior year for any senior honors or awards. At Enloe, Broughton, and Millbrook the Senior Honors Rank is calculated through the seventh semester.

NEW ENROLLEES

Information on school assignment can be obtained by accessing the WCPSS School Assignment website at <http://assignment.wcpss.net/>, calling the Office of Student Assignment at 919-431-7400, or contacting a nearby school. School contact information can be found at <http://www.wcpss.net/school-directory/>.

After determining school assignment, the parent(s) or court-appointed custodian(s) should **contact the school for an appointment** and present the following items directly to the school regardless of grade level of student:

- Proof of residence in the form of a recently dated electric, gas, or water bill, a newly signed lease agreement or a signed purchase agreement with a closing date within 45 days or closing statement in the name of the parent(s) or court-appointed custodian (telephone, cable television bill and driver's licenses do not qualify),
- A certified copy of the child's birth certificate,
- Immunization record,
- A copy of the most recent report card or school transcript (if available).

For all other exceptions to the above information, contact the Office of Student Assignment.

TRANSFER CREDIT

Students transferring into a Wake County Public School System high school from another school, private or public, a home school, or an alternative school may receive credit toward graduation for courses successfully completed in the sending school. 2009 and beyond, may be able to earn high school credit in certain areas. Please see page 12 for further information.

Students transferring from a non-magnet WCPSS school to another WCPSS school will receive:

- A. Credit for all courses approved by the sending school.
- B. Weighted credit for all courses designated as Honors or AP by the sending school.

Students transferring from a magnet WCPSS school to another WCPSS school will receive:

- A. Credit for all courses approved by the sending school.
- B. Weighted credit for all courses designated as Honors or AP in the non-magnet WCPSS High School Program Planning Guide that was in effect the year the courses were taken or the magnet planning guide of the receiving magnet school.

Students transferring from another public school system or from a charter school into the WCPSS will receive:

- A. Credit for all courses approved by the sending school.
- B. Weighted credit for all courses designated by the sending school system as Honors or AP only if comparable courses are designated Honors or AP in the non-magnet WCPSS High School Program Planning Guide that was in effect the year the courses were taken.

Students transferring from a non-public school accredited by one of the six regional accrediting associations* into the WCPSS will receive:

- A. Credit for all courses approved by the sending school.
- B. Weighted credit for all courses designated by the sending school system as Honors or AP only if comparable courses are designated Honors or AP in the non-magnet WCPSS High School Program Planning Guide that was in effect the year the courses were taken.

Upon review and approval by the principal, students transferring into a WCPSS school from a non-public school not accredited by one of the six regional accrediting associations* or from a home school may receive credit toward graduation for courses successfully completed in the non-accredited, non-public school according to the following guidelines:

- A. Documentation must be provided to the receiving WCPSS school by the sending school as to the course of study the student followed, materials used, total number of contact hours per course, and scores of any standardized tests the student has taken.
- B. Grades will be recorded as "Pass" (P) or "Fail" (F) and will be identified on the transcript as non-WCPSS grades.
- C. Grades and credits will not be included in the calculation of GPA or class rank.

Students reentering a WCPSS school after being long-term suspended (suspended for 365 days), or expelled from the Wake County Public School System may earn credits toward graduation and/or promotion to the next grade for courses successfully completed during the period of suspension while enrolled in a non-WCPSS public school, NCVPS, a private school (accredited or non-accredited), an institution of higher education, or a home school program; or while attending a WCPSS alternative school/program or receiving homebound instruction. The principal will review the student's record as provided by the sending school, home school teacher, or the homebound teacher to determine if credit should be granted for the courses successfully completed. If credit is granted, it will be recorded in accordance with the appropriate transfer procedure.

To the extent possible, students who transfer among schools in Wake County or who transfer into the WCPSS in the middle of an academic year will be enrolled in courses that are similar to those in which they had been enrolled at their previous school. In the event that, due to course offerings in the new school, a student is unable to enroll in a course that is similar to one in which he or she had been enrolled, the student will be given the opportunity to enroll in an alternate course that will not result in the denial of credit to the extent practical in the school setting; for example, if the student can "catch up" in the class or perform adequately without having completed the first part of the class. Determination of credit for transfer students will be based on a review of individual circumstances. The school system does not guarantee course credit if a student is unable to complete a course due to a transfer.

*Middle States, New England, North Central, Northwest, Southern, and Western Associations

EARLY GRADUATION

(Six semesters or less)

For graduation prior to one's class, a student must:

- A. Show satisfactory mastery of high school academic skills and concepts;
- B. Show a need for early graduation; and
- C. Meet the graduation course and testing requirements that were effective the year he/she entered ninth grade for the first time.

Procedures for Early Graduation:

1. The parent(s)/court appointed custodian(s) of a student may request early graduation for the student by filing a written request with the school principal at least thirty days prior to the beginning of the student's last semester of enrollment.
2. The principal, with a committee of the local school staff, considers the request and approves or denies graduation prior to one's class on an individual case-by-case basis, subject to the criteria stated above.

Students who plan to complete college admission requirements early in their high school career are encouraged to meet with their school counselor regarding college opportunities.

MID-YEAR GRADUATION

(After seven semesters)

Seniors, who wish to graduate at the mid-year of their senior year through acceleration, will need to consult with their school counselor regarding graduation credits and all local requirements prior to the beginning of the seventh semester.

TRANSCRIPTS

WCPSS high schools use the College Foundation of North Carolina (CFNC) Electronic Transcript as the primary method of sending senior transcripts to institutions of higher education in North Carolina. All North Carolina colleges, universities and community colleges accept the CFNC Electronic Transcript. These transcripts are free to current seniors and are sent within one day of the request through the student CFNC account online. More information can be found at www.cfnc.org.

WCPSS high schools provide each currently enrolled high school student with three official transcripts per year at no charge. After receiving written permission from the parent, these transcripts will be sent to any college, university, or organization requested. There will be a \$5.00 charge for each additional paper transcript, after the first three. In order for a paper transcript to be "official," it must be sent from the high school office to the college, university, or organization without the student or parent handling it.

Transcripts may be requested online via your high school's website or <https://wcpss.scriborder.com>.

In addition to the three free transcripts, there is no charge for the following:

- Mid-year senior year transcript
- Final transcript after graduation
- Transcript for any scholarship or award requested by the high school scholarship committee

Consult your school counselor or registrar for more information on sending transcripts.

GRADING SYSTEM

QUALITY POINTS for students entering 9th grade prior to 2015-16:

LETTER GRADE	STANDARD COURSES	HONORS COURSES	AP COURSES
A	4	5	6
B	3	4	5
C	2	3	4
D	1	2	3
F	0	0	0
FF	0	0	0

QUALITY POINTS for students entering 9th grade in 2015-16 and beyond:

LETTER GRADE	STANDARD COURSES	HONORS COURSES	AP COURSES
A	4	4.5	5
B	3	3.5	4
C	2	2.5	3
D	1	1.5	2
F	0	0	0
FF	0	0	0

Note: Students will receive one extra quality point for Community College courses approved by the Comprehensive Articulation Agreement (CAA)*. Independent college and UNC system courses will also earn one extra quality point. Official AP and IB courses and upper division courses will earn two extra quality points. N.C. State Board of Education Policy GCS – L – 004.

* <http://www.northcarolina.edu/aa/articulation/index.htm>

GRADING SCALE for students entering 9th grade prior to 2015-16:

A = 93 – 100 B = 85 – 92 C = 77 – 84 D = 70 – 76 F = less than 70
 I = incomplete WP = withdrawal, no penalty WF = withdrawal with an F FF = failed for violation of attendance policy

GRADING SCALE for students entering 9th grade in 2015-16 and beyond:

A = 90 – 100 B = 80 - 89 C = 70 - 79 D = 60 – 69 F = less than 60
 I = incomplete WP = withdrawal, no penalty WF = withdrawal with an F FF = failed for violation of attendance policy

GRADING PERIODS / INTERIMS / REPORT CARDS

Report cards are issued to students every nine weeks. Interim reports are issued to all students at the mid-point of the first and third nine weeks. Students who are failing or whose grade has fallen a letter grade receive an interim report at the mid-point of the second and fourth grading periods.

ACADEMIC HONORS

Grade point averages are calculated and rounded off to four decimal places. Class rank is calculated based on that four-decimal place grade point average. Graduating seniors who have excelled academically are recognized for their achievement.

FINAL EXAMS

North Carolina requires one of two types of final exams to be administered to selected high schools courses: and End-of-Course test (EOC) or a NC Final Exam. Both types of assessments are used to sample a student's knowledge of subject-related concepts and to provide a global estimate of a student's mastery of the material in a particular course. In addition, End-of-Course tests are part of the NC Ready Accountability model used to assess schools and districts. Both EOCs and NC Final Exams are also used to assess teacher and school effectiveness.

NORTH CAROLINA ASSESSMENT REQUIREMENTS

END-OF-COURSE TESTS

End-of-Course (EOC) tests will be administered for the following courses:

Math I Biology English II

In all courses with an End-of-Course test, the EOC test shall count as 25% of the student's final grade.

NORTH CAROLINA FINAL EXAMS

NC Final Exams will be administered for the following courses*:

English	Social Studies	Science	Mathematics
English I	Civics and Economics	Physical Science	Math II
English III	World History	Chemistry	Math III
English IV	American History I	Physics	Advanced Functions & Modeling
	American History II	Earth/Environmental Science	Discrete Mathematics
			Precalculus

***Note:** This list is subject to change. For more information, visit the North Carolina Department of Public Instruction Accountability department's website for NC Final Exams: <http://www.ncpublicschools.org/accountability/common-exams/>

In all courses with a NC Final Exam, the test shall count as 20% of the student's final grade.

In courses without a state assessment, the final exam shall count as 20% of the student's final grade.

Alternative Programs of Study

ACADEMICALLY OR INTELLECTUALLY GIFTED SERVICES

Academically or Intellectually Gifted (AIG) students may be identified in English/Language Arts, mathematics, or in both areas. Students who qualify for the AIG program are served through self-selected courses within specified Honors and/or AP English classes and/or in specified advanced level mathematics courses. These courses are designed to provide challenges and appropriate instruction for very capable students through more frequent use of higher level skills and concepts and development of advanced, independent research projects.

ADVANCED PLACEMENT PROGRAM

The Advanced Placement (AP) Program offers students the opportunity to engage in rigorous college-level course work in a high school setting. AP courses support students in cultivating important skills and habits of mind that are essential for college and career readiness. Additionally, students may receive higher consideration for admission to colleges and universities, as well as possible college or university course credit and/or placement.

WCPSS offers numerous AP courses throughout the district in the areas of Arts Education, World Languages, English Language Arts, Science, Mathematics, and Social Studies. Specific course offerings vary from school to school.

DUAL ENROLLMENT OPPORTUNITIES

Dual Enrollment gives WCPSS middle and high school students the opportunity to take approved courses for high school credit at regionally accredited institutions including Institutions of Higher Education (IHE), community colleges, NCVPS, and Non-WCPSS secondary schools. Courses taken must provide opportunities not currently available to the student at the middle school or high school, including courses of an advanced and/or expanded nature. High school graduation credit and grades as applicable will be awarded by the base school when the official grade report for the course taken is received at the base school. Quality points will be calculated as defined in the Wake County Public School System High School Program Planning Guide. The student's official high school transcript will include grades and credit earned through dual enrollment. For students in grades 9-12, the grades earned through dual enrollment will factor into the cumulative grade point average and class rank.

General Policies, Eligibility Guidelines, and Application Process

1. The course must be part of the student's comprehensive course of study.
2. The course must provide opportunities not currently available to the student at the student's school.
3. The student must be enrolled for at least 1/2 of the school day and progressing toward graduation at the base school.
4. The student must complete the Dual Enrollment/Cooperative Agreement Enrollment Form and have the signed approval of the principal or principal designee prior to registering for the course.
5. The student must contact the cooperating institution and complete all admission and registration or other requirements as requested by the IHE, community college or Non-WCPSS secondary school. The student must provide his or her own transportation, be responsible for any fees, and follow all rules, regulations and calendars as set by the cooperating institution. School personnel will assist with student enrollment on NCVPS.
6. The student will be responsible for providing an official grade report directly to the base school as evidence of dual enrollment course completion directly to the base school. The course will be added to the student's transcript and an Incomplete (I) will be noted until the official grade is received. If a transcript is not received, the grade will convert from an I to an F, and an F will be calculated on the transcript. Once a student is enrolled, the course cannot be dropped without permission of the principal and following proper procedures of the cooperating institution.
 - University or college transfer courses of three to five (3-5) hours will receive one credit at the base school.
 - Community college courses of at least forty-nine (49) contact hours will receive one-half credit at the base school. Community college courses of at least ninety-nine (99) contact hours will receive one credit at the base school.
7. The student must take IHE, community college, NCVPS or Non-WCPSS secondary school courses for **graded** credit in order to earn a high school credit.
8. Quality points will be calculated as defined in the WCPSS High School Program Planning Guide.
 - Students will receive one extra quality point for Community College courses approved by the Comprehensive Articulation Agreement.
 - Introductory courses from Independent colleges and the UNC system schools will earn one extra quality point.
 - Advanced course from Independent colleges and the UNC system schools will earn two extra quality points.
 - Weighted credit will be awarded for a course designated by the sending Non-WCPSS secondary school as honors or AP only if a comparable course is designated honors or AP in the current non-magnet WCPSS High School Program Planning Guide.

MARY E. PHILLIPS HIGH SCHOOL

Mary E. Phillips High School extends an invitation to any Wake County High School student who has not reached his or her potential within a traditional school setting. Our philosophical approach and curriculum offer students the opportunity to obtain a high school diploma and a new view of themselves as capable, competent young adults. The school curriculum is designed to prepare students to continue their education after high school. Academic needs are met through flexible scheduling, individualized programs, and small class sizes. Varied elective courses are part of the curriculum with day and evening scheduling.

Independent study, tutorial assistance, library/media services, and state-of-the art technology enhance our academic program. All students have access to information through technological resources in school and at home.

Mary E. Phillips High School offers courses on a block schedule, which enables students to complete yearlong courses in one semester, in addition to the small class size and the opportunity for a flexible schedule.

LONGVIEW SCHOOL

Longview School offers an alternative learning program for students who have experienced difficulty in a traditional setting as indicated by their special needs. Student assignments are made by an IEP committee that includes Longview staff members.

PROGRAMS FOR EXCEPTIONAL STUDENTS

Students who meet state criteria for Special Education are eligible for special services. After the required evaluations have been completed by the appropriate staff, an Individual Education Program (IEP) is developed by a committee that considers each student's strengths and weaknesses. The IEP is a document that specifically states the services a child receives, along with goals and objectives. Special Education courses are included in the Course Descriptions section of this guide.

Special Education services are provided to an identified student with special needs from the following continuum:

- The regular teacher receives consultation from a Special Education teacher.
- Special education/related services are provided in a regular classroom.
- Special education/related services are provided part time in a setting outside the regular classroom.
- Special education/related services are provided full time in a setting outside the regular classroom.

For more information about these programs, students should see their counselors.

STUDY ABROAD

For a student to take courses abroad and receive high school credit in Wake County, careful planning based on outlined procedures is required. Credit may be given for those courses that have substantial equivalency to a Wake County high school course in content and hours as documented by a syllabus from the school.

Grades earned in courses taken abroad are not included in the calculation of the student's grade point average. A notation of "Pass" (P) or "Fail" (F) will be made on the permanent record. This procedure, while resolving the problem of incompatible grading systems, may affect a student's ability to qualify as a "North Carolina Academic Scholar" and other academic recognitions.

A. Responsibilities of the Student

1. File "Request for Credit for Study Abroad" by July 1 of the year preceding the proposed study; approval cannot be granted until the student submits a copy of the syllabus of the course(s) for which credit is requested. The hours of study and grading system in the course(s) must be included.
2. Notify his/her principal and receive approval for any course changes by December 31 of the year prior to his/her study abroad.
3. Mail to his/her Wake County high school a copy of the first semester grade report received on approved courses.
4. Schedule and take required End-of-Course tests and teacher examinations of the Wake County course(s) for which substitution is to be made. This requires the student to be available one week prior to graduation from high school (June or August graduation is available).
5. Notify the school of any changes in permanent address and telephone numbers.

B. Responsibilities of the School

1. Approve or deny "Request for Credit for Study Abroad" no more than two weeks after course syllabus is presented.
2. Administer required End-of-Course tests and teacher examinations to students.
3. Enter an E-1 on the last day of school on the principal's monthly report for students studying abroad.

NORTH CAROLINA VIRTUAL PUBLIC SCHOOL

I. Definition of Virtual Programs

“Virtual learning” means registered students can take classes using their own computers over the Internet. Course content, assignments and demonstrations are provided on an anytime, anywhere basis. Students use email, instant messaging and online chat forums to interact with their teachers and other students. Teachers and students may talk to one another over the phone or over their computers. When students complete assignments, they can send their papers or tests to their teacher electronically. Grading and individual remarks are sent from the teacher to the student in the same way.

II. State-Sanctioned Virtual Programs

The North Carolina Department of Public Instruction, in partnership with North Carolina’s Distance Learning System, North Carolina Virtual Public School, Local Education Agencies (LEA), and the North Carolina University System, gives public school students the opportunity to take a wide array of online courses outside the normal school day or during the school day.

The state-sanctioned virtual (online) programs are available to students as individual school resources allow. Participation in these programs requires the completion of the Dual Enrollment Form and principal approval.

The following NCVPS information can be found at www.ncvps.org.

North Carolina Virtual Public School (NCVPS)

The North Carolina Virtual Public School, which began in June 2007, is a division of the North Carolina Department of Public Instruction that offers online courses to public school students of North Carolina, during the school day, at home, or anywhere they have computer access.

III. Student Enrollment

Students must complete the following steps in order to enroll in online courses.

Steps to Register for Online Courses:

1. Student meets with school-based eLearning Advisor (ELA) to discuss online options and determine eligibility.
2. Student and parent/guardian submit completed Dual Enrollment Form to his/her school counselor for Principal approval.
*Students may be asked to sign a Statement of Academic Integrity in which they promise to uphold the WCPSS Code of Conduct and promote academic integrity while taking online courses.
3. The ELA determines if the student has any modifications and shares that information with the course instructor.

Note: Please visit www.ncvps.org for a complete list of computer requirements

IV. Criteria for Course Selection

- The course must provide opportunities not currently available to the student at their school.
- Selection of online courses must follow recommended and required prerequisites as listed in the Middle and High School Program Planning Guides.
- Students enrolled in a full, daily schedule at their school may take one online course. Students enrolled in a half-day schedule may take two online courses.
- Any course that requires an End-of-Course test is approved at principal’s discretion.

V. Considerations for Summer Study:

- Rising 9th grade students wishing to take online courses must secure high school permission through the completion of the Dual Enrollment Form signed by the high school principal.
- Any course that requires an End-of-Course test is approved at principal’s discretion.
- Middle school students have limited summer opportunities based on available personnel.
- Any student enrolled in an EOC or VoCAT course is required to take the final exam at his/her base school.

VI. Student Eligibility

Students wishing to enroll in an online course must be able to:

- read on grade level as demonstrated by a passing score on the previous Reading EOG or English I EOC
- access the internet daily, browse the internet, use a clickable menu, send email, and upload and download attachments as demonstrated on the computer survey

- communicate effectively, as most courses require simultaneous discussions with the teacher and other students using web tools such as Blackboard, Moodle, etc.
- work at rigorous daily pace set by the instructor
- meet deadlines and manage course assignments
- discipline themselves to commit to 5 to 10 hours per week per course to complete work

VII. Instructional Resources

Textbooks

While NCVPS is making strides to provide online textbooks for all courses, there are some courses that require traditional textbooks. When possible, the school will provide district adopted textbooks for students. The list of courses that require textbooks not available online can be found on the NCVPS website as well as suggestions for where to buy them. Schools may limit students to courses that utilize district adopted textbooks.

Note: Due to budgetary restraints schools may request that parents purchase any required textbooks that are not available online or readily available in their building.

Science Labs

Some science courses require lab participation and caution should be exercised when approving students to take these courses. Some online labs are available through 'lab bench', however others are not. Descriptions of AP science courses should be examined carefully before enrollment to determine if labs are available online or if the course requires participation in labs on campus.

Course Specific Materials

Other than the textbook, any additional resources (such as digital cameras, handheld devices, MIDIs, etc.) required by the instructor of the online course are the sole responsibility of the student.

Arts Education Courses

Previous performance in Arts Education courses and teacher recommendation should be considered in course selection. Arts courses may be repeated for credit including Honors level courses.

VISUAL ARTS

VISUAL ARTS - BEGINNING

54152X0A

1 CREDIT

This course introduces the elements and principles of design through an exploration of a broad range of media. Activities emphasize skills and techniques in the following areas: drawing, painting, graphics, fibers, ceramics, art history, and three-dimensional design (fibers, ceramics, etc.).

VISUAL ARTS - INTERMEDIATE

54162X0A

1 CREDIT

Recommended prerequisite(s): Visual Arts – Beginning or portfolio

This course offers an in-depth study of design through repeated use of art elements and principles, while expanding technical abilities. Design is taught through experiences in the following areas: drawing and painting, art history printmaking (silk screening, lino cuts and/or woodcuts), and three-dimensional design (wood, clay, fibers).

VISUAL ARTS - PROFICIENT (HONORS)

54175X0A

1 CREDIT(HN)

Recommended prerequisite(s): Visual Arts – Intermediate or portfolio

This level of advanced art involves more in-depth knowledge of processes, media, history, and the development of art. Students understand and apply all skills through a variety of media. Success at the honors level requires rigorous study, excellence in design and production, and extensive knowledge of a variety of art forms. Students are encouraged to explore a variety of media, to produce experimental culturally significant works of art, and to gain an extensive knowledge of art history.

VISUAL ARTS - ADVANCED (HONORS)

54185X0A

1 CREDIT(HN)

Recommended prerequisite(s): Visual Arts – Proficient or portfolio

This course offers a concentrated study in areas selected cooperatively between the art teacher and the student. Students are challenged by the teacher to evaluate their art products to solve problems in terms of the chosen art media, and learn concepts and skills as they relate to personal art expressions. Students will be working towards specific portfolio goals in Drawing/Painting, Color & Design, artist research, and a concentrated area of study where the work will focus on a specific theme or the student's choosing.

Success at the honors level requires rigorous study, excellence in design and production, and extensive knowledge of a variety of art forms. Students initiate, define, and solve challenging visual arts problems independently using intellectual skills such as analysis, synthesis, and evaluation. Students have in-depth experiences in reflecting upon and assessing the characteristics and merits of their work and the work of others.

DANCE

MODERN DANCE - BEGINNING

51152X0A

1 CREDIT

This course introduces students to movement and choreography through the elements of modern dance. Students will use whole body movements, strength, flexibility, endurance, and proper alignment to develop dance technique. Students will use dance to explore concepts in world history and relate them to significant events, ideas, and movements from a global context. Students will use appropriate behaviors and etiquette while observing, creating and performing dance. Dance attire is required and will be determined by the teacher. Participation in class, after-school rehearsals, and performances is expected.

MODERN DANCE - INTERMEDIATE

51162X0A

1 CREDIT

Recommended prerequisite(s): Audition or portfolio review using the WCPSS Placement Assessment Tool

This course continues the development of intermediate movement skills and choreography through an enhanced application of modern dance techniques. Students apply technical skills from a variety of dance forms to enhance performance at an intermediate level. Students will use dance to explore concepts in world history and relate them to significant events, ideas, and movements from a global context. Students will use appropriate behaviors and etiquette while observing, creating and performing dance. Dance attire is required and will be determined by the teacher. Participation in class, after-school rehearsals, and performances is expected.

MODERN DANCE - PROFICIENT (HONORS)

51175X0A

1 CREDIT(HN)

Recommended prerequisite(s): Modern Dance – Intermediate or audition

Technical skills and aesthetic awareness are developed through more challenging dance technique and choreography classes. Success at the proficient level requires rigorous study in technique, performance, dance history, anatomy and deep aesthetic awareness. In addition, students demonstrate dance literacy through research-based projects and dance criticism. Dance attire is required and will be determined by the teacher. Participation in class, after-school rehearsals, and performances is expected.

THEATRE ARTS

THEATRE ARTS - BEGINNING

53152X0A

1 CREDIT

This course introduces students to the basic aspects of movement, vocal expression, and ensemble work. Class activities include pantomime, improvisation, vocal development, playwriting, and solo/collaborative presentations in acting and theatre production (costumes, lighting, makeup, scenery, and sound). The course offers opportunities to present before an audience.

THEATRE ARTS - INTERMEDIATE

53162X0A

1 CREDIT

Recommended prerequisite(s): Theatre Arts – Beginning or audition

Students continue to develop vocal and physical acting skills (including in-depth character analysis and development) and playwriting. Various acting styles are introduced along with opportunities to explore directing. Students focus on the history and development of theatre in Western Civilization. Class activities include more challenging improvisation, vocal development, solo/collaborative presentations in acting, directing, and theatre production (costumes, lighting, makeup, scenery, and sound). Participation in after-school rehearsals and performances is expected.

THEATRE ARTS - PROFICIENT (HONORS)

53175X0A

1 CREDIT(HN)

Recommended prerequisite(s): Theatre Arts – Intermediate or audition

Students apply acting, directing, playwriting, and production skills developed in previous theatre training. Students produce polished and complex works for an audience. Additional acting styles are introduced and developed. Participating in after-school rehearsals and performances is expected.

CHORAL MUSIC

VOCAL MUSIC – MIXED CHORUS – BEGINNING

52302X0A

1 CREDIT

This introductory course is open to all students who have an interest in singing. In this class, choral literature is studied in both classical and contemporary fields. Some study is given to a review of the mechanics of music, composers, and music appreciation. Emphasis is placed on correct vocal production, proficiency in music reading, and performance skills. Participation in after-school rehearsals and performances is expected.

VOCAL MUSIC – CHORAL ENSEMBLE – INTERMEDIATE

52312X0A

1 CREDIT

Recommended prerequisite(s): Vocal Music – Beginning or audition

Students will demonstrate proficient skills relating to vocal production, music theory knowledge, and performance techniques. This group studies and performs more advanced levels of choral literature, including diverse genres and historical periods. Emphasis is on refined tone quality, balance, intonation, interpretation, and ear-training. Strong sight-reading and musical literacy skills are prerequisite to participate at this level of study.

Students continue developing vocal skills through extensive study of classical and contemporary works. Adequate proficiency in sight-reading and a basic understanding of the fundamentals of music are necessary because of the vast amount of choral literature taught and memorized during the year. Participation in after-school rehearsals and performances is expected.

VOCAL MUSIC – CONCERT CHORUS – PROFICIENT (HONORS)

52325X0A

1 CREDIT(HN)

Recommended prerequisite(s): Vocal Music – Intermediate or audition

Success at the honors level requires rigorous study, excellence in performance, extensive knowledge of all areas of music including music theory, and an in-depth study of a variety of advanced music literature. Participation in after-school rehearsals and performances is expected.

MUSIC APPRECIATION – MUSIC SPECIALIZATION (BEGINNING)

52162X0A

1 CREDIT

This course focuses on music's relationship to other arts disciplines, humanities, and world cultures.

INSTRUMENTAL MUSIC

INSTRUMENTAL MUSIC: BAND – BEGINNING

52552X0A

1 CREDIT

Recommended prerequisite(s): Middle School band or audition

This course introduces basic instrumental music skills. Students focus on the fundamentals of music, correct tone production, balance, intonation, and ensemble playing through the study of simple band literature. Participation in after-school rehearsals and performances is expected.

INSTRUMENTAL MUSIC: BAND – INTERMEDIATE

52562X0A

1 CREDIT

Recommended prerequisite(s): Band – Beginning or audition

Students continue to study the fundamentals of music while performing more advanced literature. Aesthetic awareness and technical ability is developed through a variety of performance opportunities. Participation in after-school rehearsals and performances is expected.

INSTRUMENTAL MUSIC: BAND – PROFICIENT (HONORS)

52575X0A

1 CREDIT(HN)

Recommended prerequisite(s): Band – Intermediate or audition

Students develop their ability to play with increased technical accuracy and expression. Students play more advanced literature representing diverse genres, styles, and cultures.

Success at the honors level requires rigorous study, excellence in performance, extensive knowledge of all areas of music including music theory, and an in-depth study of a variety of advanced music literature. Participation in after-school rehearsals and performances is expected.

INSTRUMENTAL MUSIC: ORCHESTRA – BEGINNING

52402X0A

1 CREDIT

Recommended prerequisite(s): Middle School Strings or audition

This course is designed to introduce students to playing a stringed instrument (violin, viola, cello, and bass). Students will learn the fundamentals or rhythm, not reading, posture, following the conductor and learning to perform as a group. Appropriate use of musical terms, dynamic markings, and the parts and care of stringed instruments are emphasized.

INSTRUMENTAL MUSIC: ORCHESTRA – INTERMEDIATE

52412X0A

1 CREDIT

Recommended prerequisite(s): Orchestra – Beginning or audition

This course further develops technical and artistic skills studied in previous music training. Emphasis is placed on performance of more advanced literature and increased aural discrimination. Participation in after-school rehearsals and performances is expected.

INSTRUMENTAL MUSIC: ORCHESTRA – PROFICIENT (HONORS)

52425X0A

1 CREDIT (HN)

Recommended prerequisite(s): Orchestra – Intermediate or audition

Advanced students continue to improve technical proficiency, greater understanding of music notation, increased aural discrimination, and artistic interpretation.

Success at the honors level requires rigorous study, excellence in performance, extensive knowledge of all areas of music including music theory, and an in-depth study of a variety of advanced music literature. Participation in after-school rehearsals and performances is expected.

GUITAR – MUSIC SPECIALIZATION BEGINNING

52162X0D

1 CREDIT

Students will learn the basics of playing guitar through the study of music notation, chord symbols, and group interaction. Students will gain an enhanced appreciation for music and understand a variety of musical genres. Participation in after-school rehearsals and performances is expected.

CAREER AND TECHNICAL EDUCATION COURSES

PLANNING FOR COLLEGE AND CAREER

Students are entering a highly competitive global workforce. Nearly 90 percent of the fastest growing jobs in the US require education beyond high school. Almost all jobs in the foreseeable future will need some form of certification, credential, or postsecondary degree. To become career and college ready, students need 21st century skills, technical knowledge, as well as the English and mathematics knowledge and skills necessary to succeed in entry-level post-secondary courses.

With an emphasis on real world skills, Career and Technical Education connects students to academics and training that will help them be successful in the future. Our goal is that every Wake County Public School student will graduate from high school globally competitive for work and postsecondary education and prepared for life in the 21st century. No matter what their dream, they can pursue it through CTE. Students should see their counselor and Career Development Coordinator to begin developing the skills they need to become career, college, and citizenship ready.

The following are a list on online resources that can assist in planning for college and careers:

Career Resources	College Resources
www.f4k.org	www.f4k.org
www.cfnc.org	www.cfnc.org
www.Careeronestop.org	www.educationplanner.com/
www.collegecareerlifeplanning.com	www.collegecareerlifeplanning.com
www.careerpath.com	www.collegeboard.org
www.onetonline.org/	www.act.org
www.humanmetrics.com	www.kiplinger.com/tools/colleges/
www.Myplan.com	www.Myplan.com
www.bls.gov/OCO/	www.college.gov
www.keirsey.com/sorter/instruments2.aspx?partid=0	www.nccommunitycolleges.edu/
www.ncsoicc.org	www.northcarolina.edu
www.asvabprogram.com	www.princetonreview.com

Previous performance in Career and Technical Education (CTE) courses and teacher recommendation should be considered in course selection. CTE courses are enhanced by an array of work-based learning strategies. These include content related projects, job shadowing, supervised work experiences, internships, apprenticeships, cooperative education, and field trips. These are particularly applicable to advanced level courses. CTE courses can include work-based learning opportunities to include internships, cooperative education, and apprenticeships.

A career and technical student organization (CTSO) is an integral part of each program area's curriculum. Any student enrolled in a career and technical course is eligible for membership in the career and technical student organization (CTSO) associated with that program. The CTOS are:

- DECA for Marketing and Entrepreneurship Education
- Future Business Leaders of America (FBLA) for Business, Finance and Information Technology Education
- FFA for Agricultural Education
- Family, Career and Community Leaders of America (FCCLA) for Family and Consumer Sciences Education
- Health Occupations Students of America (HOSA) for Health Science
- Technology Student Association (TSA) for Technology, Engineering and Design
- SkillsUSA for Trade and Industrial Education

AGRICULTURAL EDUCATION

AGRISCIENCE APPLICATIONS

AU102X0

1 CREDIT

Prerequisite: None

This course focuses on integrating biological/physical sciences with technology as related to the environment, natural resources, food production, science, and agribusiness. Topics of instruction include agricultural awareness and literacy, employability skills and introduction to all aspects of the total agricultural industry. English language arts, mathematics, and science are reinforced. Work-based learning strategies appropriate for this course are apprenticeship, cooperative education, mentorship, school-based enterprise, service learning, job shadowing, and supervised agricultural experience. FFA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

ANIMAL SCIENCE I

AA212X0

1 CREDIT

Prerequisite: None

This course focuses on the basic scientific principles and processes that are involved in animal physiology, breeding, nutrition, and care in preparation for an animal science career major. Topics include animal diseases, introduction to animal science, animal nutrition, animal science issues, career opportunities, and animal evaluation. English language arts, mathematics, and science are reinforced. Work-based learning strategies appropriate for this course are apprenticeship, cooperative education, mentorship, school-based enterprise, service learning, job shadowing, and supervised agricultural experience. FFA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

ANIMAL SCIENCE II – SMALL ANIMAL (HONORS)*

AA235X0

1 CREDIT(HN)

Prerequisite: Animal Science I

In addition to the standard course requirements, Animal Science II- Small Animal, this honors level course extends the standard course of study to a more challenging level for the student who is highly motivated, able to work independently and has a history of high academic achievement. Students will be expected to take and pass the appropriate industry certification exam associated with the course, if available.

Horticulture I

AP412X0

1credit

Prerequisite: None

This course provides instruction on 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, and career opportunities. English language arts, mathematics, and science are reinforced. Work-based learning strategies appropriate for this course are apprenticeship, cooperative education, internship, mentorship, school-based enterprise, job shadowing, and supervised agricultural experience. FFA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

HORTICULTURE II*

AP422X0

1 CREDIT

Prerequisite: Horticulture I

This course covers instruction that expands scientific knowledge and skills to include more advanced scientific computations 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 turfgrass management, and personal development. English language arts, mathematics, and science are reinforced. Work-based learning strategies appropriate for this course are apprenticeship, cooperative education, entrepreneurship, internship, mentorship, school-based enterprise, service learning, job shadowing, and supervised agricultural experience. FFA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

HORTICULTURE II (HONORS)*

AP425X0

1 CREDIT(HN)

Prerequisite: Horticulture I

In addition to the standard course requirements, Horticulture II, this honors level course extends the standard course of study to a more challenging level for the student who is highly motivated, able to work independently and has a history of high academic achievement. Students will be expected to take and pass the appropriate industry certification exam associated with the course, if available.

HORTICULTURE II – TURFGRASS MANAGEMENT (HONORS)*

AP435X0

1 CREDIT(HN)

Prerequisite: Horticulture I

In addition to the standard course requirements Horticulture II – Turfgrass Management, this honors level course extends the standard course of study to a more challenging level for the student who is highly motivated, able to work independently and has a history of high academic achievement. Students will be expected to take and pass the appropriate industry certification exam associated with the course, if available.

BUSINESS, FINANCE, AND INFORMATION TECHNOLOGY EDUCATION

PERSONAL FINANCE	BF052X0	1 CREDIT
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Prerequisite: None

This course prepares students to understand economic activities and challenges of individuals and families, the role of lifestyle goals in education and career choices, procedures in a successful job search, financial forms used in independent living, and shopping options and practices for meeting consumer needs. The course also prepares students to understand consumer rights, responsibilities, and information, protect personal and family resources, and apply procedures for managing personal finances. English language arts and mathematics are reinforced. Work-based learning strategies appropriate for this course include mentorship, school-based enterprise, service learning, and job shadowing. Apprenticeship and cooperative education are not available for this course. DECA (an association for Marketing Education students), Future Business Leaders of America (FBLA) and Family, Career and Community Leaders of America (FCCLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

PRINCIPLES OF BUSINESS AND FINANCE	BF102X0	1 CREDIT
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Prerequisite: None

This course introduces students to topics related to business, finance, management, and marketing to cover business in the global economy, functions of business organization and management, marketing basics, and significance of business financial and risk management. English language arts, social studies, and mathematics are reinforced. Students will have daily access to computers for application of content current/real world topics. Work-based learning strategies appropriate for this course include mentorship, school-based enterprise, service learning, and job shadowing. Apprenticeship and cooperative education are not available for this course. DECA (an association for Marketing Education students) and Future Business Leaders of America (FBLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

MICROSOFT WORD & POWERPOINT	BM102X0	1 CREDIT
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Prerequisite: None

Students enrolled in Microsoft IT Academy courses benefit from the use of world-class Microsoft curriculum and software tools to tackle real-world challenges in the classroom and have the opportunity to apply their skills and knowledge to earn industry-recognized credentials. In this course, students will learn to use the latest versions of Microsoft Word and Microsoft PowerPoint to create, enhance, customize, share, and deliver complex documents and presentations, such as those used in business and industry. Microsoft Publisher, OneNote, and Outlook are supplemental competencies for this course. English language arts are reinforced throughout the course. Work-based learning strategies appropriate for this course include cooperative education, internship, service learning, and job shadowing. Apprenticeships are not available for this course. Future Business Leaders of America (FBLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences. Students enrolled in this course are expected to take the Microsoft Office Specialist (MOS) certification exam for Microsoft Word and Microsoft PowerPoint.

MICROSOFT WORD & POWER POINT (HONORS)	BM105X0	1 CREDIT (HN)
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Prerequisite: None

In addition to the standard course requirements for Microsoft Word & PowerPoint, this Honors-level course extends the standard course of study to a more challenging level for the student who is highly motivated, able to work independently, and has a history of high academic achievement. Honors credit will be awarded to students that successfully complete an Honors portfolio for the course that consists of college/career-themed projects and assessments. Students will be expected to take and pass the Microsoft Office Specialist (MOS) certification exam for Microsoft Word and Microsoft PowerPoint.

MICROSOFT EXCEL & ACCESS	BM202X0	1 CREDIT
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Prerequisite: None

Students enrolled in Microsoft IT Academy courses benefit from the use of world-class Microsoft curriculum and software tools to tackle real-world challenges in the classroom and have the opportunity to apply their skills and knowledge to earn industry-recognized credentials. In this course, students will learn to use the latest versions of Microsoft Excel to analyze, manipulate, and present various types of data and Microsoft Access to create, modify, and locate information, as well as how to create programmable elements and share and distribute database information. Mathematics is reinforced throughout the course. Work-based learning strategies appropriate for this course include cooperative education, internship, service learning, and job shadowing. Apprenticeship is not available for this course. Future Business Leaders of America (FBLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences. Students enrolled in this course are expected to take the Microsoft Office Specialist (MOS) certification exam for Microsoft Excel and Microsoft Access.

MICROSOFT EXCEL & ACCESS (HONORS)	BM205X0	1 CREDIT (HN)
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Prerequisite: None

In addition to the standard course requirements for Microsoft Excel & Access, this Honors-level course extends the standard course of study to a more challenging level for the student who is highly motivated, able to work independently, and has a history of high academic achievement. . Honors credit will be awarded to students that successfully complete an Honors portfolio for the course that consists of college/career-themed projects and assessments. Students will be expected to take and pass the Microsoft Office Specialist (MOS) certification exam for Microsoft Excel and Microsoft Access.

MULTIMEDIA AND WEBPAGE DESIGN	BD102X0	1 CREDIT
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Prerequisite: BM10 Microsoft Word & Powerpoint

This course focuses on desktop publishing, graphic image design, computer animation, virtual reality, multimedia production, and webpage design. Communication skills and critical thinking are reinforced through software applications. English language arts and arts are reinforced. Work-based learning strategies appropriate for this course include cooperative education, internship, school-based enterprise, service learning, and job shadowing. Apprenticeship is not available for this course. Future Business Leaders of America (FBLA) and SkillsUSA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

ACCOUNTING I**BA102X0****1 CREDIT**

Prerequisite: None
Recommended for Grades 10-12

This course is designed to help students understand the basic principles of the accounting cycle. Emphasis is placed on the 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. Mathematics is reinforced throughout the course. Work-based learning strategies appropriate for this course include cooperative education, entrepreneurship, internship, mentorship, school-based enterprise, service learning, and job shadowing. Apprenticeship is not available for this course. Future Business Leaders of America (FBLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

ACCOUNTING II (HONORS)***BA205X0****1 CREDIT (HN)**

Prerequisite: BA10 Accounting I

In addition to the standard course requirements for Accounting II, this Honors-level course extends the standard course of study to a more challenging level for the student who is highly motivated, able to work independently and has a history of high academic achievement. Honors credit will be awarded to students that successfully complete an Honors portfolio for the course that consists of college/career-themed projects and assessments. Students will be expected to take and pass the appropriate industry certification exam associated with the course, if available.

ENTREPRENEURSHIP I***ME112X0****1 CREDIT**

Prerequisite: MM51 Marketing or BF05 Personal Finance or BF10 Principles of Business and Finance
Recommended for Grades 10-12

In this course students evaluate the concepts of going into business for themselves and working for or operating a small business. Emphasis is on the exploration of feasible ideas of products/services, research procedures, business financing, marketing strategies, and access to resources for starting a small business. Students develop components of a business plan and evaluate startup requirements. English language arts and social studies are reinforced throughout the course. Work-based learning strategies appropriate include cooperative education, entrepreneurship, internship, mentorship, school-based enterprise, service learning, and job shadowing. Apprenticeship is not available for this course. DECA (an association for Marketing Education students) and Future Business Leaders of America (FBLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

BUSINESS LAW***BB302X0****1 CREDIT**

Prerequisite: BF10 Principles of Business and Finance
Recommended for Grades 10-12

This course is designed to acquaint students with the basic legal principles common to all aspects of business and personal law. Business topics include contract law, business ownership including intellectual property, financial law, and national and international laws. Personal topics include marriage and divorce law, purchasing appropriate insurance, renting and owning real estate, employment law, and consumer protection laws. Social studies and English language arts are reinforced throughout the course. Students will have daily access to computers for immediate application of content to current/real world topics. Work-based learning strategies appropriate for this course include internship, and job shadowing. Apprenticeship and cooperative education are not available for this course. Future Business Leaders of America (FBLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

BUSINESS LAW (HONORS)***BB305X0****1 CREDIT (HN)**

Prerequisite: BF10 Principles of Business and Finance
Recommended for Grades 10-12

In addition to the standard course requirements for Business Law, this Honor-level course extends the standard course of study to a more challenging level for the student who is highly motivated, able to work independently, and has a history of high academic achievement. Honors credit will be awarded to students that successfully complete an Honors portfolio for the course that consists of college/career-themed projects and assessments.

CAREER DEVELOPMENT EDUCATION**CAREER MANAGEMENT****CC452X0****1 CREDIT**

Prerequisite: None

This course prepares students to locate, secure, keep, and change careers. Emphasis is placed on self-assessment of characteristics, interests, and values; education and career exploration; evaluation of career information and creation of a career plan. Based on the National Career Development Guidelines, skills learned in this course include, but are not limited to communications, interpersonal skills, problem solving, personal management and teamwork. English language arts are reinforced. Work-based learning strategies appropriate for this course include business/industry field trips, internships, job shadowing, and service learning. Student participation in Career and Technical Student Organization, (CTSO) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

FAMILY AND CONSUMER SCIENCES EDUCATION**TEEN LIVING****FC102X0****1 CREDIT**

Prerequisite: None

This course examines life management skills in the areas of personal and family living, wellness, nutrition and foods, financial management, living environments, appropriate child development practices, fashion and clothing, and job readiness. 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. English

language arts, mathematics, and science are reinforced. Work-based learning strategies appropriate for this course include mentorship and service learning. Apprenticeship and cooperative education are not available for this course. Family, Career and Community Leaders of America (FCCLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

APPAREL AND TEXTILE PRODUCTION I

FA312X0

1 CREDIT

Prerequisite: None

In this course students are introduced to clothing production in the areas of preparation for clothing construction, basic clothing construction techniques, consumer decisions, textiles, historical perspectives and design, and career opportunities. Emphasis is placed on students applying these construction and design skills to apparel and home fashion. Art, mathematics, and science are reinforced. Work-based learning strategies appropriate for this course include service learning and job shadowing. Apprenticeship and Cooperative education are not available for this course. Family, Career and Community Leaders of America (FCCLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

APPAREL AND TEXTILE PRODUCTION II (HONORS) *

FA325X0

1 CREDIT (HN)

Prerequisite: Apparel I

In addition to the standard course requirement Apparel and Textile Production II, this honors level course extends the standard course of study to a more challenging level for the student who is highly motivated, able to work independently and has a history of high academic achievement. Students will be expected to take and pass the appropriate industry certification exam associated with the course, if available.

FOODS I

FN412X0

1 CREDIT

Prerequisite: None

This course examines the nutritional needs of the individual. Emphasis is placed on the relationship of diet to health, kitchen and meal management, food preparation and sustainability for a global society, and time and resource management. English language arts, mathematics, science, and social studies are reinforced. Work-based learning strategies appropriate for this course include service learning and job shadowing. Apprenticeship and cooperative education are not available for this course. Family, Career and Community Leaders of America (FCCLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences..

FOODS II – ENTERPRISE (HONORS)*

FN425X0

1 CREDIT (HN)

Prerequisite: Foods I or Culinary Arts and Hospitality I

In addition to the standard course requirements Foods II- Enterprise, this honors level course extends the standard course of study to a more challenging level for the student who is highly motivated, able to work independently and has a history of high academic achievement. Students will be expected to take and pass the appropriate industry certification exam associated with the course, if available.

INTERIOR DESIGN I

FI512X0

1 CREDIT

Prerequisite: None

This course focuses on housing needs and options of individuals and families at various stages of the life cycle. Emphasis is placed on selecting goods and services and creating functional, pleasing living environments using sound financial decisions and principles of design. Topics of study include elements and principles of design, backgrounds and furnishings, architectural styles and features, and functional room design. Art and mathematics are reinforced. Work-based learning strategies appropriate for this course include cooperative education, entrepreneurship, internship, mentorship, school-based enterprise, service learning, and job shadowing. Apprenticeship is not available for this course. Family, Career Community Leaders of America (FCCLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

INTERIOR DESIGN II (HONORS)*

FI525X0

1 CREDIT HN)

Prerequisite: Interior Design I

In addition to the standard course requirements Interior Design II, this honors level course extends the standard course of study to a more challenging level for the student who is highly motivated, able to work independently and has a history of high academic achievement. Students will be expected to take and pass the appropriate industry certification exam associated with the course, if available.

PARENTING AND CHILD DEVELOPMENT

FE602X0

1 CREDIT

Prerequisite: None

This course introduces students to responsible nurturing and basic applications of child development theory with children from infancy through age six. Areas of study include parenthood decisions, child care issues, prenatal development and care, and development and care of infants, toddlers, and children three through six. Emphasis is on responsibilities of parents, readiness for parenting, and the influence parents have on children while providing care and guidance. Art, English language arts, and science are reinforced. Work-based learning strategies appropriate for this course include service learning and job shadowing. Apprenticeship and cooperative education are not available for this course. Family, Career and Community Leaders of America (FCCLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

EARLY CHILDHOOD EDUCATION I

FE112X0

2 CREDITS

Prerequisite: Parenting and Child Development is recommended as preparation for this course and students must be 16 by October 1** or 16 by the start date for the course.

This two-credit course prepares students to work with children in early education and child care settings. Areas of study include personal and professional preparation, child development from birth to age 12, techniques and procedures for working with young children, and history, trends and opportunities in this field. An internship makes up 50 percent of instructional time. Work- based learning strategies appropriate for this course include internship, mentorship, service learning, and job shadowing. Cooperative education and apprenticeship are not available for this course. Family, Career and

Community Leaders of America (FCCLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

**Because they intern in early childhood centers that must meet NC Child Care General Statute 110.91, Section 8, students must be 16 years of age prior to October 1 to enroll in this course or 16 by the start date for the course.

http://www.ncga.state.nc.us/EnactedLegislation/Statutes/HTML/BySection/Chapter_110/GS_110-91.html

EARLY CHILDHOOD EDUCATION II* **FE122X0** **2 CREDITS**

Prerequisite: Early Childhood Education I and students must be 16 by October 1** or 16 by the start date of the course.

This two-credit course provides advanced experiences in working with children from infancy to age 12 in early education and child care settings. Areas of study include program planning and management, developmentally appropriate practice, procedures and strategies for working with special groups of children, and career development and professionalism. An internship makes up 50 percent of instructional time. Work-based learning strategies appropriate for this course include internship, mentorship, service learning, and job shadowing. Cooperative education and apprenticeship are not available for this course. Family, Career and Community Leaders of America (FCCLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

**Because they intern in early childhood centers that must meet NC Child Care General Statute 110.91, Section 8, students must be 16 years of age prior to October 1 to enroll in this course or 16 by the start date of the course.

http://www.ncga.state.nc.us/EnactedLegislation/Statutes/HTML/BySection/Chapter_110/GS_110-91.html

EARLY CHILDHOOD EDUCATION II (HONORS)* **FE125X0A** **2 CREDITS(HN)**

Prerequisite: Early Childhood Education I and students must be 16 by October 1* or 16 by the start date of the course.

In addition to the standard course requirements Early Childhood II, this honors level course extends the standard course of study to a more challenging level for the student who is highly motivated, able to work independently and has a history of high academic achievement. Students will be expected to take and pass the appropriate industry certification exam associated with the course, if available.

HEALTH SCIENCE EDUCATION

HEALTH TEAM RELATIONS **HU102X0** **1 CREDIT**

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, change, cultural awareness, communication, medical math, leadership, and career decision making. English language arts are reinforced. Work-based learning strategies appropriate for this course include service learning, field trips, and job shadowing. Apprenticeship and cooperative education are not available for this course. English language arts and social studies are reinforced in this course. Health Occupations Students of America (HOSA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills to authentic experiences.

HEALTH SCIENCE I **HU402X0** **1 CREDIT**

Prerequisite: Biology is recommended as a preparation for this course

This course focuses on human anatomy, physiology and human body diseases and disorders, and biomedical therapies. Students will learn about health care careers within the context of human body systems. Projects, teamwork, and demonstrations serve as instructional strategies that reinforce the curriculum content. English language arts and science are reinforced in this course. Work-based learning strategies appropriate for this course include service learning and job shadowing. Apprenticeship and cooperative education are not available for this course. Health Occupations Students of America (HOSA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

HEALTH SCIENCE II (HONORS)* **HU425X0** **1 CREDIT (HN)**

Prerequisite: Health Science I or Medical Science I

In addition to the standard course requirements Health Science II, this honors level course extends the standard course of study to a more challenging level for the student who is highly motivated, able to work independently and has a history of high academic achievement. Students will be expected to take and pass the appropriate industry certification exam associated with the course, if available.

MARKETING AND ENTREPRENEURSHIP EDUCATION

MARKETING **MM512X0** **1 CREDIT**

Prerequisite: None

In this course, students develop an understanding of the processes involved from the creation to the consumption of products/services. Students develop an understanding and skills in the areas of distribution, marketing-information management, market planning, pricing, product/service management, promotion, and selling. Students develop an understanding of marketing functions applications and their impact on business operations. Mathematics and social studies are reinforced throughout the course. Work-based learning strategies appropriate include cooperative education, entrepreneurship, internship, mentorship, school-based enterprise, service learning, and job shadowing. Apprenticeship is not available for this course. DECA (an association for Marketing Education students) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

SPORTS AND ENTERTAINMENT MARKETING I **MH312X0** **1 CREDIT**

Prerequisite: None

In this course, students are introduced to the industry of sports, entertainment, and event marketing. Students acquire transferable knowledge and skills among related industries for planning sports, entertainment, and event marketing. Topics included are branding, licensing, and naming rights; business foundations; concessions and on-site merchandising; economic foundations; human relations; and safety and security. Mathematics and social studies are reinforced throughout the course. Work-based learning strategies appropriate include cooperative education, entrepreneurship, internship, mentorship, school-based enterprise, service learning, and job shadowing. Apprenticeship is not available for this course. DECA (an association for Marketing Education students) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

SPORTS AND ENTERTAINMENT MARKETING II (HONORS)* **MH325X0** **1 CREDIT(HN)**
Prerequisite: MH31 Sports and Entertainment Marketing I

In addition to the standard course requirements for Sports and Entertainment Marketing II, this Honors-level course extends the standard course of study to a more challenging level for the student who is highly motivated, able to work independently and has a history of high academic achievement. Honors credit will be awarded to students that successfully complete an Honors portfolio for the course that consists of college/career-themed projects and assessments.

TECHNOLOGY ENGINEERING AND DESIGN

SCIENTIFIC AND TECHNICAL VISUALIZATION I **TS212X0** **1 CREDIT**
Prerequisite: None

This course introduces students to the use of complex graphic tools. Emphasis is placed on the principles, concepts, and use of complex graphic and visualization tools as applied to the study of science and technology. Students use complex 2D graphics, animation, editing, and image analysis tools to better understand, illustrate, explain, and present technical, mathematical, and/or scientific concepts and principles. Emphasis is placed on the use of computer-enhanced images to generate both conceptual and data-driven models, data-driven charts and animations. Science, math, and visual design concepts are reinforced throughout the course. Activities are structured to integrate physical and social sciences, mathematics, English language arts, and art. Work-based learning strategies appropriate for this course include mentorship, school-based enterprise, service learning, and job shadowing. Apprenticeship and cooperative education are not available for this course. Technology Student Association (TSA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

SCIENTIFIC AND TECHNICAL VISUALIZATION II (HONORS)* **TS225X0** **1 CREDIT (HN)**
Prerequisite: Scientific and Technical Visualization I

In addition to the standard course requirements for Scientific Visualization II, this honors level course extends the standard course of study to a more challenging level for the student who is highly motivated, able to work independently and has a history of high academic achievement. Students will be expected to take and pass the appropriate industry certification exam associated with the course, if available.

PLTW INTRODUCTION TO ENGINEERING DESIGN (HONORS) **TP115X0** **1 CREDIT**
Prerequisite: None

In this foundation Project Lead the Way (PLTW) Pathway to Engineering (PTE) course, students are exposed to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation. Students use 3D solid modeling design software to help them design solutions to solve proposed problems and learn how to document their work and communicate solutions to peers and members of the professional community. Art, English language arts, mathematics and science are reinforced. Work-based learning strategies appropriate for this course include mentorship, school-based enterprise, service learning, and job shadowing. Apprenticeship and cooperative education are not available for this course. Technology Student Association (TSA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

PLTW PRINCIPLES OF ENGINEERING (HONORS) **TP125X0** **1 CREDIT**
Prerequisite: None

In this foundation Project Lead the Way (PLTW) Pathway to Engineering (PTE) course, students survey engineering and are exposed to major concepts they will encounter in a postsecondary engineering course of study. Students employ engineering and scientific concepts in the solution of engineering design problems. They develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges, documenting their work and communicating solutions to peers and members of the professional community. Art, English language arts, mathematics and science are reinforced. Work-based learning strategies appropriate for this course include mentorship, school-based enterprise, service learning, and job shadowing. Apprenticeship and cooperative education are not available for this course. Technology Student Association (TSA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

TECHNOLOGY ENGINEERING AND DESIGN **TE112X0** **1 CREDIT**
Prerequisite: None

This course focuses on the nature and core concepts of technology, engineering, and design. Through engaging activities and hands-on project-based activities, students are introduced to the following concepts: elements and principles of design, basic engineering, problem solving, and teaming. Students apply research and development skills and produce physical and virtual models. Activities are structured to integrate physical and social sciences, mathematics, English language arts, and art. Work-based learning strategies appropriate for this course include mentorship, school-based enterprise, service learning, and job shadowing. Apprenticeship and cooperative education are not available for this course. Technology Student Association (TSA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences. Students who have taken 8110 Fundamentals of Technology should not be enrolled in this course.

TECHNOLOGICAL DESIGN* **TE122X0** **1 CREDIT**
Prerequisite: Fundamentals of Technology or Technology Engineering and Design

This course continues to apply the skills, concepts, and principles of design. The design fields of graphics, industrial design, and architecture receive major emphasis. Engineering content and professional practices are presented through practical application. Working in design teams, students apply technology,

science, and mathematics concepts and skills to solve engineering and design problems. Students research, develop, test, and analyze engineering designs using criteria such as design effectiveness, public safety, human factors, and ethics. Art, English language arts, mathematics and science are reinforced. Work-based learning strategies appropriate for this course include mentorship, school-based enterprise, service learning, and job shadowing. Apprenticeship and cooperative education are not available for this course. Technology Student Association (TSA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

GAME ART DESIGN*

TS312X0

1 CREDIT

Prerequisite: Scientific and Technical Visualization I

This course introduces students to techniques used in the electronic game industry. Students will focus on the principles used in game design including mathematical and virtual modeling. Emphasis is placed on areas related to art, history, ethics, plot development, storyboarding, programming, 2D visual theory, and interactive play technologies. Students develop physical and virtual games using hands-on experiences and a variety of software. Art, English language arts, mathematics and science are reinforced. Work-based learning strategies appropriate for this course include mentorship, school-based enterprise, service learning, and job shadowing. Cooperative education is not available for this course. Apprenticeship is not available for this course. Technology Student Association (TSA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

GAME ART DESIGN (HONORS)*

TS315X0

1 CREDIT (HN)

Prerequisite: Scientific and Technical Visualization I

In addition to the standard course requirements for Game Art and Design, this honors level course extends the standard course of study to a more challenging level for the student who is highly motivated, able to work independently and has a history of high academic achievement. Students will be expected to take and pass the appropriate industry certification exam associated with the course, if available.

TRADE AND INDUSTRIAL EDUCATION

CORE AND SUSTAINABLE CONSTRUCTION

IC002X0

1 CREDIT

Prerequisite: None

This course covers the National Center for Construction Education and Research (NCCER) Core certification modules required for all of the NCCER curriculum-area programs, and an additional Green module. The course content includes: basic safety, introduction to construction math, introduction to hand tools, introduction to power tools, introduction to blueprints, material handling, basic communication skills, and basic employability skills, and "Your Role in the Green Environment". The additional Green module has been added to provide students with instruction in the green environment, green construction practices, and green building rating systems. Also it will help students better understand their personal impacts on the environment and make them more aware of how to reduce their carbon footprint. English Language Arts and Mathematics are reinforced. Work-based learning strategies appropriate for this course include apprenticeship, cooperative education, internship, and job shadowing. This course helps prepare students for additional National Center for Construction Education and Research (NCCER) Core certification. SkillsUSA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences. Common Core Math II is recommended as preparation for this course.

ELECTRICAL TRADES I-SEE MR. STILE

ELECTRICAL TRADES II-SEE MR. STILE

DRAFTING I

IC612X0

1 CREDIT

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, geometric construction techniques, as well as computer assisted design (CAD), orthographic projection, and 3-D modeling. English language arts, mathematics, and science are reinforced. Work-based learning strategies appropriate for this course include apprenticeship, cooperative education, internship, and job shadowing. SkillsUSA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

DRAFTING II - ARCHITECTURAL (HONORS)*

IC625X0

1 CREDIT (HN)

Prerequisite: Drafting I

In addition to the standard course requirements for Drafting II - Architectural, this honors level course extends the standard course of study to a more challenging level for the student who is highly motivated, able to work independently and has a history of high academic achievement. Students will be expected to take and pass the appropriate industry certification exam associated with the course, if available.

DRAFTING III - ARCHITECTURAL (HONORS)

IC635X0

1 CREDIT (HN)

Prerequisite: Drafting II - Architectural

This course introduces students to advanced architectural design concepts. Emphasis is placed on the use of computer assisted design (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. English language arts, mathematics, and science are reinforced. Work-based learning strategies appropriate for this course include apprenticeship, cooperative education, internship, and job shadowing. SkillsUSA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences. Common Core Math II is recommended as preparation for this course.

ENGLISH LANGUAGE ARTS COURSES

Previous performance in English language arts courses and teacher recommendation should be considered in course selection.

CHOICES FOR REQUIRED ENGLISH COURSES

ENGLISH I	10212X0	1 CREDIT
<p>This academic course is designed for the student who aspires to post-secondary college or career experience. A survey of literary types, this course focuses on reading, writing, speaking and listening, and language. Students should expect homework assignments and/or compositions that reinforce classroom instruction. Writing instruction at this level focuses on mechanical correctness, fluency, and structure. The student is expected to function at grade level in communication and thinking skills.</p>		
ENGLISH I (HONORS)	10215X0	1 CREDIT (HN)
<p>This honors course is designed to challenge students. It concentrates on developing reading, writing, and critical thinking skills through an intensive survey of literary types and appropriate oral and written responses. The course provides a review of grammar, mechanics, vocabulary, and usage as needed. This college preparatory course focuses on the development of complex thought processes, independence in learning, and creative expression through discussion and frequent writing assignments. Homework is a reinforcement and extension of classroom instruction.</p>		
ENGLISH II	10222X0	1 CREDIT
<p>Prerequisite: English I</p> <p>This academic world literature course is designed for the student who aspires to post-secondary college or career experience. This class focuses on reading, writing, speaking and listening, and language. Students should expect homework assignments and/or compositions that reinforce classroom instruction. Writing instruction at this level focuses on mechanical correctness, fluency, and structure. The student is expected to function at grade level in communication and thinking skills.</p>		
ENGLISH II (HONORS)	10225X0	1 CREDIT (HN)
<p>Prerequisite: English I</p> <p>This honors course is designed to challenge students. This course concentrates on developing reading, writing, and critical thinking skills through an intensive study of a variety of selected world literature and appropriate oral and written responses. The course provides a review of grammar, mechanics, vocabulary, and usage as needed. This college preparatory course focuses on the development of complex thought processes, independence in learning, and creative expression through discussion and frequent writing assignments. Homework is a reinforcement and extension of classroom instruction.</p>		
ENGLISH III	10232X0	1 CREDIT
<p>Prerequisite: English II</p> <p>This academic American literature course is designed for the student who aspires to post-secondary college or vocational experience. The course addresses reading, writing, speaking and listening, and language. Students should expect homework assignments and/or compositions that reinforce classroom instruction. Writing instruction at this level focuses on mechanical correctness, fluency, and structure. The student is expected to function at grade level in communication and thinking skills.</p>		
ENGLISH III (HONORS)	10235X0	1 CREDIT (HN)
<p>Prerequisite: English II</p> <p>This honors course is designed to challenge students. This course concentrates on developing reading, writing, and critical thinking skills through an intensive study of selected American literature and appropriate oral and written responses. The course provides a review of grammar, mechanics, vocabulary, and usage as needed. This college preparatory course focuses on the development of complex thought processes, independence in learning, and creative expression through discussion and frequent writing assignments. Homework is a reinforcement and extension of classroom instruction.</p>		
ADVANCED PLACEMENT ENGLISH LANGUAGE AND COMPOSITION	1A007X0	1 CREDIT (AP)
<p>Prerequisite: English II</p> <p>This college-level course provides an analytical and historical study of American literature and language as well as other literature in a comprehensive program of reading, writing, and critical thinking. As preparation to take the Advanced Placement Test in Language and Composition, students read, discuss, analyze, and write about challenging works of recognized literary merit to develop honest, concise, and effective use of language and the ability to organize ideas in a clear, coherent, and persuasive way. Independent literary analysis and a total mastery of writing skills are goals of the course. Because this course meets the needs of academically gifted or highly motivated advanced students who hope to bypass introductory courses in composition and literature when they enter college, students in an AP course should expect assignments and instruction paced at the college level. Students enrolled in this course are expected to take The College Board Advanced Placement Test.</p>		
ENGLISH IV	10242X0	1 CREDIT
<p>Prerequisite: English III</p> <p>This academic British literature course is designed for the student who aspires to post-secondary college or career experience. The course addresses reading, writing, speaking and listening, and language. Students should expect homework assignments and/or compositions that reinforce classroom instruction. Writing instruction at this level focuses on mechanical correctness, fluency, and structure. The student is expected to function at grade level in communication and thinking skills.</p>		
ENGLISH IV (HONORS)	10245X0	1 CREDIT (HN)
<p>Prerequisite: English III</p> <p>This honors course is designed to challenge students. This course concentrates on developing reading, writing, and critical thinking skills through an intensive study of selected British literature and appropriate oral and written responses. The course provides a review of grammar, mechanics, vocabulary,</p>		

and usage as needed. This college preparatory course focuses on the development of complex thought processes, independence in learning, and creative expression through discussion and frequent writing assignments. Homework is a reinforcement and extension of classroom instruction.

ADVANCED PLACEMENT ENGLISH LITERATURE AND COMPOSITION

1A017X0

1 CREDIT (AP)

Prerequisite: English III

This college-level course provides an analytical and historical study of British and world literature in a comprehensive program of reading, writing, and critical thinking. As preparation to take the Advanced Placement Test in Literature and Composition, students read, discuss, analyze, and write about challenging works of recognized literary merit to develop honest, concise, and effective use of language and the ability to organize ideas in a clear, coherent, and persuasive way. Independent literary analysis and a total mastery of writing skills are goals of the course. Because this course meets the needs of academically gifted or highly motivated advanced students who hope to bypass introductory courses in composition and literature when they enter college, students in an AP course should expect assignments and instruction paced at the college level. Students enrolled in this course are expected to take The College Board Advanced Placement test.

ENGLISH ELECTIVE COURSES

AFRICAN AMERICAN LITERATURE (HONORS)

10255X0J

1 CREDIT (HN)

This literature-based course is intended for those students interested in a deep and extended exploration of African American writing and its relationship to American history and culture. Students can expect to study a survey of the African American experience, from colonial voices through urban fiction, poetry, and music lyrics. A deep study of critical theories and their application to African American literature uses a variety of African American sources as text for this course..

CREATIVE WRITING I

10252XOD

1 CREDIT

This course is designed for the student interested in writing original poetry, plays, essays, and short stories. Students consider the elements of creativity - inspiration, form, content - in relation to styles of representative authors. Self-criticism, group evaluation, contest entries, and publication of students' work are required activities. Projects may include entertainment of a poet-in-residence and publication of a literary magazine.

NEWSPAPER I

10312X0G

1 CREDIT

Recommended prerequisite(s): Application and teacher recommendation

This introductory newspaper course is designed for students interested in the construction and publication of regular editions of the school newspaper. Focus areas are learning the skills of newspaper writing and the responsibilities of newspaper business management.

NEWSPAPER II

10322X0B

1 CREDIT

Recommended prerequisite(s): Newspaper I, application, and teacher recommendation

This second-level newspaper course is designed to help students refine their skills in interviewing and reporting. Students design and publish regular editions of the school newspaper. They also deepen their understanding of the business management aspect of the newspaper.

NEWSPAPER II (HONORS)

10325X0A

1 CREDIT(HN)

Recommended prerequisite(s): Newspaper I, application, and teacher recommendation

This honors course allows junior- and senior-level publication staff members to develop advanced journalistic skills in addition to leadership skills. Students enrolled for honors credit are required to fill an editor's position or take a leadership role on the publication staff. They participate in the construction and publication of the school newspaper and master additional editorial and technological skills. Editorial skills include planning an entire issue, copy editing, and completing portfolios of their work. The technological skills include mastering advanced layout and design of desktop publishing and mastering digital imagery and photo placement. Students may receive honors credit in Newspaper II Honors one time only.

NEWSPAPER III

10332X0

1 CREDIT

Recommended prerequisite(s): Newspaper I and II and teacher recommendation

Students who have completed Newspaper I and II and who desire to refine skills in writing, editing, imaging, finance, and printing may elect this course. In addition to development of higher level writing skills and business management procedures, students enhance their knowledge of the laws and ethics of journalism.

NEWSPAPER III (HONORS)

10335X0

1 CREDIT(HN)

Recommended prerequisite(s): Newspaper I, Newspaper II (Honors), and teacher recommendation

This honors course provides advanced journalism students the opportunity to expand their portfolios (begun in Newspaper II Honors) and to develop and deliver training modules for all staff positions. Students electing this course are required to fill an editor's position or take a leadership role on the publication staff. In addition, they refine writing, editing, imaging, finance, and printing skills. Students may receive honors credit in Newspaper III Honors one time only.

SAT VERBAL/MATH PREPARATION

96022X0A

1 CREDIT

This course helps students prepare to take the verbal and math portions of the Scholastic Aptitude Test. Verbal preparation focuses on reading comprehension, vocabulary development, critical thinking, and analogies. Math preparation focuses on arithmetic, algebra, and geometry skills to answer the high-level questions that appear on the test. This course does not replace core English or math courses.

SPEECH I

10142X0

1 CREDIT

This course, designed for the beginning and experienced public speaker alike, helps all students excel as it cultivates a positive and supportive classroom environment in which students become comfortable in front of an audience of their peers, giving a wide variety of speeches, practicing the virtues of constructive criticism, and learning the fundamentals of academic and legislative debate.

YEARBOOK I **10312X0A** **1 CREDIT**

Recommended prerequisite(s): Application and teacher recommendation

The introductory yearbook course offers the student total involvement in the production of the school yearbook. Activities include advertising, layout planning, photography, copy writing, and proofing.

YEARBOOK II **10322X0H** **1 CREDIT**

Recommended prerequisite(s): Yearbook I, application, and teacher recommendation

The second-level yearbook course is designed to help students refine their skills in copywriting, proofing, photography, and layout planning. Students deepen their understanding of advertising.

YEARBOOK II (HONORS) **10325X0D** **1 CREDIT(HN)**

Recommended prerequisite(s): Yearbook I and teacher recommendation

This honors course is for junior- and senior-level publication staff members. Students are required to fill an editor's position or take a leadership role on the publication staff. Students plan a yearbook ladder, complete various spreads and assignments, and complete a portfolio of work. They master advanced layout and design of desktop publishing, digital imagery, and photo placement. Students may receive honors credit in Yearbook II Honors one time only.

YEARBOOK III **10332X0A** **1 CREDIT**

Recommended prerequisite(s): Yearbook I, Yearbook II, and teacher recommendation

Students who have completed Yearbook I and II and who desire to refine skills in planning, layout, and technology may elect this course. In addition to development of higher level writing skills and business management procedures, students enhance their knowledge of the laws and ethics of journalism.

YEARBOOK III (HONORS) **10335X0A** **1 CREDIT(HN)**

Recommended prerequisite(s): Yearbook I, Yearbook II (Honors), and teacher recommendation

This honors course provides journalism students the opportunity to expand their portfolios (begun in Yearbook II Honors) and to develop and deliver training modules for all staff positions. Students electing this course are required to fill an editor's position or take a leadership role on the yearbook staff. In addition, they increase technological skills and refine writing skills. Students may receive honors credit in Yearbook III Honors one time only.

English as a Second Language Program

Students whose home language is not English and who are identified as LEP may enroll in English as a Second Language (ESL) courses. The focus of the ESL classroom is to help students obtain English proficiency in order to participate fully and successfully in all academic areas.

ESL I and ESL II are offered as two semester courses instead of year-long courses with one credit awarded for each semester. Students are allowed to take both semesters of ESL I and/or ESL II, but it is not a requirement. The ESL teacher is the best resource for making decisions regarding course changes.

ESL I (SEMESTER COURSE) **10382X02 (PART I)** **1 CREDIT**

10382X03 (PART II) **1 CREDIT**

This course is recommended for Comprehensive students who scored between Entering (Level 1) and Emerging (Level 2) on the Reading and Writing subtests of the W-APT or ACCESS tests.

Students in this course can generally utilize words, phrases or chunks of language with simple grammatical constructions and/or multiple related sentences with compound grammatical constructions within both social and academic constructs.

This course is designed to move students along the continuum of language acquisition beginning at their current proficiency levels.

ESL II (SEMESTER COURSE) **10382X04 (PART I)** **1 CREDIT**

10382X05 (PART II) **1 CREDIT**

This course is recommended for Comprehensive/Moderate students who scored between Emerging (Level 2) and Developing (Level 3) on the Reading and Writing subtests of the W-APT or ACCESS tests.

Students in this course can generally perform the same language tasks as students in ESL I and/or working towards using expanded sentences to express multiple related ideas using repetitive grammatical structures and specific content language within both social and academic constructs.

This course is designed to move students along the continuum of language acquisition beginning at their current proficiency levels.

ESL III (SEMESTER COURSE) **10382X06** **1 CREDIT**

This course is recommended for Moderate students who scored between Developing (Level 3) and Expanding (Level 4) on the Reading and Writing subtests of the W-APT or ACCESS tests.

Students in this course can generally perform the same language tasks as students in ESL I and II and/or working towards creating organized, more complex sentences with varying grammatical structures using technical content-area language within both social and academic constructs.

This course is designed to move students along the continuum of language acquisition beginning at their current proficiency levels.

ESL IV (SEMESTER COURSE) **10382X07** **1 CREDIT**

This course is recommended for Moderate/Transitional students who scored between Expanding (Level 4) and Bridging (Level 5) on the Reading and Writing subtests of the W-APT or ACCESS tests.

Students in this course can generally perform the same language tasks as students in ESL, II and III and/or working towards creating grammatically complex sentences that are organized, cohesive and coherent and contain technical and abstract content-area language within social and academic constructs.

Healthful Living Courses

The completion of Healthful Living I is a North Carolina high school graduation requirement. This course consists of the required high school healthful living essential standards and clarifying objectives as required by the North Carolina Department of Public Instruction. After completing Healthful Living I, students are encouraged to pursue other Healthful Living electives.

REQUIRED COURSE

HEALTHFUL LIVING I **60492X0** **1 CREDIT**

The completion of Healthful Living I is a North Carolina high school graduation requirement. The course consists of the required high school healthful living essential standards and clarifying objectives approved by the North Carolina State Board of Education and required by the North Carolina Department of Public Instruction. After completing Healthful Living I students are encouraged to pursue other Healthful Living electives.

Physical education components include the progressive development of motor skills and movement concepts along with learning opportunities that promote health related fitness and personal/social responsibility. Health components include analyzing the relation between nutrition and physical activity, understanding the importance and consumer health, learning solid decision-making to prevent use of alcohol, tobacco, and other drugs. Opportunities to practice solid decision making and conflict resolution strategies are provided to assist students in development of healthy mental and emotional health through productive interpersonal communication and development of relationships.

PHYSICAL ACTIVITY-BASED ELECTIVE COURSES

PHYSICAL FITNESS I **60602X0** **1 CREDIT**

Recommended prerequisite(s): Healthful Living I

This course emphasizes regular participation in a variety of enjoyable fitness activities that promote a healthy and wellness-oriented lifestyle. This is an individual health-related fitness course in which the students, through active participation, develop knowledge and skills to provide enjoyment in the areas of cardiovascular fitness, flexibility, and muscular strength/endurance.

WEIGHT TRAINING AND CONDITIONING I **60292X0A** **1 CREDIT**

Recommended prerequisite(s): Healthful Living I

This course is designed for the novice weight-training student. It involves introductory techniques of weight training and cardiovascular conditioning, safety precautions, and injury prevention, and other methods of weight management. The major focuses are general muscle toning and achieving total fitness. The development of a personal fitness program is a part of this course.

WEIGHT TRAINING AND CONDITIONING II **60292X0B** **1 CREDIT**

Recommended prerequisite(s): Weight Training and Conditioning I and teacher recommendation

This course is designed to improve muscular strength and power through progressive weight training techniques. More advanced coursework on the principles of cardiovascular fitness and strength development are a part of this course. The course includes techniques and skills as well as alternative strategies for developing overall strength and conditioning. The refinement of the student's personal fitness plan is included in this course.

WEIGHT TRAINING AND CONDITIONING III **60292X0L** **1 CREDIT**

Recommended prerequisite(s): Weight Training and Conditioning I & II, and teacher recommendation

This course is for students interested in trying some advanced lifting and exercise techniques which may include: Olympic lifts, plyometric training, and agility and speed workouts. Coursework may include the basic principles of exercise prescription, sports nutrition, exercise testing and evaluation, cardiovascular fitness, and strength development. The course includes techniques and skills as well as alternative strategies for developing overall strength and conditioning. The design and implementation of the student's personal fitness plan is included in this course.

TEAM SPORTS I **60292X0J** **1 CREDIT**

Recommended prerequisite(s): Healthful Living I

This course is designed to include the development of general personal fitness, and active participation in team sports such as basketball, soccer, flag football, lacrosse, volleyball, and softball. Activities are equally divided within the total weeks of instruction. This course includes the history, rules, and terminology with an emphasis in skill development, officiating, game strategies, and leadership.

LIFETIME SPORTS I **60292X0D** **1 CREDIT**

Recommended prerequisite(s): Healthful Living I

This course is designed to include the development of general personal fitness, and active participation in lifetime sports such as golf, tennis, badminton, table tennis, bowling, archery, racquetball, and pickle ball. Activities are equally divided within the total weeks of the semester. This course includes the history, rules, and terminology with an emphasis in skill development, game strategies, and safety.

HEALTH & SCIENCE-BASED ELECTIVE COURSES

SPORTS MEDICINE I **60632X0** **1 CREDIT**

Recommended prerequisite(s): Healthful Living I, Community First Aid & Safety/Emergency Response, or Personal Health & Fitness, and sponsoring teacher recommendation. Recommended for grades 11 and 12.

This course is designed for students interested in the career of athletic training. The primary focus includes, but is not limited to, the following topics: The Athletic Training/Sports Medicine (ATSM) Team, organization and administration, injury prevention, physical training and conditioning techniques, nutritional considerations, protective sports equipment, psychology of sport injury/illness, mechanisms and characteristics of sports trauma, tissue response to injury, human anatomy, exercise physiology, biomechanics, kinesiology, CPR/blood borne pathogens, injury assessment and evaluation, environmental concerns, basic taping and bandaging, explanations of therapeutic modalities, basic exercise rehabilitation, drug use/abuse in sports, and skin disorders. Students may be required to engage in practical experience outside of class for the purpose of applying knowledge and techniques learned in class.

SPORTS MEDICINE II

60642X0

1 CREDIT

Recommended prerequisite(s): Sports Medicine I and sponsoring teacher recommendation
Recommended for grades 11 and 12.

This course is designed for students wanting to further their knowledge in the field of athletic training through the integration of information presented in Sports Medicine I. The primary focus includes but is not limited to the following topics: human anatomy, exercise physiology, biomechanics, kinesiology, specific sports injuries or conditions related to the foot/ankle/lower leg, knee, shoulder, elbow, forearm, wrist/hand, hip, thigh, groin, pelvis, abdomen, thorax, lumbar/thoracic/cervical spine, head, face, in addition to other health considerations and advanced taping techniques. Students may be required to engage in practical experience outside of class for the purpose of applying knowledge and techniques learned in class.

LEADERSHIP-BASED ELECTIVE COURSES

PEPI I (PHYSICAL EDUCATION PUPIL INSTRUCTORS)

60292X0T

1 CREDIT

Recommended prerequisite(s): Healthful Living I and sponsoring teacher recommendation.
Recommended for grades 11 and 12.

The course is designed for students interested in serving as physical education aides to elementary classroom teachers. Special training in the area of elementary physical education is given to each student prior to working in the schools. Students are trained in classroom management; development of physical activity lessons, conflict resolution skills, and providing lessons aligned to the Physical Education goals in the North Carolina Standard Course of Study. This course is designed for students interested in careers related to teaching or recreation leadership.

PEPI II

60292X0U

1 CREDIT

Recommended prerequisite(s): PEPI I and teacher recommendation.
Recommended for grades 11 and 12.

The course is an extension of PEPI I. Students in this course take a more active role as a pupil instructor at the assigned elementary school. They are provided with additional opportunities to work with students at differing grade levels, and are expected to demonstrate a greater level of leadership within the PEPI program. This course is designed for students interested in careers related to teaching or recreation leadership.

MATHEMATICS COURSES

The high school mathematics course of study is based upon the national Common Core State Standards for Mathematics (CCSS-M) adopted by the North Carolina State Board of Education in June, 2010. The Common Core Standards specify the mathematics that all students should study in order to be college and career ready. To see a complete list of standards please go to www.corestandards.org. The standards are divided into two equally important parts: the Standards for Mathematical Practice and the Standards for Mathematical Content. The Practice Standards describe the characteristics and habits of mind that all mathematically proficient students exhibit. The Standards for Mathematical Practice are:

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.

The Practice Standards will be applied throughout each course and, together with the Content Standards, will ensure that students experience mathematics as a coherent, useful, and logical subject.

The Standards for Mathematical Content for high school are divided into six conceptual categories: Number and Quantity, Algebra, Functions, Modeling, Geometry, and Statistics and Probability.

In order to graduate from the Wake County Public School System, a student must earn a minimum of four credits in mathematics. More information on typical math course sequences can be found at <http://tinyurl.com/csak7ez>.

FUNDAMENTAL MATH I (ELECTIVE CREDIT)

28002X0B

1 CREDIT

Fundamental Math provides learners with an opportunity to review and study foundational topics for higher-level mathematics. Topics include: working with different forms of numbers (rates, ratios, fractions, percents); exponents and exponential notation; solving percent problems using proportions;

integers; square roots; simplifying numerical and algebraic expressions; solving one-variable equations; linear relationships; and statistics. Students will solve relevant and authentic problems using manipulative and appropriate technology.

INTRODUCTORY MATHEMATICS (ELECTIVE CREDIT)

20202X0

1 CREDIT

Introductory Math provides learners with an opportunity to review and study foundational topics for higher-level mathematics. Topics include: simplifying expressions and solving one-variable equations and inequalities; one-variable statistics; different representation of functions; linear functions; the Pythagorean theorem; volume; solving systems of linear equations; graphing line of best fit; and operations with polynomials. Students will solve relevant and authentic problems using manipulates and appropriate technology.

FOUNDATIONS OF MATH I (MATH IA) (ELECTIVE CREDIT)

20502X0

1 CREDIT

NOTE: This course should be paired with Math IB (21032X0B)

The purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. In conjunction with Math IB, this course deepens and extends understanding of linear relationships, in part by contrasting them with exponential and quadratic phenomena, and in part by applying linear models to data that exhibit a linear trend. In addition to studying bivariate data, students also summarize, represent, and interpret data on a single count or measurement variable. The Geometry standards that appear in this course formalize and extend students' geometric experiences to explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. The Standards for Mathematical Practice apply throughout each course and, together with the content standards, require that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

MATH IB

21032X0B

1 CREDIT

Recommended prerequisite(s): Foundations of Math IA

Note: This course should be paired with Foundations of Math IA (20502X0)

The purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. This course deepens and extends understanding of linear relationships, in part by contrasting them with exponential and quadratic phenomena, and in part by applying linear models to data that exhibit a linear trend. In addition to studying bivariate data, students also summarize, represent, and interpret data on a single count or measurement variable. The Geometry standards that appear in this course formalize and extend students' geometric experiences to explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. The Standards for Mathematical Practice apply throughout each course and, together with the content standards, require that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. This course fulfills the North Carolina high school graduation requirement for Common Core Math I. The final exam is the North Carolina End-of-Course Test based on the Common Core Math 1 Standards.

FOUNDATIONS OF MATH II (ELECTIVE CREDIT)

20512X0

1 CREDIT

Recommended prerequisite(s): Marginal proficiency in Math I

Foundations of Math II provides learners with an opportunity to review and study foundational topics for higher-level mathematics. The topics covered will be based on student needs and will be aligned with Math II. Students will solve relevant and authentic problems using manipulatives and appropriate technology.

MATH II

22012X0

1 CREDIT

Recommended prerequisite(s): Math I

In Math II, students continue to deepen their study of quadratic expressions, equations, and functions; comparing their characteristics and behavior to those of linear and exponential relationships from Math I. The concept of quadratics is generalized with the introduction of higher degree polynomials. New methods for solving quadratic and exponential equations are developed. The characteristics of advanced types of functions are investigated (including power, inverse variation, radical, absolute value, piecewise-defined, and simple trigonometric functions). The link between probability and data is explored through conditional probability and counting methods. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Important differences exist between Math II and the historical approach taken in Geometry classes. For example, transformations are explored early in the course and provide the framework for studying geometric concepts such as similarity and congruence. The study of similarity leads to an understanding of right triangle trigonometry and connects to quadratics through Pythagorean relationships. The Standards for Mathematical Practice apply throughout each course and, together with the content standards, require that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. This course fulfills the North Carolina high school graduation requirement for Math II. The final exam is the North Carolina Final Exam for Math II.

MATH II (HONORS)

22015X0

1 CREDIT (HN)

Recommended prerequisite(s): Math I

In Math II, students continue to deepen their study of quadratic expressions, equations, and functions; comparing their characteristics and behavior to those of linear and exponential relationships from Math I. The concept of quadratics is generalized with the introduction of more sophisticated polynomials. New methods for solving quadratic and exponential equations are developed. The characteristics of more advanced types of functions are investigated (including power, inverse variation, radical, absolute value, piecewise-defined, and simple trigonometric functions). The link between probability and data is explored through conditional probability and counting methods. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Important differences exist between Math II and the historical approach taken in Geometry classes. For example, transformations are explored early in the course and provide the framework for studying geometric concepts such as similarity and congruence. The study of similarity leads to an understanding of right triangle trigonometry and connects to quadratics through Pythagorean relationships. Honors Math II explores content at a rigorous level to begin students' preparation for advanced math courses. The Standards for Mathematical Practice apply throughout each course and, together with the content standards, require that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. This course fulfills the North Carolina high school graduation requirement for Math II. The final exam is the North Carolina Final Exam for Math II.

FOUNDATIONS OF MATH III (ELECTIVE CREDIT)

20522X0

1 CREDIT

Recommended prerequisite(s): Marginal proficiency in Math II

Foundations of Math III provides learners with an opportunity to review and study foundational topics for higher-level mathematics. The topics covered will be based on student needs and will be aligned with Math III. Students will solve relevant and authentic problems using manipulatives and appropriate technology.

MATH III **23012X0** **1 CREDIT**
Recommended prerequisite(s): Math II

This course is designed so that students have the opportunity to pull together and apply the accumulation of mathematics concepts learned previously. They apply methods from probability and statistics to draw inferences and conclusions from data. Students expand their repertoire of functions to include polynomial, rational, and radical functions, including an intense study of families of functions and the relationships therein. They expand their study of right triangle trigonometry to include general triangles and in the study of trigonometric functions to model simple periodic phenomena. Finally, students bring together all of their experience with functions and geometry to create models and solve contextual problems. Appropriate technology and tools, including manipulatives and calculators, will be used regularly for instruction and assessment. The Standard for Mathematical Practice apply throughout each course and, together with the content standards, require that students experience mathematics as a coherent, useful, and logical subject that means use of their ability to make sense of problems situations. This course fulfills the North Carolina high school graduation requirement for Math III. The final exam is the North Carolina Final Exam for Math III.

MATH III (HONORS) **23015X0** **1 CREDIT (HN)**
Recommended prerequisite(s): Honors Math II

This course is designed so that students have the opportunity to pull together and apply the accumulation of mathematics concepts learned previously. They apply methods from probability and statistics to draw inferences and conclusions from data. Students expand their repertoire of functions to include polynomial, rational, and radical functions, including an intense study of families of functions and the relationships therein. They expand their study of right triangle trigonometry to include general triangles and in the study of trigonometric functions to model simple periodic phenomena. Finally, students bring together all of their experience with functions and geometry to create models and solve contextual problems. Appropriate technology and tools, including manipulatives and calculators, will be used regularly for instruction and assessment. The Standard for Mathematical Practice apply throughout each course and, together with the content standards, require that students experience mathematics as a coherent, useful, and logical subject that means use of their ability to make sense of problems situations. This course fulfills the North Carolina high school graduation requirement for Math III. The final exam is the North Carolina Final Exam for Math III.

4TH MATH COURSES

The following mathematics courses are accepted as the 4th level mathematics course required for graduation under the Future Ready Core. If interested, see your counselor to discuss Community College mathematics course options that meet graduation requirements and minimum admission requirements for UNC System institutions. Students wishing to attend non-UNC System colleges, a community college, or a technical school should check with the postsecondary institution for minimum admission requirements. If interested, see your counselor to discuss CTE course options that can also count as the 4th math credit needed for graduation.

ESSENTIALS FOR COLLEGE MATH (SREB) **24082X0** **1 CREDIT**
Recommended prerequisite(s): Marginal proficiency in Math III

Concepts explored in this course include exponentials, quadratics, equations, measurement, number operations, systems, linear functions, and statistics. Emphasis is on understanding mathematics concepts rather than just memorizing procedures. Students will learn the context behind procedures: for example, why they should use a certain formula or method to solve a problem. This equips them with higher-order thinking skills enabling them to apply math skills, functions, and concepts in different situations. Additionally, students are prepared for college level math assignments. This course is accepted as the fourth math for admission to UNC System institutions.

ADVANCED FUNCTIONS AND MODELING **24002X0** **1 CREDIT**
Recommended prerequisite(s): Algebra II or Math III

Advanced Functions and Modeling provides students an in-depth study of modeling and applying functions. Home, work, recreation, consumer issues, public policy, and scientific investigations are just a few of the areas from which applications should originate. Appropriate technology, from manipulatives to calculators and application software, should be used regularly for instruction and assessment. Advanced Functions and Modeling is not an honors level course. **A student cannot receive math graduation credit for Advanced Functions and Modeling and Precalculus; one must count as an elective.** This course is accepted as the fourth math for admission to UNC System institutions. The final exam is the North Carolina Final Exam for Advanced Functions and Modeling.

PRECALCULUS (HONORS) **24035X0** **1 CREDIT (HN)**
Recommended prerequisite(s): Honors Algebra II or Honors Math III

Precalculus is the Honors level of Advanced Functions and Modeling. The Precalculus curriculum includes a complete study of trigonometry, as well as advanced algebra topics, analytic geometry, series and sequence, data analysis, vectors, and limits. Applications and modeling are included throughout the course of study. Appropriate technology, from manipulatives to calculators and application software, is used for instruction and assessment. Students must have extensive knowledge of the graphics calculator. **A student cannot receive math graduation credit for Precalculus and Advanced Functions and Modeling; one must count as an elective.** This course is accepted as the fourth math for admission to UNC System institutions. . The final exam is the North Carolina Final Exam for Precalculus.

ADVANCED PLACEMENT STATISTICS **2A037X0** **1 CREDIT (AP)**
Recommended prerequisite(s): Honors Algebra II, Honors Math III, or Advanced Functions and Modeling

The AP Statistics curriculum is divided into four major themes: exploratory analysis, planning a study, probability, and statistical inference. This is a college-level course. Use of computers and graphing calculators play an important role in this course. For each session of classroom instruction, the student is expected to spend, as a minimum, an equal amount of time outside the classroom for review, written assignments, and preparation. It is expected that students enrolled in this course will take the College Board Advanced Placement Exam. This course is accepted as the fourth math for admission to UNC System institutions.

ADVANCED PLACEMENT CALCULUS: AB**2A007X0****1 CREDIT (AP)**

Recommended prerequisite(s): Mastery of the Precalculus curriculum

The AP Calculus curriculum includes limits, continuity, derivatives with applications, and elementary integration with applications. This is a college-level course. Use of computers and graphing calculators play an important role in this course. For each session of classroom instruction the student is expected to spend, as a minimum, an equal amount of time outside the classroom for review, written assignments, and preparation. It is expected that students enrolled in this course will take the College Board Advanced Placement Exam. This course is accepted as the fourth math for admission to UNC System institutions.

ADVANCED PLACEMENT CALCULUS: BC**2A017X0****1 CREDIT (AP)**

Recommended prerequisite(s): AP Calculus AB

The BC level of AP Calculus revisits some topics introduced in the AB course. Topics include differentials, integrals, infinite series, and differential equations. In addition, the curriculum for this course includes convergence and divergence of sequences and series, parametric representation of curves, polar curves, and additional integration techniques. This is a college-level course. Use of computers and graphing calculators play an important role in this course. For each session of classroom instruction, the student is expected to spend, as a minimum, an equal amount of time outside the classroom for review, written assignments, and preparation. It is expected that students enrolled in this course will take the College Board Advanced Placement Exam. This course is accepted as the fourth math for admission to UNC System institutions.

MATHEMATICS ELECTIVE COURSES BEYOND MATH III**SAT VERBAL/MATH PREPARATION (ELECTIVE CREDIT)****96022X0A****1 CREDIT**

Recommended prerequisite(s): Math III or Algebra II

This course helps students prepare to take the verbal and math portions of the Scholastic Aptitude Test. Verbal preparation focuses on reading comprehension, vocabulary development, critical thinking, and analogies. Math preparation focuses on arithmetic, algebra, and geometry skills necessary to answer the high-level questions that appear on the test. This course does not replace core English or Math courses.

SCIENCE COURSES

Previous performance in Science courses and teacher recommendation should be considered in course selection.

BIOLOGY

BIOLOGY **33202X0** **1 CREDIT**

This course is designed to develop student understanding of biological concepts and principles and promote an understanding of plant and animal processes from the cellular to the multi-cellular level. Laboratory work is an important part of each phase of the course. The final exam is the North Carolina Biology End-of-Course Test.

BIOLOGY (HONORS) **33205X0** **1 CREDIT (HN)**

Content and principles for biology are taught but in greater depth and magnitude. Students do extensive research, independent study, and laboratory investigations. This course is designed for students who have shown superior achievement and high interest in previous science courses. The final exam is the North Carolina Biology End-of-Course Test.

ADVANCED PLACEMENT BIOLOGY **3A007X0** **1 CREDIT(AP)**

Recommended prerequisite(s): Biology/Honors Biology and Chemistry/Honors Chemistry

Students study the basic principles and concepts covered in an introductory "General Biology" college-level course. Topics include the structure and function of cells and organisms, the organization, requirements and development of living systems, and heredity and evolution. Students are provided in-depth laboratory experiences. It is expected that students enrolled in this course will take the College Board Advanced Placement Test.

MARINE ECOLOGY **35352X0A** **1 CREDIT**

Recommended prerequisite(s): Biology

The interrelationships among marine organisms and the physical, chemical, geological, and biological factors in their environment are the focus of this course. The importance of the marine environment to life on earth is stressed. North Carolina's coastal processes are studied in detail. Laboratory and field experiences are major components of the course.

ANATOMY AND PHYSIOLOGY (HONORS) **33305X0** **1 CREDIT (HN)**

Recommended prerequisite(s): Chemistry or Honors Chemistry is strongly recommended

This course is designed for the student with a strong background and interest in biology. A detailed study of the human body, including gross structure of the body and physiology, provides the framework of the course. Students are provided more extensive laboratory experiences and independent research than students enrolled in Anatomy and Physiology.

CHEMISTRY

CHEMISTRY **34202X0** **1 CREDIT**

Recommended prerequisite(s): Algebra II or concurrent enrollment in Math III

Chemistry is the study of the composition and properties of matter. It provides an introduction to the theories concerning the structure of matter and includes mathematical problems that illustrate these theories. Laboratory experiences and demonstrations are integral parts of this course.

CHEMISTRY (HONORS) **34205X0** **1 CREDIT (HN)**

Recommended prerequisite(s): Algebra II or concurrent enrollment in Math III

The concepts and principles of chemistry are presented in greater depth and at a more rapid pace than in Academic Chemistry. Students perform extensive research, independent study, and laboratory work. Theoretical and mathematical relationships in chemistry are studied.

CHEMISTRY II (HONORS) **34215X0** **1 CREDIT**

This course will explore those concepts covered in your first chemistry course in more depth, especially the concepts of thermodynamics and equilibrium. It is designed to prepare students for their first college chemistry course, including key lab skills used in the college laboratory setting. This course is also recommended for those students taking either the SAT II: Chemistry Test and/or AP Chemistry.

EARTH SCIENCE

EARTH SCIENCE/ENVIRONMENTAL SCIENCE (HONORS) **35015X0** **1 CREDIT (HN)**

This course focuses on inquiry into the functions of the earth's systems. Emphasis is placed on matter, energy, coastal dynamics, environmental awareness, materials availability, and the cycles that circulate energy and material thorough the earth systems. Laboratory work is a major component of the course.

INTRODUCTION TO METEOROLOGY **30202X0L** **1 CREDIT**

This course focuses on inquiry into atmospheric conditions. Emphasis is placed on weather patterns, cycles of energy, interpreting and analyzing weather models, surface conditions, pollution, upper-air conditions, weather mapping, and climatologic patterns. Laboratory work is a major component of this course.

ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE **3A027X0** **1 CREDIT (AP)**

Recommended prerequisites: Successful completion of two years of high school laboratory science

The AP Environmental Science course is designed to be the equivalent of an introductory college course in environmental science. The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. It is expected that students enrolled in this course will take the College Board Advanced Placement Test.

PHYSICAL SCIENCE

PHYSICAL SCIENCE **34102X0** **1 CREDIT**

This course is designed as an entry-level course. The concepts of physics and chemistry are taught using both laboratory approaches and inquiry teaching. Students use their mathematical skills in the applications of science. Science projects and other independent student research provide students with a better understanding of the processes of science.

PHYSICS

PHYSICS **34302X0** **1 CREDIT**
Recommended prerequisite(s): Algebra II

Students develop a general understanding of the mathematical and motion-oriented study of matter and energy. Mechanics, heat, light, electricity, magnetism, gravity, and nuclear energy are the major topics of study. Students who wish to study these topics in detail should take Honors Physics.

AP PHYSICS I-ALGEBRA BASED **3A057X0** **1 CREDIT (AP)**

AP Physics I is equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It also introduces electric circuits.

Physics I: unlike AP Physics B, which recommends a prior high school physics course, no prior course work in physics is necessary to students to enroll in AP Physics I. Students should have completed Geometry/Math II and be concurrently taking Math III or an equivalent course. Although the Physics I course includes basic use of trigonometric functions, this understanding can be gained either in the concurrent math course or in the AP Physics I course itself.

ADDITIONAL SCIENCE COURSES

FORENSIC SCIENCE **30202X0D** **1 CREDIT**
Recommended prerequisite(s): Successful completion of Biology and Chemistry

In this course students will be examining the role of the forensic scientist. Students will experience the application of the pure sciences as they examine the evidence of various forensic situations. The activities will include traditional methods in addition to modern biotechnological techniques.

FORENSIC SCIENCE (HONORS) **30205X0A** **1 CREDIT (HN)**

This course allows students the opportunity to examine the roles of the modern day forensics scientist. The concepts and principles are presented in greater depth and at a more rapid pace than the academic course. The classroom activities will include traditional and modern biotechnological techniques.

RESEARCH METHODS AND TECHNIQUES (HONORS) **30205X0E** **1 CREDIT (HN)**
Recommended prerequisite(s): Algebra I /Common Core Math I and Biology

This honors level course affords students the opportunity to participate in advanced scientific research and scholarship. Students may do research in biology, chemistry, and the physical sciences. Instruction includes current methods for scientific research and experimental design.

SOCIAL STUDIES COURSES

Previous performance in Social Studies courses and teacher recommendation should be considered in course selection.

THE PAIDEIA PROGRAM – REQUIRED COURSE OPTIONS

World History	American History I	American History II	Civics & Economics
43032X0P	43042X0P	43052X0P	42092X0P
43035X0P (HN)	43045X0P (HN)	43055X0P (HN)	42095X0P (HN)

The Paideia Program, an interdisciplinary approach that is part of a comprehensive program drawn from *The Paideia Proposal*, encourages students to think across subject areas and curriculum boundaries. These courses develop students' critical and analytical thinking skills. Great classics, modern works of literature, and original documents are studied within the appropriate historical framework. Teachers use traditional didactic means, weekly seminars, and supervised practice referred to as coaching. The Paideia Program is a two-credit course that includes the English and social studies requirements necessary for grade promotion. Students must also register for the corresponding Paideia English course.

REQUIRED SOCIAL STUDIES COURSES

For students who entered high school as **freshmen prior to 2012-2013**, North Carolina requires them to take World History, Civics and Economics, and United States History, either regular or honors, to meet the graduation requirement. This does not include any social studies electives.

For students who enter high school as **freshmen in 2012-13**, North Carolina requires them to take World History, American History I: The Founding Principles, American History II, and Civics & Economics, either regular or honors, to meet the graduation requirement. This does not include any social studies electives.

WORLD HISTORY

43032X0

1 CREDIT

This course will address six periods in the study of world history, with a key focus of study from the mid-15th century to the present. Students will study major turning points that shaped the modern world. The desired outcome of this course is that students develop understandings of current world issues and relate them to their historical, political, economic, geographical, and cultural contexts. Students will broaden their historical perspectives as they explore ways societies have dealt with continuity and change, exemplified by concepts such as civilization, revolution, government, economics, war, stability, movement, and technology.

WORLD HISTORY (HONORS)

43035X0

1 CREDIT (HN)

This honors course is designed to challenge students. This course will address six periods in the study of world history, with a key focus of study from the mid-15th century to the present. Students will study major turning points that shaped the modern world. The desired outcome of this course is that students develop understandings of current world issues and relate them to their historical, political, economic, geographical, and cultural contexts. Students will broaden their historical perspectives as they explore ways societies have dealt with continuity and change, exemplified by concepts such as civilization, revolution, government, economics, war, stability, movement, and technology.

AMERICAN HISTORY I: THE FOUNDING PRINCIPLES

43042X0

1 CREDIT

In this course students will examine the historical and intellectual origins of the US from the European exploration and colonial settlement to the Revolutionary and Constitutional eras. Students will learn about the important political and economic factors that contributed to the development of colonial America and the outbreak of the American Revolution, as well as the consequences of the Revolution, including the writing and key ideas of the US Constitution. This course will guide students as they study the establishment of political parties, America's westward expansion, the growth of sectional conflict, how that sectional conflict led to the Civil War, and the consequences of the Civil War, including Reconstruction.

AMERICAN HISTORY I: THE FOUNDING PRINCIPLES (HONORS)

43045X0

1 CREDIT (HN)

This honors course is designed to challenge students. In this course students will examine the historical and intellectual origins of the US from the European exploration and colonial settlement to the Revolutionary and Constitutional eras. Students will learn about the important political and economic factors that contributed to the development of colonial America and the outbreak of the American Revolution, as well as the consequences of the Revolution, including the writing and key ideas of the US Constitution. This course will guide students as they study the establishment of political parties, America's westward expansion, the growth of sectional conflict, how that sectional conflict led to the Civil War, and the consequences of the Civil War, including Reconstruction.

AMERICAN HISTORY II

43052X0

1 CREDIT

Recommended prerequisite(s): American History I: The Founding Principles

In this course students will examine the political, economic, social, and cultural development of the US from the end of the Reconstruction era to the present times. Students will explore the change in the ethnic composition of American society, the movement toward equal rights for racial minorities and women, and the role of the US as a major world power. An emphasis will be placed on the expanding role of the federal government and the federal courts, as well as the continuing tension between the individual and the state. The desired outcome of this course is for students to develop an understanding of the cause –and –effect relationship between past and present events, recognize patterns of the interactions, and understand the impact of events on the US in an interconnected world.

AMERICAN HISTORY II (HONORS) 43055X0 1 CREDIT (HN)

Recommended prerequisite(s): American History I: The Founding Principles

This honors course is designed to challenge students. In this course students will examine the political, economic, social, and cultural development of the US from the end of the Reconstruction era to the present times. Students will explore the change in the ethnic composition of American society, the movement toward equal rights for racial minorities and women, and the role of the US as a major world power. An emphasis will be placed on the expanding role of the federal government and the federal courts, as well as the continuing tension between the individual and the state. The desired outcome of this course is for students to develop an understanding of the cause –and –effect relationship between past and present events, recognize patterns of the interactions, and understand the impact of events on the US in an interconnected world.

CIVICS AND ECONOMICS 42092X0 1 CREDIT

This course provides students with a framework for understanding the basic tenets of American democracy, practices of American government as established by the US Constitution, basic concepts of American politics and citizenship, and concepts in micro- and macroeconomics and personal finance. The goal of this course is to help to prepare students to become responsible and effective citizens in the interdependent world.

CIVICS AND ECONOMICS (HONORS) 42095X0 1 CREDIT (HN)

This honors course is designed to challenge students. This course provides students with a framework for understanding the basic tenets of American democracy, practices of American government as established by the US Constitution, basic concepts of American politics and citizenship, and concepts in micro- and macroeconomics and personal finance. The goal of this course is to help to prepare students to become responsible and effective citizens in the interdependent world.

SOCIAL STUDIES ELECTIVES

AFRICAN AMERICAN STUDIES 46012X0 1 CREDIT

This conceptually driven course introduces students to the exploration of the rich and diverse history and culture of African Americans. The goal of this course is to broaden the knowledge and understandings of students interested in learning about the histories, cultures, and economic, geographic, and political realities of African Americans. This course will provide students with an opportunity to engage with the social, economic, and political activities of African Americans in a way that allows them to make deep connections across the content.

AMERICAN INDIAN STUDIES 46022X0 1 CREDIT

This conceptually driven course introduces students to the exploration of the rich and diverse history and culture of American Indian societies. The goal of this course is to broaden the knowledge and understandings of students interested in learning about the histories, cultures, legacies, and achievements of American Indians from prehistoric to present-day societies. The course offers traditional and contemporary perspectives, which place the land, its history, and the people at the center. This course will emphasize interactions between and within American Indian groups as well as with the government of the United States. The course draws upon concepts and issues of policy, law, economic and cultural change, as well as shared beliefs concerning human-environment interaction.

CONTEMPORARY LAW AND JUSTICE (HONORS) 48005X0J 1 CREDIT (HN)

This honors course provides students with an opportunity for concentrated study of the legal, judicial, law enforcement, and corrections systems of the United States. Foci include legal principles and the laws and procedures derived from them. Examined are relevant examples of civil and criminal laws, law-enforcement methods, court procedures, and efforts toward corrective justice. Students also examine problems within the legal and justice systems and issues that arise from their operation. Students will increase their practical understanding of how the justice system in the United States actually works.

LESSONS OF THE VIETNAM WAR/RECENT INTERNATIONAL RELATIONS (HONORS) 48005X0D 1 CREDIT (HN)

The first half of this honors course focuses on the Vietnam War and related themes. Topics include the geography, history, and culture of Southeast Asia; social protest movement history; worldwide response, problems of refugees and veterans; and Southeast Asia today. The second half is a historical study of major trends and issues in the post-World War II era with a focus on the growing interdependence of world nations. Emphasis is placed on American decision-making process in foreign affairs. Current problems, policies, and programs of the government are analyzed.

PSYCHOLOGY (HONORS) 44035X0 1 CREDIT (HN)

This full-credit honors course is designed to give students an understanding of psychology as a science. Students are introduced to psychology, with a focus on the scientific study of human development, learning, motivation, and personality. This course emphasizes the empirical examination of behavior and mental processes, and it infuses perspectives fostering students' growth, development, and understanding of cultural diversity. Students of psychology acquire information from a variety of sources, use information as they make decisions and evaluations, and solve problems. The study of psychology enables students to recognize and cope with uncertainty and ambiguity in human behavior.

RELIGIONS IN WORLD CULTURES/THE BIBLE IN HISTORY 48002X0A 1 CREDIT

This course is a survey introducing students to religious expression across cultures and to the world religions of Hinduism, Buddhism, Judaism, Christianity, Islam, and Chinese religions. Students will examine religious tenets, practices, responses, and institutions and their impact upon world history and contemporary life. Learners will also explore primary religious texts and scriptures, including the Tanakh, the Bible, the Koran, the Bhagavad Gita, the Analects, the Tao te Ching, and the Dhammapada, and their impacts on religious traditions, adherents, and the modern world.

ADVANCED PLACEMENT COURSES

ADVANCED PLACEMENT EUROPEAN HISTORY 4A017X0 1 CREDIT (AP)

Recommended Prerequisite (s): World History

The focus of this course is from the Renaissance and the Reformation to the post-World War II era. Emphasis is on three main themes: (1) political and diplomatic developments, (2) intellectual and cultural continuity and change, and (3) economic and social developments. Substantial out-of-class reading, writing, and research are expected. Students enrolled in this course are expected to take the College Board Advanced Placement test.

ADVANCED PLACEMENT HUMAN GEOGRAPHY **4A027X0** **1 CREDIT (AP)**

Advanced Placement Human Geography provides students with insight into contemporary developments of world cultures, politics, and economies, including an analysis of the impact of the environment on the progress of world nations and regions. Students evaluate world events and data, write critically about world situations, and debate controversial aspects of an interdependent world. Major units focus on the spatial natures of geography and perspectives, population patterns and processes, cultural patterns and processes, political organization of space, agricultural and rural land use, consequences of industrialization and economic development, cities and urban land use. Students enrolled in this course are expected to take the College Board Advanced Placement test.

ADVANCED PLACEMENT PSYCHOLOGY **4A057X0** **1 CREDIT (AP)**

Students study the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major sub fields within psychology. The study of psychology enables students to recognize and cope with uncertainty and ambiguity in human behavior. Substantial out-of-class reading, writing, and research are expected. Students enrolled in this course are expected to take the College Board Advanced Placement test.

ADVANCED PLACEMENT US GOVERNMENT AND POLITICS **4A067X0** **1 CREDIT (AP)**

Recommended prerequisite(s): Civics & Economics

This course is a survey of the United States national political system. Students will examine the U.S. constitutional system, its historical development, and current trends of the system with the goal to further skill development through a rigorous course of study. Assignments involve student reading, analysis, synthesis, writing, and speaking. Lectures, current problems, and practices are frequently used. Students enrolled in this course are expected to take the College Board Advanced Placement test.

ADVANCED PLACEMENT UNITED STATES HISTORY **4A077X0** **1 CREDIT (AP)**

This course is designed to encourage students to become apprentice historians who are able to use historical facts and evidence in the service of creating deeper conceptual understandings of critical developments in US history. The curriculum of the course centers around four types of historical thinking skills: chronological reasoning, comparison and contextualization, crafting historical arguments from historical evidence, and historical interpretation and synthesis. Students will explore seven themes throughout this course: identity; work, exchange, and technology; peopling; politics and power; America in the world; environment and geography – physical and human; and ideas, beliefs, and culture. Students enrolled in this course are expected to take the College Board Advanced Placement test.

SPECIAL EDUCATION COURSES

Enrollment in these courses is dependent on goals and objectives written in the students’ Individual Education Program (IEP).

DIPLOMA COURSES

CURRICULUM ASSISTANCE	96102X0K	1 CREDIT
CURRICULUM ASSISTANCE (9)	96102X0L	1 CREDIT
CURRICULUM ASSISTANCE (10)	96102X0M	1 CREDIT
CURRICULUM ASSISTANCE (11)	96102X0Q	1 CREDIT
CURRICULUM ASSISTANCE (12)	96102X0R	1 CREDIT

Curriculum Assistance (CA) is a program option designed for students receiving special education services who spend the majority of their day in the general education classroom. The goal is to provide the support necessary for the students to be successful in general education. The three main components of CA are tutorial, remedial, and study skills instruction. The student is taught to organize materials, take notes, take tests, proofread, follow directions, use reference materials, and apply these skills in classroom situations.

INDEPENDENT STUDY SKILLS **96102X0W** **1 CREDIT**

Recommended prerequisite(s): Teacher recommendation

The student works independently in a special area of concentration determined by the student’s IEP goals and objectives.

HIGH SCHOOL READING **96102X0SP** **1 CREDIT**

The course focuses on basic reading skills. Areas of study include phonological awareness, word recognition skills, vocabulary development, comprehension, fluency, and spelling.

Math Courses:

The following Future Ready Core mathematics courses are designed to be taught in collaboration and by the in class resource (ICR) model with General Education. These courses support students as they develop their skills in mathematics. They are part of a course sequence that involves both elective and math credits to prepare students for the Future Ready Core graduation requirements.

See the general education mathematics courses for more information on course content and type of credit received (elective or math).

**Fundamental Math I
Introductory Mathematics**

OCCUPATIONAL COURSE OF STUDY

Eligibility for participation in the Occupational Course of Study is determined by the Individual Education Program (IEP) Team, which includes school personnel, students, and parents. A student should only be considered for participation if the IEP Team determined that the North Carolina Standard Course of Study is inappropriate for the student even with the use of modifications, adaptations, supplemental aides, and services.

OCCUPATIONAL PREPARATION I	9240BX0	1 CREDIT
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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 participate in school-based learning activities including work ethic development, job-seeking skills, decision-making skills, and self-management. Students are involved in on-campus vocational training activities such as school factories, work-based enterprises, hands-on vocational training in Career – Technical Education courses, and the operation of small 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	9241BX0	2 CREDITS
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This course emphasizes the development of skills generic to all careers including resource management, communication, interpersonal skills, technology, stamina, endurance, safety, mobility, motor, teamwork, sensory, problem-solving, cultural diversity, information acquisition/management, and self-management. This course focuses on providing students with a repertoire of basic skills that serve as a foundation for future career application. Students expand their school-based learning activities to include on-campus jobs and begin some work-based learning activities. Job seeking skills also continue to be refined. Students must schedule 2 periods.

OCCUPATIONAL PREPARATION III	9242BX0	2 CREDITS
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This course is designed to allow students to continue the development and begin the application of skills learned in Occupational Preparation I and II. Work-based learning activities are provided including community-based training, job shadowing, job sampling, internships, situational assessment, cooperative education, and apprenticeships. These work-based activities allow students to apply employability skills to competitive employment settings and demonstrate the effectiveness of their work personality. Multiple opportunities for leadership development and self-determination are provided. Students must schedule 2 periods.

OCCUPATIONAL PREPARATION IV	9243BX0	1 CREDIT
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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. This course allows students to solve work-related problems experienced in competitive employment, practice self-advocacy skills and master the theoretical practical aspects of their career choice. Students finish completing the 360 hours of integrated competitive employment in a community setting required for successful completion of the Occupational Course of Study. Students also develop a job placement portfolio that provides an educational and vocational record of their higher school experience.

NCVPS ENGLISH I	9210BX0V	1 CREDIT
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This curriculum exposes students to content that is closely aligned with that of the 9th grade English course content. It focuses on the writing process to develop a product, the development of an understanding of appropriate presentation skills, the use of a variety of strategies to comprehend texts, the identification of examples of appropriate conventions in both written and spoken language, the analysis of cause and effect relationships, the understanding of literary elements, rhetorical techniques, and informational texts, and the application of research tools and techniques to selected topics.

NCVPS ENGLISH II	9211BX0V	1 CREDIT
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This curriculum is directly aligned with that of the 10th grade English course content. See 10th grade English course description.

NCVPS ENGLISH III	9212BX0V	1 CREDIT
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This curriculum focuses on the understanding of literary and informational texts, the use of appropriate communication skills, the creation of written products through the use of a template, the application of reading and comprehension strategies, the problem-solving process, cause and effect relationships to decision-making, and informational research for employment, post-secondary education/training, and independent living settings.

NCVPS ENGLISH IV9213Bx0V 1 credit

This curriculum focuses on the application of literary and informational texts, the evaluation of communication between various audiences, the creation of written products without the use of a template, the application of reading comprehension strategies, the production of a plan to problem solve, the ability to attribute the impact of cause and effect, the generation of a viewpoint based on the analysis of a situation, and the creation of informational products for use in employment, post-secondary education/training, and independent living domains.

NCVPS INTRODUCTION TO MATHEMATICS	9220BX0V	1 CREDIT
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This curriculum focuses on the understanding of rational numbers, the application of mathematical operations, the application of ratios, proportions, and percents to solve problems, the use of two- and three-dimensional figures, the application of time and measurement skills, the application of algebraic properties, the understanding of patterns and relationships, and the understanding of data in terms of graphical displays, measures of center, and range.

NCVPS MATH IA (ELECTIVE CREDIT)	28002X0EV	1 CREDIT
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This course is intended for Occupational Course of Study (OCS) students who will be working with both their face-to-face classroom teacher and an NCVPS online teacher. Math IA prepares students for the subsequent course, Math I. Successful completion of both Math IA and Math I will fulfill the Math I requirement. Students will receive two credits: Math IA as an elective credit and Math I as the Math I credit.

This course blends the best of online and classroom activities. Six engaging units cover topics such as simplifying expressions with exponents, solving equations and inequalities, relations and functions, slope and linear functions, and solving systems of equations and inequalities.

Technology skills will be honed throughout the course by working with a graphing calculator and using the computer in a variety of ways. Pre-Assessments and Check Your Knowledge quizzes will be used as diagnostic tools, lessons present the content, Completion Activities allow the students to practice a skill set, Mastery Assignments measure student understanding, and Remediation Assignments allow students to review. This course is designed to be implemented in a blended learning environment with collaborative instruction delivered by an online highly-qualified high school math teacher as well as a face-to-face OCS teacher. Ideally, the delivery of instruction includes regular computer use as well as time to work on “hands-on” activities.

NCVPS MATH I **9221BX0V** **1 CREDIT**

This course is intended for Occupational Course of Study (OCS) students who will be working with both their face-to-face classroom teacher and an NCVPS online teacher. The Math I course is the second course in the Math I sequence. Successful completion of both the Math IA and Math I will fulfill the Math I requirement. Students will receive two credits: Math IA as an elective credit and Math I as the Math I credit.

This course blends the best of online and classroom activities. Five engaging units cover topics such as polynomials and factoring, quadratic functions, exponential functions, data analysis, and parallel and perpendicular lines. Students will also explore a variety of mathematical formulas and apply these formulas in real-life scenarios. Technology skills will be honed throughout the course by working with a graphing calculator and using the computer in a variety of ways. This course is designed to be implemented in a blended learning environment with collaborative instruction delivered by an online highly-qualified high school math teacher as well as a face-to-face OCS teacher. Ideally, the delivery of instruction includes regular computer use as well as time to work on “hands-on” activities.

NCVPS FINANCIAL MANAGEMENT **9222BX0V** **1 CREDIT**

This curriculum focuses on the understanding of personal financial planning, the appropriate methods for personal financial management and independent living, the understanding of state and federal income taxes, the understanding of wages and compensation, the understanding of the use of credit, the understanding of the different types of insurance, and the application of math skills to consumer spending.

NCVPS APPLIED SCIENCE **9231BX0V** **1 CREDIT**

This curriculum focuses on the understanding of force and motion, of energy and its conservation, of electricity and magnetism, of the properties of matter, the identification of uses and danger of common chemicals, the positive and negative effects humans have on the environment, and the human body’s basic needs and control systems.

NCVPS BIOLOGY **9232BX0V** **1 CREDIT**

This curriculum is directly aligned with that of the Biology course content. See the Biology course description.

AMERICAN HISTORY I **9247BX0** **1 CREDIT**

This course will begin with the European exploration of the new world through Reconstruction. Students will examine the historical and intellectual origins of the United States from European exploration and colonial settlement to the Revolutionary and Constitutional eras. Students will learn about the important political and economics factors that contributed to the development of colonial America and the outbreak of the American Revolutions as well as the consequences of the Revolution, including the writing and key ideas of the U.S. Constitution.

AMERICAN HISTORY II **9248BX0** **1 CREDIT**

This course will guide students from the late nineteenth century time period through the early 21st century. Students will examine the political, economic, social, and cultural development of the United States from the end of the Reconstruction era to present times. This course will trace the changes in the ethnic composition of American society, the movement toward equal rights for racial minorities and women, and the role of the United States as major world power.

CERTIFICATE COURSES

NORTH CAROLINA EXTENDED CONTENT STANDARDS

SKILLS IN INDEPENDENT LIVING **96102X0CC** **1 CREDIT**

This course is designed to assist students in developing competencies in the following areas: money management, purchasing, cooking, laundry, cleaning, proper eating habits, appropriate manners, grooming, transportation, and mobility.

PHYSICAL EDUCATION **60292X0** **1 CREDIT**

This course is designed to help students receiving special education services develop physical and social skills. The student learns to understand and accept limitations: correct problems where possible, develop skills in sports and games suitable to limitations, and develop knowledge and appreciation of body mechanics.

ENGLISH/LANGUAGE ARTS COURSES

ENGLISH/LANGUAGE ARTS I **9310AX0** **1 CREDIT**

This academic course focuses on development of skills needed for communication and comprehension in functional reading and writing. Emphasis is on enabling the student to interact with his environment independently to the extent of his abilities.

ENGLISH/LANGUAGE ARTS II **9311AX0** **1 CREDIT**

This academic course focuses on further development of skills needed for communication and comprehension in functional reading and writing.

ENGLISH/LANGUAGE ARTS III **9312AX0** **1 CREDIT**

This academic course provides development of skills and understanding of functional reading and writing as it pertains to the students interaction with his/her environment in a variety of prevocational/vocational settings.

ENGLISH/LANGUAGE ARTS IV **9313AX0** **1 CREDIT**

This academic course provides further development of the skills and understanding of functional reading and writing as it pertains to the students independent interaction with his/her environment in a variety of vocational settings to the extent of his/her abilities.

MATH COURSES

MATH IA **9320AX0** **1 CREDIT**

This course is designed for students to understand and demonstrate number and quantity by using unit rate to identify quantities, extending the base ten system to tenths and hundredths place, and computing with base ten system to tenths and hundredths place.

MATH IB **9321AX0** **1 CREDIT**

This course is designed for students to understand and demonstrate seeing structures in systems, creating equations, and reasoning with equations and inequalities equivalent expressions, understanding inequalities and solve equations/inequalities.

FINANCIAL MANAGEMENT **9322AX0** **1 CREDIT**

This course is designed for students to understand the impact of human activities on the environment and independence of living organisms within their environments.

SCIENCE COURSES

LIFE SCIENCE **9331AX0** **1 CREDIT**

This course is designed for students to understand and apply safety measures and procedures in a variety of situations in the community an home, apply skills associated with providing simple first aid and obtaining medical treatment when needed and apply the skills needed to practice healthful living and good nutrition.

BIOLOGY A **9332AX0** **1 CREDIT**

This course is designed for students to understand structures and functions of living organisms and understand how living things interact with and within their environments.

BIOLOGY B **9333AX0** **1 CREDIT**

This course is designed for students to understand the impact of human activities on the environment and interdependence of living organisms within their environments.

SOCIAL STUDIES

SOCIAL STUDIES I **9340AX0** **1 CREDIT**

This course is designed for students to understand individual rights and the common good, impact of government on society and individuals, and understand citizenship.

SOCIAL STUDIES II **9341AX0** **1 CREDIT**

This course is designed for students to understand the creation and development of the United States over time through the use of chronological thinking and historical comprehension.

SOCIAL STUDIES III **9342AX0** **1 CREDIT**

This course is designed for students to understand the creation and development of the United States over time through the use of historical research and historical analysis and interpretation.

WORLD LANGUAGE COURSES

Previous performance in World Languages courses and teacher recommendation should be considered in course selection.

FRENCH I **11012X0** **1 CREDIT**

This course is an introduction to the study of the target language and its culture and may be taken in middle or high school. Students perform the most basic functions of the language and become familiar with some elements of its culture. The emphasis is placed on the development of the four skills listening, speaking, reading, and writing within a given context extending outside of the classroom setting when possible. The content focuses on the student's lives and experience, and includes an exposure to everyday customs and lifestyles. Grammar is integrated throughout the course and is selected according to the language conventions (functions).

A general introduction to culture (e.g., literature, laws, foods, games), perspectives (e.g., attitudes, values, beliefs), and practices (patterns of social interaction) is integrated throughout the course. Students acquire some insight into how languages and cultures work by comparing the target language and culture(s) to their own. Integration of other disciplines is ongoing throughout the course.

FRENCH II **11022X0** **1 CREDIT**

Recommended prerequisite(s): French I

Students enrolled in this course have successfully completed a Level I course at middle or high school or have placed out Level I due to previous language study and/or established proficiency.

This course provides students with opportunities to continue the development of their listening, speaking, reading, and writing skills. Students participate in short conversational situations by combining and recombining learned elements of the language orally and in writing. They are able to satisfy basic survival needs and interact on issues of everyday life in present time and past time, inside and outside of the classroom setting. They compose related sentences which narrate, describe, compare, and summarize familiar topics from the target culture. Focus is placed on understanding main ideas in simple text.

Students develop a better understanding of the similarities and differences between cultures and languages and they examine the influence of the beliefs and values on the target culture(s). Integration of the other disciplines is ongoing throughout the course.

FRENCH III (HONORS) **11035X0** **1 CREDIT (HN)**

Recommended prerequisite(s): French II

Students enrolled in this course have either successfully completed Level I and II course at the middle or high school level or have placed out of Levels I and II due to previous language study and/or established proficiency.

This course provides students with additional opportunities to expand their listening, speaking, reading and writing skills as they create with the language and access various materials (short literacy texts, authentic materials, technical manuals, and other media) in generally familiar topics. Students satisfy limited communication and social interaction demands as well as initiate and maintain face-to-face communication. They identify and describe in a series of sentences, groups of related sentences, and short cohesive passages in present, past, and future time; and compose messages, announcements, personal notes, and advertisements.

Students continue to refine their knowledge and understanding of the target language and culture(s) and their own by examining the interrelationship of other cultures to their own, by demonstrating behaviors appropriate in target cultures, and by applying their knowledge and skills inside and outside of the classroom setting. Integration of other disciplines is ongoing throughout the course.

SPANISH I FOR NATIVE SPEAKERS 11492X01 **CREDIT**

Recommended prerequisite(s): Ability to speak and comprehend conversational Spanish

This course is designed specifically for native or heritage speakers of a language other than English who already have some oral language proficiency. The purpose of this course is to enable students to develop, maintain, and enhance their proficiency in the heritage language by providing them the opportunity to listen, speak, and write in a variety of contexts and for a variety of audiences, including the family, school, and the immediate community. The course will allow students to explore the cultures that use the heritage language, including their own, and it will enable students to gain a better understanding of the nature of their own language as well as other languages to be acquired.

SPANISH I **11412X0** **1 CREDIT**

This course is an introduction to the study of the target language and its culture and may be taken in middle or high school. Students perform the most basic functions of the language and become familiar with some elements of its culture. The emphasis is placed on the development of the four skills listening, speaking, reading, and writing within a given context extending outside of the classroom setting when possible. The content focuses on the student's lives and experiences, and includes an exposure to everyday customs and lifestyles. Grammar is integrated throughout the course and is selected according to the language conventions (functions). A general introduction to culture (e.g., literature, laws, foods, games), perspectives (e.g., attitudes, values, beliefs), and practices (patterns of social interaction) is integrated throughout the course. Students acquire some insight into how languages and cultures work by comparing the target language and culture(s) to their own. Integration of other disciplines is ongoing throughout the course.

SPANISH II **11422X0** **1 CREDIT**

Recommended prerequisite(s): Spanish I

Students enrolled in this course have successfully completed a Level I course at middle or high school or have placed out Level I due to previous language study and/or established proficiency.

This course provides students with opportunities to continue the development of their listening, speaking, reading, and writing skills. Students participate in short conversational situations by combining and recombining learned elements of the language orally and in writing. They are able to satisfy basic survival

needs and interact on issues of everyday life in present time and past time, inside and outside of the classroom setting. They compose related sentences which narrate, describe, compare, and summarize familiar topics from the target culture. Focus is placed on understanding main ideas in simple text.

Students develop a better understanding of the similarities and differences between cultures and languages and they examine the influence of the beliefs and values on the target culture(s). Integration of the other disciplines is ongoing throughout the course.

SPANISH III (HONORS)

11435X0

1 CREDIT (HN)

Recommended prerequisite(s): Spanish II

Students enrolled in this course have either successfully completed Level I and II course at the middle or high school level or have placed out of Levels II and III due to previous language study and /or established proficiency .

This course provides students with additional opportunities to expand their listening, speaking, reading and writing skills as they create with the language and access various materials (short literacy texts, authentic materials, technical manuals, and other media) in generally familiar topics. Students satisfy limited communication and social interaction demands as well as initiate and maintain face-to-face communication. They identify main idea(s) and some details in discussions, presentations, and written texts within a cultural context; read and interpret authentic materials; narrate and describe in a series of sentences, groups of related sentences, and short cohesive passages in present, past, and future time; and compose messages, announcements, personal notes, and advertisements. Students continue to refine their knowledge and understanding of the target language and culture(s) and their own by examining the interrelationship of other cultures to their own, by demonstrating behaviors appropriate in target cultures, and by applying their knowledge and skills inside and outside of the classroom setting. Integration of other disciplines is ongoing throughout the course.

SPANISH IV (HONORS)

11445X0

1 CREDIT (HN)

Recommended prerequisite(s): Spanish III

Students enrolled in this course have successfully completed Level III in high school or they have placed out of Levels I-III due to previous language study and /or established proficiency.

A major focus of this course is to enable students to communicate in writing and in extended conversations on a variety of familiar and some unfamiliar topics. Students begin to narrate, discuss, and support fairly complex ideas and concepts using concrete facts and topics with details in a variety of times. They satisfy routine social demands and meet most social requirements. The emphasis of this course can vary, as described above. Many different types of text (short stories, poetry, excerpts from various periods of literature, current events, technical manuals, and other authentic materials) are included, depending on the emphasis and providing for independent reading. Finer points of grammar are studied to aid oral and written communication.

There is more in-depth study of the target culture(s) and their influence throughout the world. Students are able to connect the target language to other disciplines and can compare it to their own. Finally, they are able to use the language inside and outside of the classroom setting.

ADVANCED PLACEMENT SPANISH LANGUAGE & CULTURE

1A087X0

1 CREDIT (AP)

Recommended prerequisite(s): Spanish IV or Spanish V

This course emphasizes the use of language for active communication. Students develop language skills (reading, writing, listening, and speaking) that can be used in various activities and disciplines, and in formal and informal settings, rather than focusing on any specific subject matter. Emphasis is placed on the comprehension of the spoken and written target language in various contexts, coherent, and resourceful communication, and the organization and sharing of oral presentations and written presentations.

This course follows the prescribed curriculum of the Advanced Placement program. Instruction focuses on the mastery of language skills through increased reading, conversation, and composition at the college level. It is expected that students enrolled in this course will take the College Board Advanced Placement Test.

ADVANCED PLACEMENT SPANISH LITERATURE & CULTURE

1A097X0

1 CREDIT (AP)

Recommended prerequisite(s): Spanish IV or Spanish V

The AP Spanish Literature course is designed to provide students with a learning experience equivalent to that of a third-year college course in Peninsular and Latin American literature. The expansive reading list introduces students to the diverse literature written in Spanish and thus helps them reflect on many voices and cultures included in this very rich literature. Students will be exposed to a wide variety of genres and types of disclosure and will enable students to trace the history of the Spanish prose from Don Juan Manuel to the modern times through some of its most brilliant practitioners.

Other Credit Programs

COLLEGE AND UNIVERSITY COURSES

Advanced University Courses are available through dual enrollment for academic enrichment at the college level. Written approval of parents/court appointed custodians and the principal are required prior to enrollment in these courses. **Advanced level courses (third or fourth year) at the college level will be awarded two additional quality points.**

Introductory University Courses are available through dual enrollment for academic enrichment at the **college level**. Written approval of parents/court appointed custodians and the principal are required prior to enrollment in these courses. **Introductory courses (first or second year) at the college level will be awarded an additional quality point.**

The credit for the course will be entered in Powerschool in historical data, after the student has completed the course and upon receipt by the high school of the college transcript showing the grade in the course. Students/parents are responsible for obtaining the college transcript and having it delivered to the school. The exceptions to this process include College and Career Promise courses scheduled by a school and University or Community College courses scheduled by the Early College High Schools and the Academies.

Counselors should submit a heat ticket for the necessary university course codes upon receiving transcript from student.

Graduation Plan

Name: _____ High School: _____ ID# _____

Year entered 9th grade: 20____ / ____ Course of Study: Future-Ready Core (record designation, if applicable) _____ Occupational _____

Other (for students entering 9th grade prior to 2009) _____

Subject Area	9 th Grade Course Name	Credit	10 th Grade Course Name	Credit	11 th Grade Course Name	Credit	12 th Grade Course name	Credit
1. English								
2. Math								
3. Science								
4. Social Studies								
5. Healthful Living or								
6. Additional Course								
7. Additional Course								
8. Additional Course								
Credits Earned								
Other Course								
Other Course								
Summer School								
Online Courses								
Total Credits Earned								

Parent/Court Appointed Custodian: _____ / _____ Student: _____ / _____

Signature

Date

Signature

Date

Email

Address

CO-CURRICULAR ACTIVITIES AND ATHLETICS

For complete information concerning co-curricular activities, please refer to WCPSS Board Policy 6860 which can be found here: <http://www.wcpss.net/policy-files/series/policies/6860-bp.html>

NCAA ELIGIBILITY REQUIREMENTS

ELIGIBILITY REQUIREMENTS

The NCAA has established a central clearinghouse to certify athletic eligibility to Division I and II institutions. Students, who intend to participate with or without a scholarship as a freshman in college, must register with and be certified as eligible by the NCAA Eligibility Center. Please note that initial-eligibility certification pertains only to NCAA requirements for participation in Division I or II athletics and has no bearing on admission to a particular Division I or II institution. Please note the following:

- It is best to register at the beginning of your sophomore year.
- Register online at www.eligibilitycenter.org. For Division III – Contact your Division III College regarding its policies on financial aid, practice and competition.
- For the latest NCAA Division I or II requirements, go to www.eligibilitycenter.org. Please note the differences for Division I students enrolling before August 1, 2016 and Division I students enrolling on or after August 1, 2016.

For most current NCAA Approved Core Course list, go to www.eligibilitycenter.org

If you have questions about NCAA eligibility, please contact the NCAA initial-eligibility Center toll free at 877-262-1492, or website at www.eligibilitycenter.org. This website contains a “Guide for the College-Bound Student-Athlete,” that can be ordered.