

Apex Friendship High School

Program Planning Guide 2015 – 2016



Principal
Matt Wight

[HTTP://APEXFRIENDSHIP.WEEBLY.COM/](http://apexfriendship.weebly.com/)

Table of Contents

Apex Friendship 2015-2016 Registration Timeline.....	4
Graduation Requirements	6
Scheduling High School Courses for Middle School Students	9
High School Courses for Middle School Students FAQ	10
North Carolina Academic Scholars Recognition	12
University of North Carolina System Minimum Admission Requirements	13
Promotion Requirements	14
Course Requirements	15
Class Rank	15
New Enrollees	15
Transfer Credit	16
Early Graduation	17
Mid-Year Graduation	17
Transcripts	17
Grading System	18
Final Exams	18
North Carolina Assessment Requirements	19
Course Descriptions	20
Arts Education Courses	20
Career and Technical Education Courses	23
English Language Arts Courses	28
English as a Second Language Program	30
Healthful Living Courses	31
Mathematics Courses	32
Science Courses	34
Social Studies Courses	36
Special Education Courses	37
World Language Courses	44
Arts Education Pathways.....	46
Graduation Plan	47
Wake County Public School System High School Registration Work Plan	48
Co-Curricular Activities and Athletics	49
NCAA Eligibility Requirements	49

Welcome to that exciting time of year when you choose the courses you will take during the upcoming school year.

The Wake County Public School System's high school program provides students many options based on their career goals, needs, and individual interests. Students may choose from a wide array of courses and programs. Choices students make in high school impact the options they have for future education and job opportunities after high school.

Students may select courses from Arts Education, Career and Technical Education, Computer Education, English Language Arts, English as a Second Language, Healthful Living, Mathematics, Media, Science, Social Studies, and World Languages.

Students must meet all course, credit, and test requirements to earn a high school diploma. Courses are designed to prepare students for postsecondary opportunities from entry-level career options to highly technical fields, from community colleges to four-year colleges and universities. Students are encouraged to pursue the most challenging course of study in which they can be successful.

This planning guide is provided to assist students and their parents or court-appointed custodians in the planning and registration process. It is the responsibility of all students and their parents or court-appointed custodians to make sure that students are registered for the courses they need in order to meet graduation and college or university admission requirements. If you have questions as you review this guide, please contact your student's counselor. That information is located at the end of the guide. You may also want to consult the Apex Friendship High School Website:

<http://apexfriendship.weebly.com>

Apex Friendship Program Description

Welcome to the groundbreaking year of Apex Friendship High School, as you embark on new traditions as future Patriots. Apex Friendship is located right off of the 540 near S. Salem St. Opening with a population of students from Holly Springs, Panther Creek & Apex High Schools, Apex Friendship is sure to grow in size and community. The name Apex Friendship comes from the two communities of the Town of Apex and the nearby unincorporated area of Friendship. Friendship which was formed in the mid-1800s as a peaceful place for whites, blacks and Native Americans to co-exist, according to local history books, is now seen as a historic, rural and unincorporated community just off of Old U.S. 1.

Estimated to enroll approximately 1000 students, Apex Friendship will offer a rigorous course structure to each of the student's day. One of the programs that will be offered to those that decided to apply their freshman year (and for this year only, Sophomore year) is the Academy of Engineering through Project Lead The Way. The Academy of Engineering (AoE) is a smaller learning community within Apex Friendship HS. The program is an integration of Engineering, Math, Science, English and Technology. AoE will introduce students to career opportunities in today's engineering workforce and in the process, will equip them with the personal, analytical, technical and communication skills needed to thrive in any industry.

AoE will engage students in a rigorous, project-based learning curriculum developed by Project Lead The Way (PLTW) which is a nationally acclaimed curriculum. Students focus on the process of defining and solving a problem by applying the engineering design process. Students will have the opportunity to learn the same industry-leading technology and software used in top businesses and organizations. The program is designed to expose students to different engineering disciplines before beginning post-secondary education or careers. Students take coursework in their 9th-12th

Students must be assigned to Apex Friendship High School as their base school in order to apply to the Academy of Engineering. For the 2015-2016 school year, we are opening up the application process to both rising 9th and rising 10th grade students. Note that 2015-2016 will be the only year AoE will accept rising sophomores. We have approximately 75 seats in AoE for each grade level to fill. Students are selected by lottery.

APEX FRIENDSHIP 2015-2016 REGISTRATION TIMELINE

The 2015-2016 registration is open from **March 6th-27th** for all rising 9th and 10th grade students. All students will be registering through their PowerSchool account. Students will need to choose 8 primary courses and 4 alternate selections. *****PLEASE NOTE: Students should be prepared to take any of the courses they sign up for, regardless of whether or not they are primary or alternate selections.** The Master Schedule is based on student selections and will be completed based on registrations. Therefore, staffing directly reflects the student registration process.

Students who do not register on-line by March 27th will be registered by school counselors at Apex Friendship, thereby losing their choice of electives. Counselors will choose those students' classes based on teacher recommendations and courses required for graduation.

2014-2015 SCHEDULING PROCESS

Special Programs Scheduling:

The student's case manager is responsible for preparing each exceptional student's registration materials. He/She has the best information about IEP requirements and will work with each student's school counselor to finalize schedules. Once case managers prepare registration materials, they will be reviewed by the Exceptional Children Coordinator and department chair, and then the student's school counselor for final placement. Students will be recommended for CA, curriculum assistance, as needed by their case managers and then register for it during the on-line registration process.

Waivers

Parents and students may want to waive a teacher-recommended course. We ask that the parent have a conversation with the recommending teacher prior to making the decision to waive their student's course, as teachers can best explain the curriculum for the next level in a manner that educates the students and parents about the best choice for academic success. The waiver form is available on the Sanderson web site main page (<http://apexfriendship.weebly.com>) by clicking on "Student Services", then "Course Placement Waiver". Copies are also available in the Student Services office of each supporting high school. Students who have waived into a course will not be allowed to drop the course at a later date.

AP Registration Contract:

All students interested in signing up for an AP course, regardless of whether or not they are recommended, will be required to read and sign the AP Registration Commitment of Understanding (AP Contract). This statement describes the academic rigor and commitment needed to be successful in an Advanced Placement, college level course. We want all of our students to feel supported and informed as they begin the learning process in one of our AP courses. The AP Course Registration Contract, will be available in Student Services and on the SHS web site "Forms" Section. Completed forms must be submitted to the student's 2nd period teacher, along with their course registration print out by Friday, March 27th, 2014.

PARENT ORGANIZATIONS

PTSA

PTSA is an organization for parents, teachers, and students working jointly to improve education. Through a large network of volunteers, we seek to support our children and all their endeavors at Apex Friendship. From the collection of dues (\$5.00) and several money making activities (sale of T-shirts, etc.) we are able to support such projects as Teacher Appreciation, Open House, publication of newsletters to parents and students, physical building needs, Cultural Arts Programs, etc. The PTSA board meetings will be determined once the building of AF is open for occupancy. Parents are welcome to attend these meetings and we encourage all of you to join us as we work to begin a tradition of excellence at Apex Friendship.

ACADEMIC BOOSTERS

The Academic Boosters Club seeks to recognize and promote student excellence in school-related activities. We give a "pat on the back" to students who excel academically, to those who consistently work up to their potential, and to those who give that "extra effort" by improving their classroom performance. Accolades to students include honor roll bulletin boards, the Renaissance Program, and a special Academic Excellence Evening. Membership dues are \$5.00 per year.

ATHLETICS CLUB

The Apex Friendship Athletics Club is an organization of parents and friends interested in maintaining unequalled athletic programs for the students of Apex Friendship High School. It provides support through funding needs (buses, equipment, facilities), organizing and sponsoring athletic banquets, and concession stands at athletic events, etc. Funds are raised through membership fees and the sale of advertisements in athletic programs. The club meetings will be determined once occupancy of Apex Friendship is determined. Everyone is invited to attend!

BAND BOOSTERS

The Apex Friendship Band Boosters are dedicated to the development of a quality band program as well as the development of an enthusiastic spirit for music education. Through fruit and flower drives, yard sales, etc., we are able to offer financial support for numerous projects (costumes, trips, instruments, props, etc.). Our children in return share their talents with everyone at football games, concerts, musicals, competitions, etc. Meetings will be determined once occupancy of Apex Friendship is determined.

THEATRE BOOSTERS

The Apex Friendship Theatre Booster Club is dedicated to educational and artistic purposes. The organization allows a working relationship with the theater teacher to benefit theater students and members of main stage productions. In a typical year, there is a fall production and a musical. In addition, each theater class performs a showcase to highlight work from the course. The meetings will be determined once the building of AF is open for occupancy.

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 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 that 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.

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	Not required for graduation. Required to meet MAR (minimum application

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
					requirements) for UNC system.	requirements) for UNC system.
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

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 all other students from 2015-16 school year on:

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
			Essentials of Math
			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.

Course Descriptions

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

SCULPTURE/CERAMICS – VISUAL ART SPECIALIZATION (INTERMEDIATE)

54622X0B**1 CREDIT**

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

Students begin to develop their knowledge and technical abilities in three-dimensional design through the medium of clay and other sculptural materials. Various types of clay construction and glazing techniques are explored. Emphasis will be placed on technique, originality, planning and organizing three-dimensional compositions.

SCULPTURE/CERAMICS – VISUAL ART SPECIALIZATION (PROFICIENT)

54635X0B**1 CREDIT (HN)**

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

Students expand their knowledge and technical abilities in three-dimensional design through the medium of clay (hand building and/or wheel) and other sculptural materials (plaster, wood, wire, paper mache, etc.). All types of construction, glaze formulation, and firing techniques are explored. Form and shape are stressed using materials appropriate to sculpting. Success at the honors level requires rigorous study, excellence in design and production, and extensive knowledge of a variety of art forms.

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.

ART HISTORY – VISUAL ART SPECIALIZATION (BEGINNING)

54612X0A**1 CREDIT**

This course is a comprehensive study of art through the ages. Students explore works of famous artists within the cultural context of each time period. This integrated approach encourages understanding of humanity from a visual arts perspective.

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.

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.

TECHNICAL THEATRE - THEATRE ARTS SPECIALIZATION (BEGINNING)

53612X0A

1 CREDIT

Students explore the various aspects of design and production for theatre. Areas of study may include scenery, lighting, sound, makeup, properties, costumes, and stage management.

TECHNICAL THEATRE - THEATRE ARTS SPECIALIZATION (INTERMEDIATE)

53622X0A

1 CREDIT

Recommended prerequisite(s): Technical Theatre – Beginning

Students develop technical skills through design and production. Technical support for school productions requires participation in after-school rehearsals and performances.

TECHNICAL THEATRE - THEATRE ARTS SPECIALIZATION (PROFICIENT)

53635X0A

1 CREDIT(HN)

Recommended prerequisite(s): Technical Theatre – Intermediate

Students who have demonstrated a high skill level in technical theatre can continue to study various areas of technical theatre by focusing on more advanced design and production skills. Students are expected to participate in after-school rehearsals and performances as well as provide technical support for school-based events.

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.

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 CTSOs 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

BUSINESS, FINANCE, AND INFORMATION TECHNOLOGY EDUCATION

PERSONAL FINANCE

BF052X0**1 CREDIT**

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**

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 & POWER POINT (HONORS)

BM105X0**1 CREDIT (HN)**

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 (HONORS)

BM205X0**1 CREDIT (HN)**

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**

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.

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.

ENTREPRENEURSHIP I (HONORS)*

ME115X0**1 CREDIT (HN)**

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

In addition to the standard course requirements for Entrepreneurship I, 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.

COMPUTER SCIENCE PRINCIPLES (HONORS)

BP405X0**1 CREDIT (HN)**

Prerequisite: None

This course is an introduction to the principles of computer science, including the history, social implications, and future of computing and how computing empowers discovery and progress in other fields. The relevance of computing to the student and society will be emphasized. Students will learn the joy of programming a computer using a friendly, graphical language, and will complete a substantial team programming project related to their interests. This course has been approved by the AP College Board and is a pre-AP course that is inherently Honors.

AP COMPUTER SCIENCE**2A027X0****1 CREDIT**

Prerequisite: None

This is a college-level introductory course in computer science. Because the design and implementation of computer programs to solve problems involves skills that are fundamental to the study of computer science, a large part of the course is built around the development of computer programs that correctly solve a given problem. These programs should be understandable, adaptable, and when appropriate, reusable. At the same time, the design and implementation of computer programs is used as a context for introducing other important aspects of computer science, including the development and analysis of algorithms, the development and use of fundamental data structures, the study of standard algorithms and typical applications, and the use of logic and formal methods. In addition, the responsible use of these systems is an integral part of the course. The course is designed to be the equivalent of a first-semester college course in computer science. Mathematics is reinforced throughout the course. Work-based learning strategies appropriate for this course include apprenticeship, cooperative education, entrepreneurship, internship, mentorship, school-based enterprise, service learning, and job shadowing. 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. Further information about the course and the AP Computer Science Exam can be found at http://www.collegeboard.com/student/testing/ap/sub_compscia.html

FAMILY AND CONSUMER SCIENCES EDUCATION**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 ***FA322X0****1 CREDIT**

Prerequisite: Apparel I

In this course students are introduced to advanced clothing and housing apparel development skills. The use of fibers and fabrics is combined with design and construction techniques to develop and produce clothing or housing apparel products. A real or simulated apparel business enterprise and FCCLA activities allow students to apply instructional strategies and workplace readiness skills to an authentic experience and to develop a portfolio. Mathematics and science 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 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***FN422X0****1 CREDIT**

Prerequisite: Foods I OR 7121 Culinary Arts and Hospitality I

This course focuses on advanced food preparation techniques while applying nutrition, food science, and test kitchen concepts using new technology. Food safety and sanitation receive special emphasis, with students taking the exam for a nationally recognized food safety credential. Students develop skills in preparing foods such as beverages, salads and dressing, yeast breads, and cake fillings and frostings. A real or simulated in-school food business component allows students to apply instructional strategies. English language arts, mathematics, and science are reinforced. Work-based learning strategies appropriate for this course include apprenticeship, cooperative education, entrepreneurship, internship, mentorship, school-based enterprise, service learning and job shadowing. 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.

PERSONAL FINANCE**BF052X0****1 CREDIT**

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 in this course. 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.

HEALTH SCIENCE EDUCATION**BIOMEDICAL TECHNOLOGY I****HB112X0****1 CREDIT**

Prerequisite: None

This course challenges students to investigate current medical and health care practices using technology and advances in health care research. Topics include ethics, forensic medicine, infectious diseases, organ transplants, cell biology and cancer, and biomedical research. 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.

BIOMEDICAL TECHNOLOGY II**HB122X0****1 CREDIT**

This course focuses on genetics, neurobiology, sleep disorder and biological rhythms, bioethics, the evolution of medicine, and use of technology to study cellular and molecular biology. The curriculum was developed by the National Institutes of Health (NIH). Students will learn about careers in biotechnology within the context of the course content. Projects, teamwork, and demonstrations serve as instructional strategies that reinforce the curriculum content. English language arts and science are reinforced in the 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 Occupation Students of America (HOSA) competitive events, community service, and leadership activities provide the opportunity to apply essentials standards and workplace readiness skills through authentic experiences.

BIOMEDICAL TECHNOLOGY II (HONORS)**HB125X0****1 CREDIT**

Prerequisite: Biomedical Technology I

In addition to the standard course requirements of Biomedical Technology 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 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***HU422X0****1 CREDIT**

Prerequisite: Health Science I or Medical Science I

This course is designed to help students expand their understanding of financing and trends of health care agencies, fundamentals of wellness, legal and ethical issues, concepts of teamwork, and effective communication. Students will learn health care skills, including current CPR and first aid training. English language arts and science are reinforced in this course. Work-based learning strategies appropriate for this course include internship, mentorship, 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

PERSONAL FINANCE

BF052X0

1 CREDIT

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

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 to 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.

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.

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. 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.

HOSPITALITY AND TOURISM*

MH422X0

1 CREDIT

Prerequisite: MM51 Marketing or BF10 Principles of Business and Finance or MH31 Sports and Entertainment Marketing I

Recommended for Grades 10-12

In this course, students acquire understanding of the economic impact and marketing strategies for hospitality and tourism destinations. Emphasis is on destination complexity, customer relations, economics, legal and ethical responsibilities, safety and security, and tourism promotion. English language arts, mathematics, social studies, and technology 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.

TECHNOLOGY ENGINEERING AND DESIGN

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.

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

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.

ENGLISH I (HONORS)

10215X0

1 CREDIT (HN)

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.

ENGLISH II

10222X0

1 CREDIT

Prerequisite: English I

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.

ENGLISH II (HONORS)

10225X0

1 CREDIT (HN)

Prerequisite: English I

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.

ENGLISH ELECTIVE COURSES

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.

CREATIVE WRITING I (HONORS)	10255XOD	1 CREDIT (HN)
------------------------------------	-----------------	----------------------

In this course, students will study the elements of creative expression and production through mentor texts and original poetry, short story, memoir, drama, and essay. Students will use a writer's workshop course structure of self- and peer- evaluation and multiple revisions to produce publishable works of literature. Students will be expected to develop an extended project of work over time, responding to feedback and revising for a specific audience, such as a school literary magazine.

CREATIVE WRITING II	10252X0H	1CREDIT
----------------------------	-----------------	----------------

Recommended prerequisite(s): Creative Writing I

In this course students research, create, read, and study a specific genre and the movements within that genre over the past 100 years. They create manuscripts for presentation to various outlets for publication and may be expected to participate in the publication of a school literary magazine.

CREATIVE WRITING II (HONORS)	10255X0K	1 CREDIT (HN)
-------------------------------------	-----------------	----------------------

Recommended prerequisite(s): Creative Writing I

This course is designed for students interested in exploring the Creative Writing II curriculum at a more intensive and extensive level. Students taking this course for Honors credit must write extended and polished responses to course assignments, participate in peer review panels, and submit manuscripts for publication. They may also be expected to participate in local publication of a school literary magazine.

CULTURAL MEDIA LITERACY	10252X0E	1 CREDIT
--------------------------------	-----------------	-----------------

This course is designed for the student to study forms of media that entertain, inform, and shape our society including television, movies, video games, music, advertisements, news media, the Internet, and literature. Students will study media from a historical perspective and analyze media so that they will be informed consumers and citizens able to make decisions in our democratic society. Through individual and group projects, students will examine the relationship between culture and media.

INTEGRATED READING	10252X0F	1 CREDIT
---------------------------	-----------------	-----------------

Recommended co-requisite: English I

This course is to be taught as a companion to English I and is designed for students who benefit from instruction in phonemic awareness, decoding, fluency, spelling, vocabulary, and comprehension. Students receive targeted instruction in reading at the same time they are taking English I in order to support their literacy growth in the context of opportunities to develop reading, writing, speaking, and viewing skills.

INTRODUCTION TO HIGH SCHOOL WRITING	10252X0B	1 CREDIT
--	-----------------	-----------------

Recommended for grade 9

In this course, students produce expressive, informational, argumentative, critical, and literary writing as background for all high school English classes. The writing process, with emphasis on revising/editing, is modeled. In addition, students build grammar skills to apply in their writing.

INTRODUCTION TO COMMUNICATIONS AND MASS MEDIA	10312X0B	1 CREDIT
--	-----------------	-----------------

This introductory course is designed for students interested in pursuing additional coursework in journalism, media, and communications. Students examine the basics of writing, design, and production as well as current industry issues.

READING COMPETENCY	10252X0C	1 CREDIT
---------------------------	-----------------	-----------------

This course is designed for students entering high school with an intervention plan based on their Level I or Level II score on the eighth grade End-of-Grade Reading Test. This course coaches students in reading skills, thinking skills, and test-taking skills that will enhance the ability to perform grade level work in English I and English II.

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.

SPEECH I (HONORS)	10145X0	1 CREDIT (HN)
--------------------------	----------------	----------------------

This course is designed for students interested in exploring the Speech I curriculum at a more intensive and extensive level. Students taking this course for Honors credit must write and deliver deeply considered and polished responses to course assignments, participate in peer review panels, and extend their thinking through preparing presentations that fulfill fundamental standards for selected events promoted by the National Forensics League.

SPEECH II	10152X0	1CREDIT
------------------	----------------	----------------

Recommended prerequisite(s): Speech I

This course hones public speaking skills so that students may more rewardingly engage in competitive speaking and debate. Class activities are modeled on local, statewide, and national events expected by the National Forensics League. Included are dramatic and humorous interpretation of poetry and prose, student Congress, public forum and Lincoln-Douglas debate, extemporaneous speaking, and original oratory. Students who belong to a Speech and Debate Team will greatly benefit from this course, but all students who want to take their skills to the next level would derive much benefit and pleasure.

SPEECH II (HONORS)**10155X0****1 CREDIT(HN)**

Recommended prerequisite(s): Speech I Honors

The Honors section of this course requires students to meet the rigorous and rewarding standards promoted by the National Forensics League. Students will explore all of the main events sponsored by the league: dramatic and humorous interpretation of poetry and prose, student Congress, public forum and Lincoln-Douglas debate, extemporaneous speaking, and original oratory. In the process of honing their skills, students will be expected to delve more deeply into the art of argumentation and the resources available through advanced research.

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.

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 I, 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.

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

ADVANCED LANGUAGE SUPPORT FOR ELLS**10382X08****1 CREDIT**

This course is recommended for students who qualify for ESL IV when the course is not offered. This course will focus on the finer details of the English language, specifically the academic language and skills needed for success in the regular classroom. Instruction will include support for higher levels of English language development, and guidance for organizing and completing projects and related tasks. Maximum class size should be less than 15.

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

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.

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.

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.

MATH I	21032X0	1 CREDIT
---------------	----------------	-----------------

Recommended prerequisite(s): Mastery of the middle school mathematics curriculum

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.

SPECIAL TOPICS IN MATHEMATICS (ELECTIVE CREDIT) 28002X0D 1 CREDIT

Recommended prerequisite(s): Marginal proficiency in Math I in 8th grade

Special Topics in Mathematics deepens the understanding of mathematical concepts covered in Math I to ensure that students are successful in future math courses that involve the Common Core State Standards for Mathematics. Students will be exposed to the content of Common Core Math I to reinforce crucial skills needed for Honors level courses. Students will also preview content for Honors Math II.

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.

DISCRETE MATH

24012X0

1 CREDIT

Recommended prerequisite(s): Algebra II or Math III

Discrete Math introduces students to the mathematics of networks, social choice, and decision-making. The course extends students' application of matrix arithmetic and probability. Applications and modeling are central to this course of study. Appropriate technology, from manipulatives to calculators and application software, is used for instruction and assessment. This course is accepted as the fourth math for admission to UNC System institutions. . The final exam is the North Carolina Final Exam for Discrete Math.

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.

MATHEMATICS ELECTIVE COURSES BEYOND MATH III

The following mathematics courses do not count as the 4th math required for graduation.

TRIGONOMETRY (ELECTIVE)

28002X0C

1 CREDIT

Recommended prerequisite(s): Algebra II or Math III

This course includes a complete study of analytic geometry and trigonometry, circular and right triangle trigonometry graphing, trigonometric identities, proofs, oblique triangles, inverse functions, vectors, polar graphing, complex numbers, iteration, and fractals, hyperbolic functions, sequences, and series. Applications, modeling, and data analysis are included throughout the course of study. Appropriate technology, from manipulatives to calculator and application software, is used for instruction. This course qualifies as the fourth math for graduation but it not accepted as the fourth math to admission to UNC System institutions.

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.

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**33302X0****1 CREDIT**

Recommended prerequisite(s): Biology

This course provides the student with a general study of the structure of the human body and a detailed study of the functions of the body systems. Laboratory work includes anatomical studies of mammals such as fetal pigs and cats.

CHEMISTRY**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.

EARTH SCIENCE**EARTH SCIENCE/ENVIRONMENTAL SCIENCE****35012X0****1 CREDIT**

Students are provided an in-depth study of the earth processes including plate tectonics, rock and mineral formation, and landforms. Laboratory work is a major component of the program.

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 through the earth systems. Laboratory work is a major component of the course.

ASTRONOMY**35402X0****1 CREDIT**

The underlying principles of life, earth, and physical science are integrated in this study of the universe. Historical astronomy, the solar system, comets, constellations, extraterrestrial life, and the evolution of stars are the major topics of study. Observational astronomy skills and critical thinking are fostered through the use of laboratory and field activities.

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.

SOCIAL STUDIES COURSES

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.

SOCIAL STUDIES ELECTIVES**CONTEMPORARY LAW AND JUSTICE****48002X0J****1 CREDIT**

This academic course focuses on the legal, judicial, law enforcement and corrections systems of the United States. 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.

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.

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.

SOCIOLOGY (HONORS)**44005X0****1 CREDIT (HN)**

This full-credit honors course is designed to give students the tools necessary to concentrate on the systematic study of human society and human interaction. Students develop a sociological imagination in which they observe the connections between their personal lives within society, as well as public policy issues. Using observation, the scientific method, and cross-cultural examination, students discover how patterns of behavior develop, culture is learned, and social predictions are made.

SOCIOLOGY/ PSYCHOLOGY**48002X0B****1 CREDIT**

This course provides an overview in the areas of Sociology and Psychology as a combined full-credit elective. Sociology gives students a general background of the major aspects of sociology. Students study the basic forces of social relationships as they influence the values, behavior, and knowledge of man. This course promotes an understanding of the way people develop an identity as individuals and as members of their societies and cultures. In Psychology, the story and growth of psychology as a science are studied. Basic theories of learning, personality development, patterns of human behavior, heredity and environment, and mental health are analyzed.

ADVANCED PLACEMENT COURSES**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.

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.

CURRICULUM ASSISTANCE RESOURCE HI	96102X0T	1 CREDIT
--	-----------------	-----------------

This is a language based Curriculum Assistance (CA) designed specifically for hearing impaired students.

CURRICULUM ASSISTANCE RESOURCE VI	96102X0U	1 CREDIT
--	-----------------	-----------------

This is Curriculum Assistance (CA) designed specifically for visually impaired students utilizing adaptive materials and assistive technology.

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.

INTRODUCTION TO COMMUNICATION SKILLS (READING)	96102X0P	1 CREDIT
---	-----------------	-----------------

This program focuses on basic reading and writing skills. Assignments, materials, and lesson presentations are modified based on the student's abilities. Areas of study include phonological awareness, word recognition skills, vocabulary development, comprehension, fluency, spelling patterns, handwriting, and simple written expression

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

Foundations of Math I

Math IB

Foundations of Math II

Foundations of Math III

VOCATIONAL EXPERIENCE CAREER TRAINING FOR EC	96102X0FF	1 CREDIT
---	------------------	-----------------

This course assists students in special education to develop entry-level job skills and competencies. The competencies include student assessment, career exploration, and employability skill development. After students identify job interests and develop job-seeking skills, they may be placed at a work site.

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

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

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

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

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.

ENGLISH I

9210BX0

1 CREDIT

This curriculum exposes students to content that is closely aligned with that of 9th grade English courses 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 text, and the application of research tools and techniques to selected topics.

NCVPS ENGLISH I

9210BX0V

1 CREDIT

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.

ENGLISH II

9211BX0

1 CREDIT

This curriculum is directly aligned with that of the 10th grade English course content. See 10th grade English course description.

NCVPS ENGLISH II

9211BX0V

1 CREDIT

This curriculum is directly aligned with that of the 10th grade English course content. See 10th grade English course description.

ENGLISH III

9212BX0

1 CREDIT

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 III

9212BX0V

1 CREDIT

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.

ENGLISH IV

9213BX0

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 ENGLISH IV	9213BX0V	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.		
INTRODUCTION TO MATHEMATICS	9220BX0	1 CREDIT
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 INTRODUCTION TO MATHEMATICS	9220BX0V	1 CREDIT
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.		
MATH IA (ELECTIVE CREDIT)	28002X0E	1 CREDIT
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.		
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.		
NCVPS MATH IA (ELECTIVE CREDIT)	28002X0EV	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. 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.		
MATH I	9221BX0	1 CREDIT
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.		
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.		
FINANCIAL MANAGEMENT	9222BX0	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 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.		
APPLIED SCIENCE	9231BX0	1 CREDIT
This curriculum focuses on the understanding of force and motion, of energy and its conversation, 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 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.		
BIOLOGY	9232BX0	1 CREDIT
This curriculum is directly aligned with that of the Biology course content. See Biology course description.		
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.		
NCVPS AMERICAN HISTORY I	9247BX0V	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 economic 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 21 st 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.		
NCVPS AMERICAN HISTORY II	9248BX0V	1 CREDIT
This course will guide students from the late nineteenth century time period through the early 21 st 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 facial minorities and women, and the role of the Unites 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.

VOCATIONAL EXPERIENCE **96102X0AA** **1 CREDIT**

This course for students in special education is to develop entry-level job skills and competencies. The competencies include student assessment, career exploration, and employability skill development. After students identify job interests and develop job-seeking skills, they may be placed at a work site. Low Incidence Prerequisites are: (1) work related behaviors, (2) employment adjustment.

EMPLOYMENT ADJUSTMENT **96102X0EE** **1 CREDIT**

Students participate in on-campus jobs based on IEP goals to build job related skills.

WORK RELATED BEHAVIOR **96102X0DD** **1 CREDIT**

This curriculum concentrates in work related behaviors. The school setting environment is organized to promote independence and skill building. Students are assisted in developing a sense of organization, dependability, speed, and quality of production as reflected in a student's IEP.

SOCIALIZATION LEISURE SKILLS **96102X0BB** **1 CREDIT**

The socialization curriculum concentrates on work related behavior. The curriculum includes assuming the roles associated with the development of acceptable manners, recognition and respect for authority, development of self-responsibility, and appropriate expression of emotions. Activities are related to actual experiences. Concepts lead to the student's recognition of himself as a valuable asset to society. The purpose of leisure education is to assist students in developing the skills necessary to enjoy leisure time with opportunities for learning about leisure, developing leisure skills, and practicing the skills in actual leisure environments.

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 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 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

11492X0

1 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 II FOR NATIVE SPEAKERS HONORS

11505X0

1 CREDIT (HN)

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

This course is designed specifically for a 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 student to further develop, maintain, and enhance their proficiency in the heritage language by providing them the opportunity to listen, speak, read, and write in a variety of contexts and for a variety of audiences, including the family, school, and broader community. The course will allow students to explore the cultures that use the heritage language, including their own, and will enable students to gain a better understanding of the nature of their own language as well as other languages to be acquired.

Note: This course may be taken in middle or high school. The objectives for Heritage Language Level II, which is the equivalent of a Level III as modern language course, are written at the honors level; therefore, this course is always assigned to category H (1point)

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.

LATIN I

12412X0

1 CREDIT

This course is an introduction to the study of the classical language and the Greco-Roman culture and may be taken in middle or high school. Students learn the basic functions of the language, become familiar with some of the elements of its culture and increase their understanding of English. Emphasis is placed on the development of skills in reading and comprehension of adapted texts.

Integration of the other disciplines with special emphasis in English Language Arts is ongoing throughout the course.

LATIN II

12422X0

1 CREDIT

Recommended prerequisite(s): Latin I

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

This course continues the study of the classical language and Greco-Roman culture. Students learn increasingly complex functions of the language, become familiar with more elements of the culture, and increase their understanding of English. Emphasis is placed on the development of skills in reading and comprehension of adapted texts.

Integration of other disciplines, with special emphasis on English Language Arts, is ongoing throughout the course.

LATIN III (HONORS)

12435X0

1 CREDIT (HN)

Recommended prerequisite(s): Latin II

Students enrolled in this course have successfully completed Level I and II courses in high school or have placed out of both levels due to previous language study and/ or established proficiency.

This course focuses on advanced grammar skills in the classical language. It introduces the study of literature and emphasizes the process of reading authentic texts. Students continue to refine their knowledge and understanding of the Greco-Roman and their own culture by examining the interrelationships of these cultures and applying their knowledge and skills inside and outside the classroom setting.

Integration of the other disciplines with special emphasis on English Language Arts is ongoing throughout the course.

Pathways provide an opportunity for students to select an area of concentration working toward college and career readiness. These course clusters provide students with the knowledge needed to pursue a particular area of interest.

ARTS EDUCATION PATHWAYS

9th graders entering before 2009 - 2010

Arts Education Pathways are clusters of courses that provide students with the knowledge needed to pursue a particular career interest area. Students must earn at least four credits in an **Arts Education Pathway** to include a capstone course to meet the pathway requirement for the Career Prep **Course of Study**. **Arts Education Pathways** provide students with a focused plan of study and provide students with an appropriate foundation for future participation and success in the arts.

*Capstone (second level, advanced course)

Music

Vocal Music I
Vocal Music II*
Vocal Music III (Honors)
Vocal Music IV (Honors)
Music Theory – Music Specialization
Advanced Placement Music Theory
Music Appreciation – Music Specialization
Instrumental Music I
Instrumental Music II*
Instrumental Music III (Honors)
Instrumental Music IV (Honors)
Jazz Ensemble – Music Specialization
Musical Theatre Orchestra – Music Specialization
Independent Study – Music Specialization

Visual Arts

Visual Arts I
Visual Arts II*
Visual Arts III (Honors)
Visual Arts IV (Honors)
Visual Arts Laboratory Technician – Visual Art Specialization
Advanced Placement Visual Arts
Computer Art and Animation I – Visual Art Specialization
Computer Art and Animation II* – Visual Art Specialization
Commercial Art: Printmaking/Textiles Art History – V. A. Spec.
Advanced Placement Art History
Sculpture/Ceramics I – Visual Art Specialization
Sculpture/Ceramics II * – Visual Art Specialization
Sculpture/Ceramics III (Honors) – Visual Art Specialization
Drawing Painting – Visual Art Specialization
Independent Study – Visual Art Specialization

Theatre Arts

Theatre Arts I
Theatre Arts II*
Theatre Arts III (Honors)
Theatre Arts IV (Honors)
Technical Theatre I – Theatre Arts Specialization
Technical Theatre II * – Theatre Arts Specialization
Technical Theatre III – Theatre Arts Specialization
Independent Study – Theatre Arts Specialization

Dance

Modern Dance I
Modern Dance II*
Modern Dance III (Honors)
Modern Dance IV (Honors)
Independent Study – Dance Specialization

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 _____

Wake County Public School System

High School Registration Work Plan

Name _____ ID# _____ Email _____

 Last First Middle

Parent/Court Appointed Custodian Address

2015-2016 High School _____ **Current Middle School** _____
(rising 9th only)

Directions: Completing the information on this worksheet will help you prepare for the course selection process. Teachers and school counselors will guide you in choosing the most appropriate courses. Note: If you are not selecting a healthful living course, enter an additional course from another subject area.

Subject Area	Course Number						Credit	Course Name
1. English								
2. Math								
3. Science								
4. Social Studies								
5. Healthful Living								
6. Additional Course*								
7. Additional Course								
8. Additional Course								
1. Alternative Course								
2. Alternative Course								
3. Alternative Course								
4. Alternative Course								

*Second Language, Arts, CTE, JROTC, etc.

Student Signature _____

Parent/Court Appointed Custodian Signature

Home Phone #	Work Phone #
--------------	--------------

Parent/Court Appointed Custodian Email

Driver Education

Driver Education is offered through a private contractor during after-school hours, holidays, and summer months. Enrollment information is available from site coordinators located in each high school.

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.