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**IREDELL-STATESVILLE SCHOOLS
HIGH SCHOOL CURRICULUM GUIDE
2004-2005**

INTRODUCTION

During the next several years, students will be responsible for making significant decisions about their future. One of these decisions will be to select a high school course of study. Information contained in the Curriculum Guide is designed to assist students in selecting courses which will be both interesting and beneficial. Students should consider carefully the variety and content of course offerings and select those that will coincide with their future plans, interests, and abilities.

NORTH CAROLINA HIGH SCHOOL COURSES OF STUDY

1. College/University Prep
2. College Tech Prep
3. Career Prep
4. Occupational Course of Study (for selected students with disabilities)

The Iredell-Statesville School System offers a traditional university preparation course of study, COLLEGE/UNIVERSITY PREP. Beginning with the Graduating Class of 2004, the COLLEGE TECH PREP course of study requires four (4) Career & Technical units of credit within a specific career pathway, one of which must be a second level (advanced) course. Beginning with the Graduating Class of 2004, the CAREER PREP course of study requires four (4) Career & Technical units of credit within a specific career pathway, one of which must be a second level (advanced) course, or four (4) Arts Discipline units of credit, or four (4) JROTC units of credit. A student choosing the Arts or JROTC Pathway must take four (4) courses in one subject area, such as JROTC, art, drama, band or chorus, with one being a higher level course.

The ten (10) Career & Technical Pathways are:

1. Agricultural and Natural Resources Technologies
 2. Biological and Chemical Technologies
 3. Business Technologies
 4. Commercial and Artistic Production Technologies
 5. Construction Technologies
 6. Engineering Technologies
 7. Health Sciences
 8. Industrial Technologies
 9. Public Service Technologies
 10. Transport Systems Technologies
- (Course offerings for each Career Pathway are located at the end of this guide)

ADVANCED PLACEMENT (AP)

Advanced Placement courses are designed to give students the opportunity to pursue college-level studies while still in high school and to receive course credit and placement upon entering a university. **An Advanced Placement course is challenging, stimulating and, compared to other high school courses, takes more time and requires more homework.** It also goes into greater depth and gives greater opportunity for individual progress and accomplishment. Students in AP courses are required to take the AP exam at the end of the school year.

TITLE IX AND 504 INFORMATION

The Iredell-Statesville School System does not discriminate in class enrollment on the basis of sex, race, creed, national origin, handicapping conditions, or family circumstance.

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The Iredell-Statesville School System encourages all students and parents/guardians to select the strongest possible academic courses. During registration, parents/guardians have the right to question or to challenge any placement of their student in any class. The Iredell-Statesville School System does not discriminate in class enrollment on the basis of sex, race, creed, national origin, handicapping condition, or family circumstance.

IREDELL-STATESVILLE HIGH SCHOOL SCHEDULE

The five high schools of the Iredell-Statesville School system operate on a school year that meets the North Carolina State Board of Education requirements based on the Public School Laws of North Carolina. The high schools operate on a "4 X 4" or "Block" Schedule. Each student completes four courses in the fall term and four courses in the spring term for a total of eight (8) credits per year. The daily schedule includes four ninety-minute classes. In addition to this schedule, students may be afforded the opportunity to participate in additional periods of instruction that will be designed to meet the unique needs of the students at each individual high school. These additional periods will be offered prior to the regular school day or after the close of the regular school day, depending on the specific needs of students and the requests for specific course offerings.

HIGH SCHOOL PROMOTION STANDARDS

	10 th Grader	11 th Grader	12 th Grader
Graduating Class of 2005, 2006, 2007, 2008	6	13	20

REQUIREMENTS FOR GRADUATION

The Iredell-Statesville School System requires 28 units of credit for graduation (or 4 units less than the total number of courses available to take in four years). Graduation requirements are based on the year the student entered the ninth grade. All students are encouraged to pursue the College/University Prep or the College Tech Prep course of study.

Iredell-Statesville Schools high school graduation requirements are:

- 4 units of English
- 3 units of Mathematics (Algebra I is required)
- 3 units of Science:
 - Biology
 - A Physical Science
 - An Earth/Environmental Science
- 3 units of Social Studies:
 - Economic, Legal and Political Systems (ELPS) or Civics and Economics*
 - United States History
 - A World Studies**
- 1 unit of Physical Education/Health
- Career & Technical or Fine Arts Credits:
 - Career Course of Study - Four Career & Technical credits, or four JROTC, or art, or drama, or band, or chorus credits, including a second level (advanced) course
 - College Tech Prep Course of Study - Four Career & Technical credits, including a second level (advanced) course
 - College/University Prep Course of Study - One unit Career & Technical or fine arts
- Additional elective courses of the student's choice to complete graduation requirements
- Score Level 3 or better on 8th grade End-of-Grade Test or pass the North Carolina Competency Test
- Passing score on the North Carolina Computer Competency Test
- 9th grade students scoring less than Level 3 on the 8th grade End-of-Grade Test must register for Curriculum Assistance or another remediation course.

* Effective with the 9th graders of 2004-2005, Civics and Economics replaces the ELPS requirement.

* Effective with the 9th graders of 2003-2004, World History must be taken to meet the World Studies requirement.

NC COURSE OF STUDY GRADUATION REQUIREMENTS*

Content Area	CAREER Course of Study Requirements	COLLEGE TECH PREP Course of Study Requirements	COLLEGE /UNIVERSITY PREP Course of Study (UNC 4-Yr College) Requirements	OCCUPATIONAL*** Course of Study Requirements
English	4 Credits I, II, III, IV	4 Credits I, II, III, IV	4 Credits I, II, III, IV	4 Credits Occupational English, I, II, III, IV
Mathematics	3 Credits Including Algebra I	3 Credits** Algebra I, Geometry, Algebra II, OR Algebra I, Technical Math I & II, OR Integrated Mathematics I, II, & III	4 Credits (4th credit effective for first time 9th graders in 2002-2003) Algebra I, Geometry, Algebra II, and higher level math course with Algebra II as prerequisite OR Integrated Mathematics I,II,III, and a credit beyond Integrated Math III.	3 Credits Occupational mathematics I,II,III
Science	3 Credits A physical science course Biology Earth/Environmental Science	3 Credits A physical science course Biology Earth/Environmental Science	3 Credits A physical Science course Biology Earth/Environmental Science	2 Credits Life Skills Science I, II
Social Studies	3 Credits Govt./Econ. (ELPS), US History A world studies*****	3 Credits Govt./Econ. (ELPS), US History A world studies*****	3 Credits Govt./Econ. (ELPS),US History, a world studies***** (UNC admission policy requires 2 courses to meet minimum admission requirements–US History and an elective)	2 Credits Social Studies I (Government/US History), Social Studies II (Self-Advocacy/Problem Solving)
Second Language	Not Required	Not Required**	2 Credits in the same language	Not Required
Computer Skills	A specific course is not required but students must demonstrate proficiency through state testing.	A specific course is not required but students must demonstrate proficiency through state testing.	A specific course is not required but students must demonstrate proficiency through state testing.	Computer proficiency as specified in IEP
Health & Physical Education	1 Credit Health/Phys. Ed.	1 Credit Health/Phys. Ed.	1 Credit Health/Phys. Ed.	1 Credit Health/Phys. Ed.
Career/Technical	4 Units of Credit Select courses appropriate for career pathway to include a second level (advanced) course OR	4 Units of Credits Select courses appropriate for career pathway to include a second level (advanced) course	Not Required (However, the Iredell-Statesville Schools require one Career-Technical credit or one Fine Arts credit)	4 Credits Career/Technical Education electives
JROTC	4 Credits in JROTC; OR			
Arts Ed. (Band, 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 and/or requirement by local decision (for students not taking an arts education pathway)	Recommended at least one credit in an arts discipline and/or requirement by local decision	Recommended at least one credit in an arts discipline and/or requirement by local decision	Recommended at least one credit in an arts discipline and/or requirement by local decision
Electives or other requirements	2 Elective Credits and other credits designated by the LEA	2 Elective Credits and other credits designated by the LEA	3 Elective Credits and other credits designated by the LEA	Occupational Preparation: 6 Credits: Occupational Preparation I, II, III, IV***** Elective credits/Completion of IEP objectives/Career Portfolio-required

**NORTH CAROLINA UNIVERSITY SYSTEM
MINIMUM REQUIREMENTS
(COLLEGE/UNIVERSITY PREP)**

- 4 units of English (honors level preferred)
- 3 units of Mathematics (Algebra I, Algebra II, and Geometry)
 - ♦1 unit of Advanced Math in the 12th grade is recommended for all students
 - ♦4 units of math beginning with freshmen 2002-2003; the fourth course has Algebra II as ♦prerequisite
- 2 units of Social Studies (U.S. History, and an elective)
- 3 units of Science (Biology, A Physical Science, and at least one advanced laboratory science)
- 2 units of same second language are recommended. Beginning with the freshman class of 2000-2001, two credits in the same second language will be required.

IRDELL-STATESVILLE SCHOOLS GRADING SCALE

93 – 100	A
85 – 92	B
77 – 84	C
70 – 76	D
0 – 69	F - Failure

WEIGHTED GRADING SYSTEM

In order to initiate the development of a consistent and comprehensive transcript for the Iredell-Statesville high schools, the input of data must be consistent and explicit. Grades will be submitted each grading period on the traditional grading scale.

A numerical average will be used to determine the following:

- Academic Recognition Awards
- President’s Award for Educational Excellence
- North Carolina Academic Scholars

A weighted average will be used to determine the following:

- Class Rank
- Honor Speakers
- Honor Graduates
- Junior Marshals

The grading scale is as follows:

96 – 100% = 4.00	91% = 3.38	86% = 2.75	81% = 2.13	76% = 1.50
95% = 3.88	90% = 3.25	85% = 2.63	80% = 2.00	75% = 1.38
94% = 3.75	89% = 3.13	84% = 2.50	79% = 1.88	74% = 1.25
93% = 3.63	88% = 3.00	83% = 2.38	78% = 1.75	73% = 1.13
92% = 3.50	87% = 2.88	82% = 2.25	77% = 1.63	70 – 72% = 1.00
				<69% = 0.00

The weighted calculations are based on 1) academic course level; 2) grading scales; and 3) the weighting of course grades. One (1) quality point or weight is added to passing grades earned in Advanced/Honor courses and two (2) quality points are added to passing grades earned in Advanced Placement (AP) courses.

The following courses have a weighted value of one (1) quality point:

- Honors English
- Honors Geometry
- Honors Algebra II
- Pre-Calculus
- Honors Physical Science
- Adv. Environmental Science
- Adv. Calculus
- Adv. Biology
- Adv. Physics
- Discrete Mathematics
- Honors Biology
- French III, IV, V
- Spanish III, IV, V
- German III, IV, V
- Latin III, IV, V
 - Adv. English
- Adv. World History
- Adv. Chemistry
 - Adv. U.S. History
- Adv. U.S. Government and

Politics

The following courses have a weighted value of two (2) points:

- AP English
- AP Calculus
- AP Biology
- AP Chemistry
- AP U.S. History
- AP World History
- AP French
- AP Physics
- AP Environmental Science
- AP U.S. Government and Politics

NOTE: *End-of-Grade* and *End-of-Course* will be referred to as **EOG** and **EOC** in the remainder of the Curriculum Guide.

DRIVER EDUCATION

Driver education is not taught during the school day. It is taught in scheduled classes after the regular school day and during the summer months. Any rising freshman may register at the announced time at their individual school. Students having questions should contact the driver education teacher. Only students enrolled in school are eligible to take driver education.

NORTH CAROLINA SCHOLARS PROGRAM

Students who complete the State Board of Education requirements for a well-balanced, challenging high school program will be named “North Carolina Scholars.” North Carolina Scholars receive special recognition at the end of the senior year and at graduation. They also receive an appropriate seal of recognition to be affixed to the diploma.

NORTH CAROLINA ACADEMIC SCHOLARS PROGRAM

Students who entered the ninth grade for the first time in or before 2002-2003 must:

- begin planning for the program before entering grade 9 to ensure they obtain the most flexibility in their courses;
- complete all requirements of this North Carolina Academic Scholars Program; and
- have an overall four-year grade average of B or its equivalent as determined by the local board of education.

The following designated number of credits per subject area listed below must be taken in grades 9-12:

- | | |
|----|--|
| 4 | English I, II, III, IV |
| 3 | Mathematics (Algebra I, Geometry, Algebra II or one unit of advanced mathematics for which Algebra II is a prerequisite) |
| 3 | Science (Biology, Chemistry, Physics or one other advanced science in lieu of Physics) |
| 3 | Social Studies (Government/Economics, U.S. History, and one world studies course) |
| 2 | Foreign Languages (two levels of the same language) |
| 1 | Health/Physical Education |
| 2 | Additional units selected from among English, Mathematics, Science, Social Studies or Foreign Language courses. |
| 4 | Electives |
| 22 | Note: Adopted by the State Board of Education on March 8, 1990. The above is the single plan applicable to graduates with the class of 1994. |

Students who entered the ninth grade for the first time in or after 2003-2004 must:

- begin planning for the program before entering grade 9 to ensure they obtain the most flexibility in their courses;
- complete all the requirements of this North Carolina Academic Scholars Program;
- have an overall four-year unweighted grade point average of 3.5;
- have no individual grade lower than a C during the four high school years; and
- complete all requirements for a North Carolina high school diploma.

The following designated number of credits per subject area listed below must be taken in grades 9-12:

- | | |
|----|---|
| 4 | English Language Arts I, II, III, IV |
| 4 | Mathematics (Algebra I, Algebra II, Geometry, and a higher level math course with Algebra II as a prerequisite OR Integrated Mathematics I, II, III, and a higher level mathematics course with Integrated Mathematics III as prerequisite) |
| 3 | Science (Physics or Chemistry course, Biology, and an Earth/Environmental Science course) |
| 3 | Social Studies (World History, Civics/Economics, and U.S. History) |
| 3 | Languages other than English, (three credits of the same language) |
| 1 | Healthful Living |
| 1 | Career and Technical Education |
| 1 | Arts Education (Dance, Music, Theatre Arts or Visual Arts) |
| 4 | Elective credits to include at least one second level or advanced course (Examples of electives include JROTC and other courses that are of interest to the student.) |
| 24 | Note: Adopted by the State Board of Education on June, 2002. The above is the single plan applicable to students who enter the ninth grade for the first time in or after 2003-2004. |

ENGLISH CURRICULUM

10211R English (Resource)

Grade Level: 9

Credit: 1

Course Description: This course challenges students to acquire, master, and use skills in studying, writing, grammar, vocabulary, and literature (terms, types, elements). Emphasis is placed on all communication skills. The **MINIMUM** requirements for 10211R English are as follows:

1. 6 major literary works
2. 10 compositions (paragraphs, essays, reports, letters, etc.)
3. 1 research project

The EOC Test is required and will count as 25% of the final grade.

10212A English (Academic)

Grade Level: 9

Credit: 1

Summer Reading Requirement (set by individual school guidelines)

Course Description: This course challenges students to acquire, master, and use skills in studying, writing, grammar, vocabulary, and literature (terms, types, elements). Emphasis is placed on all communication skills. Mastery of skills taught in 10212A English prepares students for college. The **MINIMUM** requirements for 10212A English are as follows:

1. 6 major literary works
2. 10 compositions (paragraphs, essays, reports, letters, etc.)
3. 1 research project

The EOC Test is required and will count as 25% of the final grade.

10215H English (Honors)

Grade Level: 9

Credit: 1 (1 Quality Point)

Summer Reading Requirement: Set by individual school guidelines

Course Description: This course introduces the higher-level thinking skills in the study of literature (types, elements, and terms), writing, grammar, and vocabulary. Students taking this course should have the English skills to meet a demanding course of study. Emphasis is placed on oral and written communication skills. The **MINIMUM** requirements for 10215H English are as follows:

1. 10 major literary works
2. 15 Compositions (essays, oral and written reports, letters, etc.)
3. Research project(s)

The EOC Test is required and will count as 25% of the final grade.

10061R Communication Curriculum Assistance

Grade Level: 9 (SHS, NI, WI)

Credit: 1

Prerequisite: Score less than a level 3 on 8th grade EOG Test

Course Description: This course is required for 9th grade students who have not scored Level 3 on the 8th grade Communication Skills section of the EOG Test. This course prepares students to pass the North Carolina Competency Test, which is a graduation requirement. It also prepares students for high school English courses.

10221R English (Resource)**Grade Level: 10****Credit: 1****Prerequisite: 10211R English**

Course Description: This course builds on skills mastered in 10211R English, especially as they apply to world literature and writing. Emphasis is placed on all communication skills. The **MINIMUM** requirements for 10221R English are as follows:

1. 6 major literary works
2. 10 compositions (essays, reports, letters, etc.)
3. 1 research project

10222A English (Academic)**Grade Level: 10****Credit: 1****Prerequisite: 10212A English or 10215H English****Summer Reading Requirement: Set by individual school guidelines**

Course Description: This course builds on skills mastered in 10212A English, especially as they apply to world literature and writing. Emphasis is placed on all communication skills. Mastery of skills taught in 10222A English will prepare students for college. The **MINIMUM** requirements for 10222A English are as follows:

1. 6 major literary works
2. 10 compositions (essays, reports, letters, etc.)
3. 1 research project

10225H English (Honors)**Grade Level: 10****Credit: (1 Quality Point)****Prerequisite: 10212A or 10215H English (10215H English preferred)****Summer Reading Requirement: Set by individual school guidelines**

Course Description: Students taking this course should have the English skills to meet a demanding course of study. 10225H English applies the higher-level thinking skills in reading, writing, speaking, and listening. Emphasis is placed on the study of world literature and on expository writing. The **MINIMUM** requirements for 10225H English are as follows:

1. 10 major literary works
2. 15 compositions (essays, reports, literary analyses, etc.)
3. Research project(s)

10231R English (Resource)**Grade Level: 11****Credit: 1****Prerequisite: 10221R English**

Course Description: This course builds on skills mastered in 10221R English, especially as they apply to American literature, writing, and research. Emphasis is placed on all communication skills. The **MINIMUM** requirements for 10231R English are as follows:

1. 6 major literary works
2. 10 compositions (essays, reports, letters, etc.)
3. 1 research paper

10232A English (Academic)

Grade Level: 11

Credit: 1

Prerequisite: 10222A or 10225H English

Summer Reading Requirement: Set by individual school guidelines

Course Description: This course builds on skills mastered in 10222A English, especially as they apply to American literature, writing, and research. Emphasis is placed on all communication skills. Mastery of skills taught in 10232A English will prepare students for college. The **MINIMUM** requirements for 10232A English are as follows:

1. 6 major literary works
2. 10 compositions (essays, reports, letters, etc.)
3. 1 research paper

10235H English (Honors)

Grade Level: 11

Credit: 1 (1 Quality Point)

Prerequisite: 10222A or 10225H English (10225H English preferred)

Summer Reading Requirement: Set by individual school guidelines

Course Description: Students taking this course should have the English skills to meet a demanding course of study. English 10235H applies the higher-level thinking skills in reading, writing, speaking, and listening. The **MINIMUM** requirements for 10235H English are as follows:

1. 10 major literary works
2. 15 compositions (essays, reports, literary, analyses, etc.)
3. 1 major literary analysis research paper

10235A Advanced English Language and Composition

Grade Level: 11

Credit: 1 (1 Quality Point)

Prerequisite: 10225H English and AP Language Summer Reading and Assignments

Recommended: A “B” or above in 10225H English

Course Description: This is the fall semester course taken before 10237A AP English Language and Composition

10237A AP English Language and Composition

Grade Level: 11

Credit: 1 (2 Quality Points)

Prerequisite: 10225H English and AP Language Summer Reading and Assignments

Recommended: A “B” or above in 10225H English

Course Description: In this course students will learn to use the characteristic modes of discourse (narration, description, cause and effect, definition, persuasion, etc.) and to recognize the assumptions underlying various rhetorical strategies. Through speaking, listening, reading, and critical analysis, but chiefly through the experience of their own writing, students will become more aware of the resources of language: connotation, metaphor, irony, syntax, diction, and tone. Writing assignments will focus on the critical analysis of literature and mastering styles of various discourses, particularly argumentation; the primary literary focus here is nonfiction, fiction, and drama. Students are required to take the AP exam at the end of the year.

10241R English (Resource)**Grade Level: 12****Credit: 1****Prerequisite: 10231R English**

Course Description: English 10241R requires students to extend the skills mastered in reading, writing, listening, and speaking and to apply them to a survey of British literature. The **MINIMUM** requirements for 10241R English are as follows:

1. 6 major literary works
2. 10 compositions (essays, reports, letters, etc.)
3. 1 research paper

10242A English (Academic)**Grade Level: 12****Credit: 1****Prerequisite: 10232A or 10235H English****Summer Reading Requirement: Set by individual school guidelines**

Course Description: English 10242A requires students to extend the skills mastered in reading, writing, listening, and speaking and to apply them to a survey of British literature. Mastery of skills taught in 10242A prepares students for college. The **MINIMUM** requirements for 10242A English are as follows:

1. 6 major literary works
2. 10 compositions (essays, reports, letters, etc.)
3. 1 research paper

10245H English (Honors)**Grade Level: 12****Credit: 1 (1 Quality Point)****Prerequisite: 10232A or 10235H English (10235H English preferred)****Summer Reading Requirement: Set by individual school guidelines**

Course Description: English 10245H requires students to demonstrate the ability to use analysis, synthesis, and evaluation in relation to a survey of British literature. Students taking this course should have the English skills to meet a demanding course of study. The **MINIMUM** requirements for 10245H English are as follows:

1. 10 major literary works
2. 15 compositions (essays, reports, literary analyses, etc.)
3. 1 major analytical literary research paper

10245A Advanced English Literature**Grade Level: 12****Credit: 1 (1 Quality Point)****Prerequisite: 1023H English and 3 books from AP summer reading list****Recommended: A "B" or above in 1023H English**

Course Description: This course is the fall semester course taken before 10247A AP English. Students enroll in this course the same year they enroll in 10247A AP English.

10247A AP English Literature**Grade Level: 12****Credit: 1 (2 Quality Points)****Prerequisite: 1023H English and 3 books from AP summer reading list****Recommended: A “B” or above in 1023H English**

Course Description: AP English engages students in the study and practice of writing and in an intense study of literary works. Weekly writing assignments focus on critical analysis of literature and include essays in exposition and argument. A minimum of one major analytical literary research paper is required. Through speaking, listening, and reading and through the experience of their own writing, students become more aware of the resources of language: connotation, metaphor, irony, syntax and tone. An AP course is challenging and stimulating and takes substantially more preparation than other high school courses. It also gives greater opportunity for individual progress and accomplishment and goes into great depth. Students are required to take the AP exam at the end of the year.

10182A Speech/Communications/Debate**Grade Level: 9-12****Credit: 1**

Course Description: This course includes studies in verbal and non-verbal communications, listening and evaluation skills, as well as vocal and delivery techniques. Instruction involves research and outlining skills followed by speech writing and class presentations on extemporaneous, informative, persuasive, inspirational, and entertaining speeches. Debating skill is a major element of the class with students participating in several facets of debate. Media production and related skills are covered as an aspect of the course.

10182B Advanced Speech/Communications/Debate**Grade Level: 10-12****Credit: 1****Prerequisite: Successful completion of 10182A**

Course Description: This course is a follow-up to Speech and Debate and continues the study of communication skills, evaluation skills, and further development of vocal and delivery techniques. The course will focus on styles of presentation in public speaking through analysis of historic speakers, telecasts, and in-depth speeches given in class. More time will be devoted to debate in this course with a concentration on debate technique and various types of debate (standard, cross-examination, and Lincoln Douglas debate). Other aspects of the course will be determined by student needs and interests.

95152L Library Assistant**Grade Level: 10 – 12****Credit: 1**

Course Description: It is the intent of this course to improve the student’s knowledge of the media center with emphasis given to acquiring skills that will help the student use the library effectively. Skills in locating, investigating, reporting, appreciating literature, and reading are covered.

10312A Journalism I**Grade Level: 9 – 11****Credit: 1**

Course Description: Students who wish to work on the school publications should sign up for this course. It emphasizes the fundamentals of both yearbook and newspaper journalism.

10322N Journalism II Newspaper

Grade Level: 10 –12

Credit: 1

Prerequisite: Journalism I

Course Description: This class produces the school newspaper. Students are assigned jobs as follows: editors, reporters, artists, photographers, and business.

10322Y Journalism II Yearbook

Grade Level: 10–12

Credit: 1

Prerequisite: Journalism I

Course Description: This class is responsible for the production of the school yearbook. Students are assigned jobs in the editorial, layout, copy, pictures, and business staffs.

10252A Creative Writing I

Grade Level: 10-12

Credit: 1

Course Description: This course is designed to give students who have a special interest in writing opportunity to explore and to experiment with various forms of writing. The course curriculum will advance from exercises designed to expand creativity to the writing of short stories, poetry, and plays. Each student is evaluated individually on the merit of work, progress, and participation in activities.

10252B Creative Writing II

Grade Level: 10-12 (SHS)

Credit: 1

Course Description: This class produces the school literary magazine. Students are assigned jobs as follows: senior and junior prose editors, poetry editors, and art and photography editors, and layout production staff.

10252G Grammar and Composition

Grade Level: 9-10 (NI, WI)

Credit: 1

Course Description: This course is designed specifically to build on writing skills. It includes instruction involving all communication skills.

10272F Film as Literature

Grade Level: 10 - 12 (NI)

Credit: 1

Prerequisite: Successful completion of English II

Course Description: This course is designed to give students having a special interest in film an opportunity to think more intelligently about media and literature. Students will explore the film industry in the United States and abroad, film production, and movie criticism. This will be an intense course with emphasis on writing, thinking and reading/viewing. Students should expect the kinds of rigorous requirements typical of English classes. Film will be used as a vehicle for critical analysis and composition. Grades will be based upon effective participation in class discussions, tests, essays and research projects.

10272H Holocaust Literature**Grade Level: 11-12 (NI)****Credit: 1****Prerequisite: Successful completion of English II**

Course Description: This course will focus on the Holocaust starting with early anti-Semitism in Europe, as well as the state of Germany after World War I; however, the primary concentration will be on the years 1933-1945. Students will study autobiographical and historical accounts of the Holocaust, and they will take an in-depth look at the four main groups involved during this time in our world's history: the perpetrators, the victims, the rescuers, and the bystanders. This course involves outside reading and written response, and it is designed for those interested in learning more about the history of, and the people involved in, the Holocaust.

10272W Women in Literature**Credit: 1****Grade Level: 11-12 (NI)**

Course Description: This course will examine the roles of women in several literary genres, as well as women authors. Women as protagonists, antagonists, and minor characters will be analyzed for their social, moral, emotional, and literary value. Their stories in a "minor key" will be discussed in the areas of sisterhood, relationships, and voice. Emphasis will be on writing, researching, and analyzing texts.

54402A Broadcasting and Production**Grade Level: 10-12 (WI)****Credit: 1****Prerequisite: Audition**

Course Description: In this media-based course, students study the fundamentals of broadcasting. Areas of production include reporting, filming, editing, directing, script writing, speech, control room management and operation, and technical design. Class members work as a team to produce a regularly scheduled school-based newscast. Students must be able to accept the responsibilities of rehearsals, deadlines, and broadcast performance.

61582A Strategies For Success**Grade Level: 11 – 12 (NI)****Credit: 1**

Course Description: This course is designed to help students understand themselves and their world and be able to communicate information about it to others. The class focuses on the verbal skills of speaking and writing as well as problem solving and teamwork, all "strategies for success." A career interest component will be included in which students can tour local businesses, explore career choices, shadow successful people in the community, and invite guest speakers into the classroom.

10382A ESL English**Credit: 1****10382B ESL English****Credit: 1****10382C ESL English****Credit: 1****10382D ESL English****Credit: 1****Grade Level: 9-12**

Course Description: ESL English is a course designed for students who are new arrivals in the United States and for whom the English language has not developed to a predetermined point of proficiency. The level of proficiency is determined by teacher observation and the Idea Proficiency Test (IPT).

MATHEMATICS CURRICULUM

20061R Mathematics Curriculum Assistance

Grade Level: 9 (NI)

Credit: 1

Prerequisite: Score less than Level 3 on 8th grade EOG Test

Course Description: This course is required for 9th grade students who have not scored Level 3 or above on the 8th grade mathematics section of the EOG Test. This remediation course prepares students to pass the North Carolina Competency Test which is a graduation requirement. It also prepares students for high school mathematics courses.

20201A Algebra Connection

Grade Level: 9 (SHS)

Credit: 1

Course Description: This course is designed to introduce students to Algebra I concepts. Any student who does not make a proficient score on the eighth grade EOG test MUST take this course. Any student who feels insecure about Algebra I MAY take this course.

20101R General Math (Resource)

Grade Level: 9

Credit: 1

Course Description: This course is designed to meet the needs of students identified as exceptional children. Basic mathematics principles are taught through practical application.

20212A Algebra IA

Grade Level: 9-10 (LN, NI, SI, WI)

Credit: 1

Course Description: Algebra IA covers half of the North Carolina Standard Course of Study for Algebra I at half the pace. Topics covered include the study of integers, linear equations, inequalities, and polynomials. Students earn one math credit toward graduation but must take Algebra IB to complete the state requirement for Algebra I.

20232A Algebra IB**Grade Level: 9-12 (NI, WI)****Credit: 1****Prerequisite: Algebra IA**

Course Description: Algebra IB completes the North Carolina Standard Course of Study for Algebra I that students began in Algebra IA. Topics covered are nonlinear relations and functions, data exploration, systems of linear equations, and matrices. **The EOC Test is required and will count as 25% of the final grade.**

20232B Algebra I**Grade Level: 9-12****Credit: 1**

Course Description: Algebra I continues the study of algebraic concepts including operations with real numbers and polynomials, relations and functions, creation and application of linear functions and relations, and an introduction to nonlinear functions. The curriculum follows the North Carolina Standard Course of Study. **The EOC Test is required and will count as 25% of the final grade.**

20302A Geometry**Grade Level: 9-12****Credit: 1****Prerequisite: Algebra IB or Algebra I****Recommended: Proficiency on Algebra I EOC**

Course Description: Geometry continues students' study of geometric concepts building upon middle school topics. Students move from an inductive approach to a deductive method of proof in their study of geometric figures. Two and three-dimensional reasoning skills are emphasized, and students broaden their use of the coordinate plane to include transformations of geometric figures. **The EOC Test is required and will count as 25% of the final grade.**

20305H Geometry (Honors)**Grade Level: 9****Credit: 1 (1 Quality Point)****Prerequisite: Algebra IB or Algebra I****Recommended: A "B" or above in Algebra I**

Course Description: This course teaches the curriculum outlined in the description for 2030A Geometry emphasizing experimentation and discovery. This course includes a more in-depth study of the geometry topics covered in the standard course of study and incorporates additional topics such as logic problems, tessellations, tangrams, and trigonometry. **The EOC Test is required and will count as 25% of the final grade.**

20081R Consumer Math I (Resource)**Grade Level: 10-12****Credit: 1****Prerequisite: 20101R General Math**

Course Description: This course is designed to help exceptional students become more intelligent consumers. Topics will be designed to meet the needs of students.

20091R Consumer Math II (Resource)**Grade Level:** 11-12**Credit:** 1**Prerequisite:** 20081R Consumer Math I

Course Description: This course is a continuation of Consumer Math I. It is designed to help exceptional students become more intelligent consumers. Topics will be designed to meet the needs of students.

20152A Technical Math I**Grade Level:** 10-12**Credit:** 1**Prerequisite:** Algebra I or Algebra IA/IB

Course Description: This course is a problem solving, hands-on, activity centered mathematics course. It is an extension of Algebra I designed for students who want to pursue the College Tech Prep curriculum. Algebra, Geometry, Probability and Statistics are used in problem solving techniques. Topics include: calculator proficiency, properties and relationships in geometric figures, estimation and measurement, special relationships in right triangles, linear and quadratic functions, interpreting data, probability and statistics.

20172A Technical Math II**Grade Level:** 10-12**Credit:** 1**Prerequisite:** Technical Math I

Course Description: This course is a continuation of Technical Math I. It extends students' study of advanced algebraic concepts. Additional topics include: linear, quadratic and exponential functions and matrices, use of inductive and deductive reasoning to solve problems, logarithms, coordinate geometry, properties of polygons and circles, and use of equations for predictions.

20242A Algebra II**Grade Level:** 10-12**Credit:** 1**Prerequisite:** Algebra I and Geometry

Course Description: Algebra II continues students' study of advanced algebraic concepts including functions, polynomials, rational expressions, complex numbers, systems of equations and inequalities, and matrices. **The EOC Test is required and will count as 25% of the final grade.**

20245H Algebra II (Honors)**Grade Level:** 9-12**Credit:** 1 (1 Quality Point)**Prerequisite:** Algebra I and Geometry

Course Description: This course teaches the curriculum outlined in the description of 2024A Algebra II emphasizing extensive problem solving, investigation, and discovery. Students planning to take Pre-Calculus and AP Calculus need to enroll in Honors Algebra II. **The EOC Test is required and will count as 25% of the final grade.**

20252A Advanced Functions and Modeling**Grade Level: 10-12****Credit: 1****Prerequisite: Algebra II**

Course Description: This course 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.

20705A Pre-Calculus**Grade Level: 11-12****Credit: 1 (1 Quality****Point)****Prerequisite: Algebra II Honors or Algebra III**

Course Description: This course is designed for those students who are planning to continue their education beyond high school in a field of study where calculus is an entry level mathematics course. The course covers functions, graphing, trigonometry, sequences and series, and an introduction to calculus.

20502A Discrete Mathematics**Grade Level: 11-12****Credit: 1 (1 Quality****Point)****Prerequisite: Pre-Calculus**

Course Description: This course 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 regularly for instruction and assessment.

20765A Advanced Calculus**Grade Level: 12****Credit: 1 (1 Quality Point)****Prerequisite: Pre-Calculus****Recommended: A "B" or above in Pre-Calculus**

Course Description: This course is taken the fall semester before AP Calculus. Students enroll the same year they enroll in AP Calculus.

20767A AP Calculus**Grade Level: 12****Credit: 1 (2 Quality Points)****Prerequisite: Pre-Calculus****Recommended: A "B" or above in Pre-Calculus**

Course Description: This course is designed for those students who want an Advanced Placement course of study. This course is based on the guidelines of The College Board and the syllabus for Advanced Placement Calculus. **Students are required to take the AP Exam.**

20632S SAT/ACT & Problem Solving

Grade Level: 10-11

Credit: 1

Prerequisite: Geometry

Course Description: This course is designed to familiarize students with the SAT and improve their problem solving skills.

SCIENCE CURRICULUM

30101R Physical Science (Resource)

Grade Level: 9-12

Credit: 1

Course Description: This course is designed to meet the needs of students identified in the exceptional children's program. It addresses the basic principles of physical science (a physical science). **The EOC Test is required and will count as 25% of the final grade.**

30102A Physical Science (Academic)

Grade Level: 9-12

Credit: 1

Course Description: This course introduces the basic principles of physical science with an emphasis on chemistry and physics. **The EOC Test is required and will count as 25% of the final grade.**

30105H Physical Science (Honors)

Grade Level: 9-12

Credit: 1 (1 Quality Point)

Recommended: Algebra I

Course Description: This course is designed for the advanced student who has a persistent curiosity about science. Topics covered encompass the physical science curriculum but are presented in a more demanding manner. Emphasis is placed on special assignments and problem solving skills (a physical science). **The EOC Test is required and will count as 25% of the final grade.**

30201R Biology (Resource)

Grade Level: 10

Credit: 1

Course Description: This course is designed to offer the basic concepts of biology to the identified exceptional student. **The EOC Test is required and will count as 25% of the final grade.**

30202A Biology (Academic)

Grade Level: 10

Credit: 1

Course Description: This course is designed to prepare the student to live in our world of technology with an in-depth understanding of science concepts and specialized instruction. Special emphasis is given to lab work and projects, which promote creativity and the use of the scientific method. Topics include: life functions, classification, cell biology, plant and animal structure, reproduction and ecology. **The EOC Test is required and will count as 25% of the final grade.**

30205H Biology (Honors)

Grade Level: 9-10

Credit: 1 (1 Quality Point)

Course Description: This course is designed especially for the advanced science-oriented student. Topics include: life functions, classification, cell biology, plant and animal structure, reproduction and ecology. Emphasis is placed on lab work and research projects, which promote higher level thinking skills and creativity. Students planning a scientific course of study in college should enroll in this course. **The EOC Test is required and will count as 25% of the final grade.**

30215A Advanced Biology

Credit: 1 (1 Quality Point)

Grade Level: 11-12

Prerequisite: Biology & Chemistry or concurrent enrollment in Chemistry

Recommended: A “B” or above in 30205H Biology & Chemistry or concurrent Enrollment in Chemistry

Course Description: This course is the fall semester course taken before AP Biology. Students enroll the same year they enroll in AP Biology.

30217A AP Biology

Grade Level: 11-12

Credit: 1 (2 Quality Points)

Prerequisite: Biology & Chemistry

Course Description: This course is designed for those who want an Advanced Placement course of study in Biology. This course is based on the guidelines of The College Board and the syllabus for Advanced Placement Biology. The course is divided into three major areas of study: molecular and cell biology, principles of ecology, and evolution and behavior (an advanced laboratory science). **Students are required to take the AP Exam.**

30402A Earth/Environmental Science

Grade Level: 9-12

Credit: 1

Course Description: This course is designed for students interested in studying basic principles of Earth Science. Special areas of study include: meteorology, historical geology, plate tectonics, mineralogy, astronomy, oceanography, geology, and environmental issues.

30401R Earth/Environmental Science (Resource)**Grade Level: 9-12****Credit: 1**

Course Description: This course is designed for students who meet state guidelines for the Exceptional Children's Program. It addresses the basic principles of Earth Science.

30382A Earth/Environmental and Atmospheric Science**Grade Level: 9-12****Credit: 1**

Course Description: This course is an advanced lab science and is designed for the science-oriented student who desires to better understand the four branches of Earth Science (astronomy, meteorology, geology and oceanography) and their effects on human populations. Both hands-on and research topics allow students some experience with each branch. (an advanced laboratory science)

80112A Principles of Technology I**Grade Level: 10-12****Credit: 1**

Course Description: This course provides a hands-on approach to understanding principles and concepts of technology and associated mathematics. Emphasis is placed on understanding mechanical, electrical, fluid and thermal systems as they relate to work, force, rate, resistance, energy, and power. Activities are structured to integrate science, mathematics, and language arts. Work-based learning strategies appropriate for this course include job shadowing and field trips. This course and TSA technical and leadership activities enhance the skills of students interested in pursuing technical, engineering, or science related careers (a physical science).

80122A Principles of Technology II**Grade Level: 11-12****Credit: 1****Prerequisite: Principles of Technology I**

Course Description: This course is designed as a continuation of Principles of Technology I. Emphasis is placed on understanding mechanical, electrical, fluid, and thermal systems as they relate to force transformers, momentum, waves and vibrations, energy converters, transducers, radiation theory, optical systems, and time constants. Activities are structured to integrate science, mathematics, and language arts. Work-based learning strategies appropriate for this course include job shadowing, and field trips. This course and TSA activities further enhance the skills essential for success in technical, engineering, and science related fields (an advanced laboratory science).

30502A Chemistry**Grade Level: 10-12****Credit: 1****Prerequisite: Algebra II or concurrent enrollment in Algebra II****Recommended: Physical Science**

Course Description: This course of study includes: the study of matter, periodic properties of elements, measurements, stoichiometry, acids, bases, salts, and organic chemistry (a physical science or an advanced laboratory science). **The EOC Test is required and will count as 25% of the final grade.**

30515A Advanced Chemistry **Credit: 1 (1 Quality Point)**
Grade Level: 11-12
Prerequisite: Chemistry
Recommended: A “B” or above in 30502A Chemistry
Course Description: This course is the fall semester course taken before AP Chemistry. Students enroll in this course the same year they enroll in AP Chemistry.

30517A AP Chemistry **Credit: 1 (2 Quality Points)**
Grade Level: 11-12
Prerequisite: Chemistry
Recommended: 3051AD Advanced Chemistry
Course Description: This course is designed for those who want an Advanced Placement course of study in Chemistry. This course is based on the guidelines of The College Board and the syllabus for Advanced Placement Chemistry (an advanced laboratory science). **Students are required to take the AP Exam at the end of the year.**

30232A Anatomy and Physiology **Credit: 1**
Grade Level: 11-12
Prerequisite: Biology
Recommended: A “B” or above in 30205H Biology
Course Description: This course is an in-depth study of the structure and functions of the human body. All major body systems are studied with dissections, experiments, and microscope labs utilized to convey basic concepts (an advanced laboratory science).

30602A Physics **Credit: 1**
Grade Level: 11-12
Prerequisite: Algebra II
Course Description: This course deals with matter and energy. It can be divided into several main topic areas including motion and statics, heat and thermodynamics, light and optics, sound and wave phenomena, electricity and magnetism, and nuclear physics (a physical science or an advanced laboratory science). **The EOC Test is required and will count as 25% of the final grade.**

30615A Advanced Physics **Credit: 1 (1 Quality Point)**
Grade Level: 11-12
Prerequisite: Pre-Calculus or concurrent enrollment in Pre- Calculus
Recommended: Physics
Course Description: This course is the fall semester course taken before AP Physics. Students enroll the same year they enroll in AP Physics.

30617A AP Physics**Grade Level: 11-12****Credit: 1 (2 Quality****Points)****Prerequisite: 3061AD Advanced Physics**

Course Description: This course is designed for those who want an Advanced Placement course of study in Physics. This course is based on the guidelines of The College Board and the syllabus for AP Physics. The course covers Newtonian Mechanics, Heat, Kinetic Theory, Thermodynamics, Electricity, Magnetism, Waves, Optics, and Modern Physics (a physical science or an advanced laboratory science). **Students are required to take the AP Exam at the end of the year.**

30802B Biotechnology Science**Grade Level: 10-12 (NI, WI)****Credit: 1****Prerequisite: Biology****Recommended: Chemistry**

Course Description: This laboratory course focuses on an introduction to biotechnology with an emphasis on recombinant DNA technology. Students participate in state of the art technology utilized in research laboratories including gene splicing, PCR, and DNA fingerprinting. Student research opportunities are provided. This course provides an excellent background for students preparing for further studies in both college and technical fields in the biological sciences (an advanced laboratory science).

30425A Advanced Environmental Science**Credit: 1 (1 Quality****Point)****Grade Level: 11-12****Prerequisites: Biology and Chemistry**

Course Description: This course is the fall semester course taken before AP Environmental Science. Students enroll in this course the same year they enroll in 30427A AP Environmental Science.

30427A AP Environmental Science**Level: 11-12****Credit: 1 (2 Quality****Points) Prerequisites: Advanced Environmental Science****Recommended: Earth/Environmental and Atmospheric Science**

Course Description: The AP Environmental Science course is designed to help students comprehend the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Laboratory activities originate from the fields of biology, ecology, physics and earth science (an advanced laboratory science). **Students are required to take the AP exam at the end of the year.**

90152S Sports Medicine Training I

Grade Level: 10-11 (WI)

Credit: 1

Prerequisite: Physical Science and PE/Health

Course Description: This course is an intensive course for those who have an interest in human anatomy and physiology, biology, and medicine. Course emphasis will be on the role of an athletic trainer, the legal aspects of sports medicine, basic taping, and bandaging, first aid and CPR, anatomy and physiology, EMT skills, sports equipment, and emergence procedures. Students will be encouraged to work with athletic teams to gain experience and to utilize skills learned in class.

SOCIAL STUDIES

40051R Economic, Legal and Political Systems—ELPS (Resource)

Grade Level: 9-12

Credit: 1

Course Description: This course presents the basic elements of the Standard Course of Study for Economic, Legal and Political Systems for students identified in the exceptional children's program. **The EOC Test is required and will count as 25% of the final grade.**

40052A Economic, Legal and Political Systems—ELPS

Grade Level: 9-12

Credit: 1

Course Description: This course introduces the operations of the nation's economic, legal and political systems. Special emphasis is placed on the functions and goals of the three systems so that students can understand the decision-making process as it relates to life in a democratic society. **The EOC Test is required and will count as 25% of the final grade.**

40242R World History (Resource)

Grade Level: 9-12

Credit: 1

Course Description: This course presents the basic elements of the Standard Course of Study for World History for those students identified as students in the exceptional program.

40242A World History

Grade Level: 9-12

Credit: 1

Course Description: This course includes a broad survey of world civilizations and the impact their cultures have had on society. Similarities and differences among cultural patterns are studied in the economic, social, and political areas. This course fulfills the state requirement of one unit of World Studies.

40245A Advanced World History**Grade Level: 10-12****Credit: 1**

Course Description: This course is the fall semester course taken before 40247AP A World History. Students enroll in this course the same year they enroll in 40247A AP World History.

40247A AP World History**Grade Level: 10-12****Credit: 1**

Course Description: This course is designed for those who want an Advanced Placement course of study in World History. This course is based on the guidelines of The College Board and the syllabus for Advanced Placement World History. **Students are required to take the AP Exam at the end of the year.**

40521R Civics and Economics (Resource)**Grade Level: 10-12****Credit: 1****Prerequisite: World History**

Course Description: This course presents the basic elements of the Standard Course of Study for Civics and Economics for those students identified as students in the exceptional program.

40522A Civics and Economics**Grade Level: 10-12****Credit: 1****Prerequisite: World History**

Course Description: In this course, students will acquire the skills and knowledge necessary to become responsible and effective citizens in an interdependent world. Students will need a practical understanding of these systems of civics and economics that affect their lives as consumers and citizens. Furthermore, this course serves as a foundation for United States History.

40211R United States History (Resource)**Grade Level: 11-12****Credit: 1****Prerequisite: ELPS (or Civics and Economics and World History)**

Course Description: This course presents the basic elements of the Standard Course of Study for United States History.

40212A United States History**Grade Level: 11-12****Credit: 1****Prerequisite: ELPS (or Civics and Economics and World History)**

Course Description: This course is a comprehensive survey of the historical development of the United States from the beginning to the present. The main purpose is for students to identify concepts and ideas on which our country was founded and to evaluate our present system in view of those past events. Emphasis is on the social, political, and economic forces that have shaped our nation.

40205A Advanced United States History

Grade Level: 11-12

Credit: 1 (1 Quality Point)

Recommended: ELPS and World History (or Civics and Economics and World History), and a “B” or above in 10225H English

Course Description: This course is the fall semester course taken before 40217A AP United States History. Students enroll in this course the same year they enroll in 40217A AP United States History.

40217A AP United States History

Grade Level: 11-12

Credit: 1 (2 Quality Points)

Prerequisite: Advanced United States History

Course Description: This course is designed for those who want an Advanced Placement course of study in United States History. This course is based on the guidelines of The College Board and the syllabus for Advanced Placement United States History. **Students are required to take the AP Exam at the end of the year.**

40412A Crime & Justice/Current Events

Grade Level: 10 -12

Credit: 1

Prerequisite: ELPS

Course Description: This course explores the criminal justice system of our country. Besides comparing the United States’ system to that of other countries, students study the successes and failures of the system. There is also a study of various types of crime and punishments. Finally, students explore realistic ways to help reduce crime. Part II studies how the media reports the events of the world from the local, state, national and global perspective. Emphasis is placed on how to interpret media presentations through inferences and conclusions. Students are encouraged to draw contrasting studies of information and form their own conclusions.

40425A Advanced U.S. Government and Politics

Grade Level: 12 (LN, SHS)

Credit: 1 (1 Quality Point)

Recommended: ELPS (or Civics and Economics), World History, United States History, and a “B” or above in 10235H English (Honors

Course Description: This course is taken in the fall semester before AP U.S. Government and Politics. Students enroll in this course the same year they enroll in AP U.S. Government and Politics.

40427A AP U.S. Government and Politics

Grade Level: 12 (LN, SHS)

Credit: 1 (2 Quality Points)

Prerequisite: Advanced U.S. Government and Politics

Course Description: This course is designed for those who want an Advanced Placement course of study in U.S. Government and Politics. This course is based on the guidelines of The College Board and the syllabus for AP Government and Politics. **Students are required to take the AP Exam at the end of the year.**

40802A Psychology/Sociology**Grade Level: 12****Credit: 1**

Course Description: This course focuses on the study of leading psychologists and their theories and on how psychological theories relate to contemporary life. It includes a basic survey of social and human relations. The formation of human personality is analyzed and examined with regard to the role of the individual in human society.

40252A Bible History I**Grade Level: 9-12****Credit: 1**

Course Description: This course is a survey of the Old Testament with emphasis on the Pentateuch and the early history of Israel covering Genesis through Ruth and Job.

40252B Bible History II**Grade Level: 9-12****Credit: 1**

Course Description: This course is a general historical overview of the New Testament with emphasis on Matthew, Mark, Luke, John and Acts. Bible I is not a prerequisite for Bible II.

40252C Bible History III/Old Testament**Grade Level: 10-12****Prerequisite: Bible I or II****Credit: 1**

Course Description: At North, South and Statesville this course is a historical overview of the Old Testament. This includes a detailed study of the United and Divided Kingdom periods and a study of the prophetic books. This course covers I Samuel – Malachi. At West, Bible III is a topical study of current issues as they relate to a Biblical framework. Emphasis is placed upon an in-depth study of the geography of the Middle East.

40252D Bible History IV**Grade Level: 10-12****Credit: 1****Prerequisite: Bible I or II**

Course Description: This course focuses upon the role and writings of the Epistles. This course covers Romans – Revelation.

95122A Teacher Cadet**Grade Level: 12****Credit: 1**

Course Description: This course is a pre-training program for students interested in a teaching career or interested in working with children. The course of study provides a challenging curriculum introducing topics relevant to education. Students are required to complete a field study at a local elementary, middle or high school. Application and references are required. Selection will be based on the quality of these requirements and class availability.

FINE ARTS CURRICULUM

52302A Choral Arts I

Grade Level: 9-12

Credit: 1

Course Description: This course is designed to introduce three and four part singing (SAB/SATB) as well as beginning vocal technique and score reading.

52312A Choral Arts II

Grade Level: 9-12

Credit: 1

Prerequisite: Audition

Course Description: This course is designed for the more mature voice and well-developed vocal technique and tone quality. It includes four part singing (SATB) and introductions to sight singing. Music ranges from “pop” to classical and from Renaissance to contemporary. Performances in the Fall and Spring Choral Concerts offer an opportunity to gain experience in public performances.

52322A Choral Performance Ensemble

Grade Level: 9-12

Credit: 1

Prerequisite: Audition

Course Description: This limited group is required to have advanced choral/vocal techniques and sightsinging abilities. These students represent the school in small ensemble competitions, community and school events, individual competitions, All-State Chorus, Mars Hill Choral Clinic, Honors Chorus, etc. This group performs publicly on a frequent basis. Auditions include a solo of the student’s choice, rhythm and pitch recall (the student sings back what he/she has heard played on the piano), and display of vocal range.

52552A Band I

Grade Level: 9-12

Credit: 1

Prerequisite: Middle School Band

Course Description: This course concentrates on previous music experiences and is designed to develop the skills of performance to the highest possible level. The content of the course covers the literature of various style periods and instrumental form, development of a concept of interpretation, music reading, basic music theory, interpretative marking, and nomenclature found in band literature. Attendance at out-of-class rehearsals and performances, marching or concert, is viewed as the extension of the classroom and is required. Students registering for Band I must also register for 5013 Marching Band.

52562A Band II**Grade Level: 10-12****Credit: 1****Prerequisite: Band I**

Course Description: This course is designed for those students who have attained performance skills. The primary goal of this course is to develop a greater degree of music responsiveness through rehearsals and performances. Special emphasis is placed on continued development of performance skills, sight reading ability, and interpretive skills. Attendance at out-of-class rehearsals and performances, marching or concerts is viewed as an extension of the classroom and is required.

52552M Marching Band (*Fall Only*)**Grade Level: 9-12****Credit: .5-Pass/Fail-Not
included in GPA**

Prerequisite: All students registered for Band I, Band II or Small Ensemble are **REQUIRED** to register for Marching Band.

Course Description: This course is designed for those schools that have after school marching rehearsals. Attendance at marching rehearsals, football games, parades, or marching contests is the main requirement for this course. (Exceptions are varsity football players and varsity cheerleaders.) Marching rehearsals begin before the opening of school (1 or 2 weeks to be determined by the band director of each individual school). Those students chosen for flag squad or majorette are required to register for this course also. Class meetings for this course are after school rehearsals, football games, parades, or any other performance required by the band director. Contact hours for this semester course are the same as a regular class period.

52652A Jazz Band**Grade Level: 9-12****Credit: 1****Prerequisite: Audition**

Course Description: This course is designed to acquaint the student with the style and structure of jazz music through performances. Rehearsals emphasize the development of such skills as note reading, chord reading, and improvisation. Students are expected to develop a working knowledge of jazz artists and ensembles and to become acquainted with the development of jazz music. Students are required to attend out-of-school rehearsals and performances.

52582A Small Ensemble**Grade Level: 9-12****Credit: 1****Prerequisite: Audition**

Course Description: This course is designed for band students interested in expanding their knowledge of music for specific instruments. These ensembles may include woodwind/brass trios, quartets, quintets, etc. Music ranging from classical to modern is performed. Performance for ensemble competitions and concerts is expected.

54152A Art I**Grade Level: 9-12****Credit: 1**

Course Description: This course introduces the beginning art student to the basic materials and techniques in the area of drawing, painting, graphics, and sculpture. Students will study Elements of Art and the Principles of Design. The major objectives are to develop basic skills in these areas, to emphasize creative ideas on paper, and to encourage appreciation of the visual arts. Art appreciation is fostered through class discussion and oral critiques. Media students may work with include: graphite pencil, conte, ink, charcoal, pastels, collage, cut paper design, water colors, acrylic, tempera, and color pencils.

54162A Art II**Grade Level: 9-12****Credit: 1****Prerequisite: Art I**

Course Description: This course stresses the areas of drawing, painting, graphics, and sculpture along with introduction of commercial arts. The major objectives of the course are to more fully develop the basic skills mastered in Art I and to motivate the student with opportunities to explore and concentrate on the areas of art in which the student is most interested. Art appreciation is fostered through class discussion and oral critiques. Media students may work with include: graphite pencil, conte, ink, charcoal, pastels, collage, cut paper design, water color, acrylic, tempera, and color pencils.

54172A Art III**Grade Level: 10-12****Credit: 1****Prerequisite: Art II**

Course Description: This course places emphasis on artistic experience, art history, and development. Students study drawing, painting, sculpture, acrylics, and printmaking. Students interested in an art career should talk with their counselor about this course. Assignments and teacher expectations are designed to be much more challenging than Art I and Art II. This course requires work outside the classroom and is designed for the serious art student.

54182A Art IV**Grade Level: 10-12****Credit: 1****Prerequisite: Art III**

Course Description: This course places emphasis on artistic experience, art history, and development. Art IV offers a more in-depth study of techniques in Art I, II, and III. This course is designed as an extension of Art III. Assignments and teacher expectations are designed to be much more challenging than Art I, Art II, and Art III. This course requires work outside the classroom and is designed for the serious art student.

54602A Art V/Portfolio**Grade Level:** 11-12**Credit:** 1**Prerequisite:** Art IV and review of work

Course Description: This course is an advanced art class for serious art students. Students interested in continuing their art education at the college level should consider taking this course. It is designed as an in-depth study of techniques and media. Students are expected to create a body of work (portfolio). Students are expected to be responsible and must be able to work independently. Teachers will be available to help student obtain information about colleges and special programs.

54292A Clay/Ceramics I**Grade Level:** 10-12 (LN, SI, SHS, WI)**Credit:** 1**Prerequisite:** Art I

Course Description: This course emphasizes the expressive content and communication qualities of the clay body. Students gain the knowledge and ability to hand build and wheel throw the clay body. Students will also acquire the skills necessary for firing, glazing, scoring, and displaying of clay sculpture.

54292B Clay/Ceramics II**Grade Level:** 11-12 (LN, SI, SHS, WI)**Credit:** 1**Prerequisite:** Clay/Ceramics I

Course Description: This course is designed for those students who have attained skills working with clay. It is an advanced course to follow Clay/Ceramics I.

54372A Photographic Design I**Grade Level:** 11-12 (NI)**Credit:** 1**Prerequisite:** Art I and II

Course Description: This course is designed for the serious art student. It places emphasis on the expressive content and communicative qualities of the photographic image. The student gains knowledge and ability to photograph works of art, to understand the historical development of the camera obscura, and the chemistry of photography. The student acquires the skills necessary for exposing, developing, contact printing, and displaying of black/white photographic images. Students interested in an art career should talk with their counselor about this course.

54332A Graphic Arts/Computer Design**Grade Level:** 10-12 (NI, SHS)**Credit:** 1**Prerequisite:** Keyboarding and Art I

Course Description: This course emphasizes computer design skills focusing on visual arts-graphics, desktop publishing, web pages, digital imaging (scanners, and digital cameras), and animation.

53152A Theatre Arts I**Grade Level: 9-12****Credit: 1**

Course Description: This course introduces students to the fundamentals of theatre production. Areas of study include introduction to theatre history, different types of plays, basic play production, pantomime and body language, voice and diction, stage makeup, beginning acting, basic directing, and script writing. Students in this class have the opportunity to participate in class productions and to work on major productions throughout the year. It is recommended that students taking this course be able to accept the responsibility of rehearsals and public performances.

53162A Theatre Arts II**Grade Level: 10-12****Credit: 1****Prerequisite: Theatre Arts I**

Course Description: In this course students continue their study of how plays are produced through an examination of theatre history as it relates to play production, intermediate acting and stage movement, stage dialects, intermediate directing and script writing, critiquing of plays as literature and as theatrical performances. Other areas of study include costume design and construction, publicity and promotion of theatrical events, and box office management. Students have an opportunity to work on various productions throughout the school year. It is recommended that students taking this course be able to accept the responsibility of rehearsals and public performances. Students may take this course more than one time for credit.

53252A Technical Theatre**Grade Level: 10-12****Credit: 1****Prerequisite: Application**

Course Description: Students should be interested in the technical aspects of theatrical production instead of, or in addition to, acting. Areas of study include stage makeup, costume design and construction, theatre organization, management and operation, scenery design and set construction, theatrical lighting, and sound effects. Members of the class complete individual projects during the year and also are responsible for backstage work on all drama productions. Students must be able to accept the responsibility of rehearsals and public performances. Students may take this course more than one time for credit.

53342A Advanced Acting**Grade Level: 10-12****Credit: 1****Prerequisite: Audition**

Course Description: This course is for the student who wishes to pursue an advanced study of acting, directing and production techniques. Work focuses on major productions, and an emphasis is placed on widely varied styles of productions. Class members may work on preparation of material for competition in the North Carolina Theatre Conference Drama Festival. Students taking this course must be able to accept the responsibility of rehearsals and public performances. Students may take this course more than one time for credit.

53342M Musical Theatre**Grade Level: 10-12 (SHS)****Credit: 1****Prerequisite: Audition**

Course Description: This class is for any student who has a serious interest in musical theatre. Major areas of study include history of musical theatre, movement and choreography, vocal training at various levels, advanced acting techniques, technical studies, and production styles. Students may take this course more than one time for a unit of credit.

FOREIGN LANGUAGE

Note: It is recommended that first and second level foreign language courses be taken during consecutive years.

10412A French I**Credit: 1**

Course Description: This course is an introduction to the study of the French language and its culture. It allows students to perform the most basic functions of the language and to become familiar with some elements of its culture. The emphasis is placed on the development of the four skills of listening, speaking, reading, and writing within a given context extending outside of the classroom setting when possible. Grammar is integrated throughout the course and is selected according to the language needs (functions). A general introduction to the culture, its products (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 on-going throughout the course.

10422A French II**Credit: 1****Prerequisite: French I**

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

**10435A French III
Point)**

Credit: 1 (1 Quality

Prerequisite: French II

Course Description: This course provides students with additional opportunities to expand their listening, speaking, reading, and writing skills as they create with the language and as they access short literary texts, authentic materials, and media on generally familiar topics. Students satisfy limited communication and social interaction demands, they initiate and maintain face-to-face communication. They identify main idea(s) and significant details in discussions, presentations, and written texts within a cultural context, read and interpret authentic materials, narrate and describe in sentences, groups of related sentences, and short cohesive passages in present, past, and future time and compose messages, announcements, personal notes, and advertisements. They 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 on-going throughout the course.

**10445A French IV
Point)**

Credit: 1 (1 Quality

Prerequisite: French III

Course Description: A major focus of this course is to enable students to communicate in writing and in extended conversations on a variety of topics. Students begin to narrate, discuss, and support fairly complex ideas and concepts using concrete facts and topics in past, present and future time. They satisfy routine social demands and meet most social requirements. Culture and literature is also emphasized. Short stories, poetry, excerpts from various periods of literature, current events, and authentic materials are included. Emphasis is placed on independent reading. Finer points of grammar are studied to aid oral and written communication. There is more in depth study of the target culture(s) and their influence throughout the world. Students are able to connect the target language to other disciplines and compare it to their own. Finally, they are able to use the language inside and outside the classroom setting.

**10455A French V
Point)**

Credit: 1 (1 Quality

Prerequisite: French IV

Course Description: This course is designed for those students who want a course of study which concentrates on major literary works, including explanation of texts along with a detailed study of history and culture as they relate to the author's studies. Students are encouraged to work independently and to become well acquainted with the technology presently available for language study.

10512A Spanish I**Credit: 1**

Course Description: This course is an introduction to the study of the Spanish language and its culture. It allows students to perform the most basic functions of the language and to become familiar with some elements of its culture. The emphasis is placed on the development of the four skills of listening, speaking, reading, and writing within a given context extending outside of the classroom setting when possible. Grammar is integrated throughout the course and is selected according to the language needs (functions). A general introduction to the culture, its products (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 on-going throughout the course.

10522A Spanish II**Credit: 1****Prerequisite: Spanish I**

Course Description: This course provides students with opportunities to continue the development of their listening, speaking, reading, and writing skills. Students participate in simple 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 the 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. They 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 other disciplines is on-going throughout the course.

10535A Spanish III**Credit: 1 (1 Quality****Point)****Prerequisite: Spanish II**

Course Description: This course provides students with additional opportunities to expand their listening, speaking, reading, and writing skills as they create with the language and as they access short literary texts, authentic materials, and media on generally familiar topics. Students satisfy limited communication and social interaction demands, they initiate and maintain face-to-face communication. They identify main idea(s) and significant details in discussions, presentations, and written texts within a cultural context, read and interpret authentic materials, narrate and describe in sentences, groups of related sentences, and short cohesive passages in present, past, and future time and compose messages, announcements, personal notes, and advertisements. They 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 on-going throughout the course.

**10545A Spanish IV
Point)**

Credit: 1 (1 Quality

Prerequisite: Spanish III

Course Description: A major focus of this course is to enable students to communicate in writing and in extended conversations on a variety of topics. Students begin to narrate, discuss, and support fairly complex ideas and concepts using concrete facts and topics in past, present and future time. They satisfy routine social demands and meet most social requirements. Another emphasis of this course is on culture and literature. Short stories, poetry, excerpts from various periods of literature, current events, and authentic materials are included. Emphasis is placed on independent reading. Finer points of grammar are studied to aid oral and written communication. There is more in depth study of the target culture(s) and their influence throughout the world. Students are able to connect the target language to other disciplines and can compare it to their own. Finally, they are able to use the language inside and outside of the classroom setting.

**10555A Spanish V
Point)**

Credit: 1 (1 Quality

Prerequisite: Spanish IV

Course Description: This course is a continuation of Spanish IV with more emphasis on conversation. Study focuses on major literary works along with a detailed study of Spanish and Latin American history and culture. More work with technology is available for language study.

**10555B Advanced Spanish V (LN)
Point)**

Credit: 1 (1 Quality

Prerequisite: Spanish IV

Course Description: This course is taken in the fall semester before AP Spanish V. Students enroll in this course the same year they enroll in AP Spanish V.

10557B AP Spanish V (LN)

Credit: 1 (1 Quality Point)

Prerequisite: Spanish IV

Course Description: In addition to the regular course requirements, students are expected to develop and demonstrate higher-level cognitive skills in understanding, speaking, reading, and writing Spanish. Understanding and speaking include ability to receive instruction, participate in discussions, and pose questions exclusively in Spanish. Reading and writing include expressing written opinions on various moral, ethical, and cultural issues based on assigned literacy passages.

10602A German I**Credit: 1**

Course Description: This course is an introduction to the study of the German language and its culture. It allows students to perform the most basic functions of the language and to become familiar with some elements of its culture. The emphasis is placed on the development of the four skills of listening, speaking, reading, and writing within a given context extending outside of the classroom setting when possible. Grammar is integrated throughout the course and is selected according to the language needs (functions). A general introduction to the culture, its products (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 on-going throughout the course.

10612A German II**Credit: 1****Prerequisite: German I**

Course Description: This course provides students with opportunities to continue the development of their listening, speaking, reading, and writing skills. Students participate in simple 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 the present time and past time inside and outside of the classroom setting. They compose related sentences which narrate, describe, compare, summarize familiar topics from the target culture. Focus is placed on understanding main ideas. They 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 other disciplines is on-going throughout the course.

10625A German III**Credit: 1 (1 Quality****Point)****Prerequisite: German II**

Course Description: This course provides students with additional opportunities to expand listening, speaking, reading, and writing skills as they create with the language and as they access short literary texts, authentic materials, and media on generally familiar topics. Students satisfy limited communication and social interaction demands, they initiate and maintain face-to-face communication. They identify main idea(s) and significant details in discussions, presentations, and written texts within a cultural context, read and interpret authentic materials, narrate and describe in sentences, groups of related sentences, and short cohesive passages in present, past, and future time and compose messages, announcements, personal notes, and advertisements. They 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 on-going throughout the course.

**10635A German IV
Point)**

Credit: 1 (1 Quality

Prerequisite: German III

Course Description: A major focus of this course is to enable students to communicate in writing and in extended conversations on a variety of topics. Students begin to narrate, discuss, and support fairly complex ideas and concepts using concrete facts and topics in past, present and future time. They satisfy routine social demands and meet most social requirements. Another emphasis of this course is on culture and literature. Short stories, poetry, excerpts from various periods of literature, current events, and authentic materials are included. Emphasis is placed on independent reading. Finer points of grammar are studied to aid oral and written communication. There is more in-depth study of the target culture(s) and their influence throughout the world. Students are able to connect the target language to other disciplines and can compare it to their own. Finally, they are able to use the language inside and outside of the classroom setting.

10802A Latin I

Credit: 1

Course Description: The Cambridge Latin Course is designed to introduce students to the language, culture, and history of the Roman empire during the first century AD (especially that of Pompeii, Roman Britain, and Alexandria). Emphasis is placed on reading and comprehension of the written word. Through the study of Latin, students begin to master a wealth of root words, prefixes, and suffixes essential to build English vocabulary useful in preparing for the SAT.

10812A Latin II

Credit: 1

Course Description: Latin II reviews the skills mastered in Latin I and uses them as a building block for further grammatical concepts. The course continues to introduce new aspects of culture and history, focusing on Roman Britain and the city Rome. Emphasis is still placed on learning new vocabulary and increasing English vocabulary via derivatives.

10825A Latin III

Credit: 1 (1 Quality Point)

Course Description: Latin III includes a review of introductory and intermediate Latin vocabulary and grammar while students continue to work toward a mastery of reading and interpreting original works of Latin authors of the first century AD. Original passages from Ovid and Vergil (mythology), Catullus (poetry), and Pliny (prose) are first introduced.

10835A Latin IV

Credit: 1 (1 Quality Point)

Course Description: Latin IV Emphasizes increased enjoyment of Latin masterpieces such as the works of Cicero, Virgil, Ovid, Catullus, Horace and Platus. Students acquire additional vocabulary and mature understanding of Roman literature through translation.

HEALTHFUL LIVING

90112A Physical Education/Health

Grade Level: 9-12

Credit: 1

Course Description: This course is required for all students. Physical, mental and emotional health is explored. The physical education component consists of physical fitness testing, individual and team sports, and a variety of other activities.

90152A Advanced PE

Grade Level: 10-12

Credit: 1

Prerequisite: PE & Health

Course Description: This course is for the student who wishes to participate in physical education activities at an advanced level.

90152W Weight Training

Grade Level: 10-12

Credit: 1

Prerequisite: PE & Health

Course Description: This course involves studies in weight management, weightlifting, and programs for proper physical management.

90152L Lifetime Fitness

Grade Level: 10-12

Credit: 1

Prerequisite: PE & Health

Course Description: This course is designed with an emphasis on background and development of healthy life style choices associated with life-time fitness. Areas of study will include: aerobic activities for cardiovascular fitness, strength and conditioning methods, lifetime individual sports and activities.

90152R Recreation & Sports Management

Grade Level: 10-12

Credit: 1

Prerequisite: PE & Health

Course Description: This course is designed with an emphasis on developing skills and knowledge associated with the following activities: officiating games, tournament organization, court and field lay-out, maintenance of facilities, first aid and sports medicine.

90152T Theory and Application of Team Sports

Grade Level: 10-12

Credit: 1

Course Description: This course is designed with an emphasis on the strategies, skills, analysis of techniques and performance associated with team sports.

JUNIOR ROTC

Notes:

1. The focus of JROTC is “life management skills.” The learning objectives are in harmony with all Courses of Study-- College/University Prep, College Tech Prep, and Career Prep--thus making it a suitable elective for all students.
2. All Courses must be taken in sequence beginning with 95012A.
3. Coursework is supplemented by marksmanship training, drill and ceremonies, and adventure training.
4. Extra-curricular activities include color guard, drill team, rifle team, and raider team.

95012A JROTC IA

Grade Level: 9-12

Credit: 1

Course Description: This course is designed to focus on citizenship, building teamwork, and developing discipline and self-confidence. Course work will include U.S. citizenship (Constitution), career awareness, consumer awareness, oral communications, learning styles, conflict resolution, leadership, health (life saving first aid, and drug awareness), PE (weekly physical training), earth science (map reading) and U.S. military history overview. Students are required to participate in weekly uniform inspections. Selected students will be assigned squad level leadership roles.

95012B JROTC IB

Grade Level: 9-12

Credit: 1

Prerequisite: JROTC IA

Course Description: This course will focus on citizenship, building teamwork, and developing discipline and self-confidence. It is a continuation of JROTC IA coursework.

95022A JROTC IIA

Grade Level: 10-12

Credit: 1

Prerequisite: JROTC IB

Course Description: This course will focus on citizenship, teamwork, leadership, and motivation. Coursework will include written communications, presentation techniques, leadership and management, values and ethics, PE (weekly physical training), health (first aid, hygiene, and drug awareness), earth science (map reading), U.S. military history (Cold War era 1945-1991), U.S. Citizenship (civil rights), career awareness and technology awareness. Students rotate platoon level leadership roles.

95022B JROTC IIB

Grade Level: 10-12

Credit: 1

Prerequisite: JROTC IIA

Course Description: This course will focus on citizenship, teamwork, leadership, and motivation. It is a continuation of JROTC IIA coursework. Students rotate platoon level leadership roles.

95032A JROTC IIIA**Grade Level: 11-12****Credit: 1****Prerequisite: JROTC IIB**

Course Description: This course will focus on citizenship, teambuilding, and leadership. Coursework will include communication process and reading, leadership, PE (weekly physical training), health (first aid, stress, and drug awareness), earth science (map reading), U.S. military history (1865-1945), U.S. citizenship (judicial system), career awareness, personal financial management, and technology awareness. Selected students will be assigned company level leadership, and battalion staff positions.

95032B JROTC IIIB**Grade Level: 11-12****Credit: 1****Prerequisite: JROTC IIIA**

Course Description: This course focuses on citizenship, teambuilding, and leadership. It is a continuation of JROTC IIIA coursework. Selected students are assigned company level leadership and battalion staff positions.

95042A JROTC IVA**Grade Level: 12****Credit: 1****Prerequisite: JROTC IIIB**

Course Description: This course will focus on citizenship, teambuilding, and leadership. The course will include practical exercises in oral and written communications, leadership (ethics), drug awareness, U.S. military history (1775-1865), PE (weekly physical training), and career awareness. Students will be assigned to company and battalion level command and staff leadership positions. Students are responsible for peer teaching JROTC IA – IIIB students in all areas of the curriculum under the supervision of military instructors.

95042B JROTC IVB**Grade Level: 12****Credit: 1****Prerequisite: JROTC IVA**

Course Description: This course will focus on citizenship, teambuilding, and leadership. It is a continuation of JROTC IVA practical exercises. Students will be assigned to company and battalion level command and staff leadership positions. Students are responsible for peer teaching JROTC IA – IIIB students in all areas of the curriculum under the supervision of military instructors.

OCCUPATIONAL COURSE OF STUDY REQUIREMENTS

THIS COURSE OF STUDY IS AVAILABLE FOR CERTAIN STUDENTS WITH DISABILITIES AS DETERMINED BY IEP TEAMS

92400A Occupational Preparation I

Credit: 1

Course Description: This course is designed to introduce students to the fundamental attitudes, behaviors, and habits needed to obtain and maintain employment in their career choice and make career advancements. Students will participate in school-based learning activities including work ethic development, job-seeking skills, decision-making skills, and self-management. Students will be involved in on-campus vocational training activities such as school factories, work-based enterprises, hands-on vocational training in Workforce Development 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.

92410A Occupational Preparation II

Credit: 1

Course Description: This course emphasizes the development of skills generic to all career majors resource management, communication, interpersonal relationship skills, technology, stamina, endurance, safety, mobility skills, motor skills, teamwork, sensory skills, problem solving, cultural diversity, information acquisition/management and self-management. This course content is focused on providing students with a repertoire of basic skills that will serve as a foundation for future career application. Students will expand their school-based learning activities to include on-campus jobs and begin some work-based learning activities. Job-seeking skills will also continue to be refined.

92420A Occupational Preparation III

Credit: 1

Course Description: 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.

92430A Occupational Preparation IV

Credit: 1

Course Description: 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 and 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 will develop a job placement portfolio that provides an educational and vocational record of their high school experience.

92100A Occupational English I

Credit: 1

Course Description: This course is designed for students to explore and examine a variety of communication modes and the importance each plays in daily living and employment settings. They apply reading and writing skills to interpret and express factual, functional information. They use oral language skills to communicate effectively in both formal and informal situations. In Occupational English I students will:

- Expand basic telephone skills for work and home.
- Write complete simple and compound sentences.
- Take and support positions of self-advocacy.
- Read a variety of materials to gain information and perform tasks.
- Read basic functional vocabulary terms.
- Employ accurate manuscript and cursive letter formation.
- Exhibit ethical behavior in the use of computer technology.
- Develop effective interviewing skills.

92110A Occupational English II

Credit: 1

Course Description: This course is designed for students to analyze and employ effective communication skills in both daily living and employment settings. They use standard rules of convention and syntax to give and request information. They read and comprehend a variety of functional texts. Occupational English II students will:

- Give and request verbal directions.
- Demonstrate appropriate communication skills when addressing peers.
- Write sentences to form paragraphs.
- Read and comprehend information found in a variety of printed materials.
- Use basic word processing skills for written communication.
- Expand self-advocacy skills.

92120A Occupational English III

Credit: 1

Course Description: This course is designed for students enrolled in the course to read, write, and orally express information required in a variety of daily living and employment settings. They identify main concepts and supporting information from printed material. They examine the speaking skills expected in a variety of settings and demonstrate effective oral communication in each. In addition the student will:

- Expand proficiency in basic sentence and paragraph writing as applied to a variety of functional, independent living and employment tasks.
- Visually gain information from a variety of graphic material.
- Expand reading and writing of functional vocabulary terms.
- Expand comprehension of a variety of printed material.
- Demonstrate oral communication skills needed for a work environment.
- Write formal and informal letters.

92130A Occupational English IV**Credit: 1**

Course Description: Students in Occupational English IV integrate oral, written and visual skills to communicate effectively in a variety of daily living and employment situations. They use written communication for explanatory, argumentative, self-advocacy, and social purposes. They employ visual communication skills to locate and research information. Occupational English IV students will:

- Expand verbal communication skills.
- Write logical and sequential reports.
- Expand comprehension of functional vocabulary to include legal, medical, tax, and insurance terms.
- Read and comprehend directions and other printed material for daily living and employment tasks.
- Complete personal forms and applications.
- Use computer technology to enter and edit information on a spreadsheet and to communicate online.
- Produce complete personal portfolios.

92200A Occupational Mathematics I**Credit: 1**

Course Description: This course is designed to continue the study of: a) Computation: reading, writing, counting, and the mathematical skills using whole numbers, decimals, fractions, and percents; b) Financial Management: recognizing and identifying basic financial information; c) time and Measurement; d) Independent Living; and e) Technology. Students will acquire these skills through hands-on approaches and cooperative learning within the classroom and community. Application of these skills is necessary for independent living and successful employment.

92210A Occupational Mathematics II**Credit: 1**

Course Description: This course is designed to continue from Occupational Mathematics I the study of computation and the application of these skills for independent living and successful employment. More emphasis is placed on application and problem solving in the areas of financial management, reading and interpreting schedules, time and measurement and independent living using technology, hands-on approaches and cooperative learning.

92220A Occupational Mathematics III**Credit: 1**

Course Description: This course is designed to emphasize the application of skills previously learned. In this course students demonstrate application of the skills in the community and places of employment.

92300A Life Skills Science I**Credit: 1**

Course Description: This course is designed to provide students with the knowledge necessary to practice safety in all areas of life and maintain a healthy lifestyle. Students will also receive instruction in the provision of first aid and accessing medical care. Students will have opportunities to apply skills in the area

of healthy living and safety to various situations within the home, community, and workplace.

92310A Life Skills Science II

Credit: 1

Course Description: Students will develop basic, functional knowledge of science concepts in the areas of earth science, environmental science, and physical science. Students will also develop skills in the area of healthy relationships. Students will have the opportunity to apply the science-based concepts to daily living situations at home, in the community, and the workplace.

92440A Social Studies I: Government/U.S. History

Credit: 1

Course Description: This course is designed to provide the student with basic economic, government, and political knowledge they need to become responsible citizens and consumers. It covers the historical background of the development of the United States, including the Constitution and amendments, and the three branches of government, and major laws that effect citizens. The course also covers state and local government roles and jurisdictions, and issues of personal citizenship.

92450A Social Studies II: Problem Solving & Self-Advocacy Skills

Credit: 1

Course Description: This course is designed to teach students concepts and skills related to self-advocacy and self-determination, which are essential for achieving independence and successful adult outcomes. The course strands are presented in natural progression as follows: Self-Concept, Communication and Assertiveness, Problem Solving, and Self-Advocacy. Students will learn skills that build on one another, so that they can practice the new skills using the earlier learned ones. For example, they advocate for themselves using assertiveness, good communication, and problem solving skills. Students will learn through participative methods in which role-playing is essential. Later, students will generalize the skills by application in various environments. Self-regulatory skills such as setting, managing, and monitoring goal performance are emphasized in every curriculum strand, and therefore are not included as a separate teaching domain.

95610A Career Training for Exceptional Children

Credit: 1

Course Description: This course is designed to provide students in the Occupational Course of Study with the opportunity to participate in off-campus vocational training that is in alignment with their post-school employment goal. The course allows release time for students to be involved in work-based learning activities including but not limited to: internships, apprenticeships, job shadowing, community service projects, vocational job coach services, individual competitive employment placements, or supported employment. This course may be repeated more than one time for credit based on the student's need for work-based vocational training.

CAREER & TECHNICAL EDUCATION

AGRICULTURAL EDUCATION

* Denotes Second Level (Advanced) Courses

68102A Agriscience Applications

Grade Level: 9-10

Credit: 1

Course Description: This course focuses on integrating biological/physical sciences with technology as related to the environment, natural resources, food production, science and agribusiness. Topics of instruction include agricultural awareness and literacy, leadership and FFA, employability skills, introduction to all aspects of the total agricultural industry. Skills in biology, language, writing, computers, math, and physics are reinforced in this course. Work-based learning strategies appropriate for this course are field trips, shadowing, agriscience projects, and supervised agricultural experience. Supervised agricultural experience programs and FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies.

68212A Animal Science I

Grade Level: 9-12

Credit: 1

Course Description: This course focuses on the basic scientific principles and processes that are involved in animal physiology, breeding, nutrition, and care in preparation for an animal science career major. Topics include introduction to animal science, animal nutrition, animal science issues, career opportunities, and animal evaluation. Skills in biology, chemistry, and algebra are reinforced in this course. Work-based learning strategies appropriate for this course are agriscience projects, internships, and supervised agricultural experience. Supervised agricultural experience programs and FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies.

***68222A Animal Science II**

Grade Level: 10-12

Credit: 1

Prerequisite: Animal Science I

Course Description: This course includes more advanced scientific principles and communication skills than were developed in Animal Science I. Topics include animal waste management, animal science economics, decision making, global concerns in the industry, genetics, and breeding. Content knowledge in biology, chemistry, and algebra are reinforced in this class. Work-based learning strategies appropriate for this course are agriscience projects, internship, cooperative education, apprenticeship, and supervised agricultural experience. Supervised agricultural experience programs and FFA leadership activities are integral components of the course **and** provide many opportunities for practical application of instructional competencies.

***68232A Animal Science II—Small Animal**

Grade Level: 10-12 (NI, SI)

Credit: 1

Prerequisite: Animal Science I

Course Description: This course provides instruction on animal husbandry topics related to small animals that are served by a veterinarian. Content related to the breeding, grooming, care and marketing of animals that fit into this category will be covered through this course. Opportunities for students to gain hands-on experience will be included in the course and reinforced through work-based learning and leadership experiences.

68212E Equine Science I

Credit: 1

Grade Level: 10-12 (SI, WI)

Course Description: This course focuses on the basic scientific principles and processes related to equine physiology, breeding, nutrition and care in preparation for a career in the equine industry. Skills in biology, chemistry and mathematics are reinforced in this course. Opportunities for students to gain hands-on experience will be included in this course through work-based learning and leadership experiences. Supervised agricultural experience programs and FFA leadership activities are integral components of the course.

***68222E Equine Science II**

Credit: 1

Grade Level: 10-12 (SI, WI)

Prerequisite: Equine Science I

Course Description: This course focuses on more advanced applications of feeding, breeding, and management practices involved in the horse industry. Content knowledge in biology, chemistry, and algebra are reinforced in this class. Work-based learning strategies appropriate for this course are agriscience projects, internships, and supervised agricultural experience. Supervised agricultural experience programs and FFA leadership activities are integral components of the course.

68312A Agricultural Mechanics I

Grade Level: 9-12

Credit: 1

Course Description: This course develops knowledge and technical skills in the broad field of agricultural machinery, equipment, and structures. The primary purpose of this course is to prepare students to handle the day-to-day problems, accidents, and repairs needs they will encounter in their chosen agricultural career. Topics include agricultural mechanics safety, agricultural engineering career opportunities, hand/power tool use and selection, electrical wiring, basic metal working, basic agricultural construction skills related to plumbing, concrete and carpentry, basic welding, and leadership development. Skills in physics, geometry, and algebra are reinforced in this course. Work-based learning strategies appropriate for this course are agriscience projects, field trips, shadowing, and supervised agricultural experience. Supervised agricultural experience programs and FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies.

68322A Agricultural Mechanics II*Grade Level: 10-12****Credit: 1****Prerequisite: Agricultural Mechanics I**

Course Description: This course expands upon the knowledge and skills learned in Agricultural Engineering Technology I. The topics of instruction emphasized are non-metallic agricultural fabrication techniques, metal fabrication technology, safe tool and equipment use, human resource development, hot/cold metal working skills and technology, advanced welding and metal cutting skills, working with plastics, and advanced career exploration/decision making. Skills in physics, geometry, and algebra are reinforced in this course. Work-based learning strategies appropriate for this course are agriscience projects, internships, cooperative education, apprenticeship, and supervised agricultural experience. Supervised agricultural experience programs and FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies.

68322B Agricultural Mechanics II—Small Engines*Grade Level: 10-12****Credit: 1****Prerequisite: Agricultural Mechanics I**

Course Description: This course provides hands-on instruction and emphasizes small engine systems including the compression, fuel, electrical, cooling and lubrication systems. Troubleshooting methods are emphasized and students learn how to select engines for specific applications. Safety skills will be emphasized as well as leadership development and work-based learning. Opportunities exist for students to participate in internships or apprenticeships as small engine technicians.

68412A Horticulture I**Grade Level: 9-12****Credit: 1**

Course Description: This course provides instruction on the broad field of horticulture with emphasis on the scientific and technical knowledge for a career in horticulture. Topics in this course include plant growth and development, plant nutrition, media selection, basic plant identification, pest management, chemical disposal, customer relations, career opportunities, and leadership development. Skills in biology, chemistry, and algebra are reinforced in this course. Work-based learning strategies appropriate for this course are agriscience projects, internships, and supervised agricultural experience. Supervised agricultural experience programs and FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies.

68422A Horticulture II*Grade Level: 10-12****Credit: 1****Prerequisite: Horticulture I**

Course Description: This course covers instruction that expands the scientific knowledge and skills developed in Horticulture I to include more advanced scientific, computation, and communication skills needed in the horticulture industry. Topics include greenhouse plant production and management, bedding

plant production, watering systems, light effects, basic landscape design, installation and maintenance, lawn and turfgrass management career planning, and leadership/personal development. Skills in biology, chemistry, and algebra are reinforced in this class. Work-based learning strategies appropriate for this course are agriscience projects, cooperative education, apprenticeship, and supervised agricultural experience. Supervised agricultural experience programs and FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies.

***68822A Horticulture II—Landscape Construction**

Grade Level: 10-12 (NI, SI, WI)

Credit: 1

Prerequisite: Horticulture I

Course Description: This course provides hands on instruction and emphasizes safety skills needed by landscape technicians in the field. This course is based on the North Carolina Landscape Contractors' Association skill standards for a Certified Landscape Technician. Students are instructed in interpreting landscape designs, identifying landscape plants, and planting/maintaining trees, shrubs and turf. Landscape construction is emphasized in the areas of grading and drainage, irrigation, paver installation and the use/maintenance of landscape equipment. Current topic discussions provide students an understanding of careers and the employability skills needed to enter the landscape industry. Opportunities exist for students to conduct internships or apprenticeships as landscape technicians.

***68432B Horticulture II—Turf Grass**

Grade Level: 11-12 (NI, SI, WI)

Credit: 1

This course provides hands-on instruction and emphasizes eight units of instruction including: fundamentals of soils and pests; environmental issues related to turf management; landscape basics; lawn care and turf production; golf course management; sports turf and turf irrigation; turf equipment and maintenance; and human resources and financial management. Safety skills will be emphasized as well as leadership development and work-based learning. Opportunities exist for students to conduct internships or apprenticeships related to landscaping, lawn care, and golf course management.

68512A Environmental & Natural Resources I

Grade Level: 9-12 (NI, SI, WI)

Credit: 1

Course Description: This course provides an introduction to environmental studies, which include topics of instruction in renewable and non-renewable resources, history of the environment, personal development, water and air quality, waste management, land use regulations, soils, meteorology, fisheries, forestry, and wildlife habitat. Skills in biology and algebra are reinforced in this class. Work-based learning strategies appropriate for this course are agriscience projects, field trips, shadowing, and supervised agricultural experiences. Supervised agricultural experience programs and FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies

***68522A Environmental & Natural Resources II**

Grade Level: 10-12 (NI, SI, WI)

Credit: 1

Prerequisite: Environmental & Natural Resources I

Course Description: This course covers instruction in best management practices in methods of environmental monitoring and conservation, air and water regulations, sampling methodologies, prescribing conservation techniques, and wildlife and forestry management. Skills in biology, chemistry, and algebra are reinforced in this class. Work-based learning strategies appropriate for this course are agriscience projects, field trips, shadowing, cooperative education, and supervised agricultural experience. Supervised agricultural experience programs and FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies.

***68992A Agricultural Advanced Studies**

Grade Level: 12

Credit: 1

Prerequisite: Three technical credits in the Agricultural Resources Pathway including a level I Agricultural Education course

Course Description: This is a three-phased exit course for seniors that is career-focused in agricultural education. The three components of the program include a research paper, a product, and a presentation. Students demonstrate their ability to use content and apply knowledge to real-world situations in a career major. In addition, they will also demonstrate their ability to write, speak, apply knowledge, problem-solve, and use life skills such as time management, planning, follow-through, and organization. Students work under the guidance of a teacher facilitator in collaboration with community members, business representatives and other school-based personnel.

68092F Floral Design and Services

Credit: 1

Grade Level: 11-12 (NI)

Course Description: This course focuses on the history and artistic principles of floral design, and the materials and mechanics of floral design construction. Students also gain knowledge of the floral industry, including the interiorscape and plant services industry. Supervised Agricultural Experience and FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies.

CAREER DEVELOPMENT

61452A Career Management

Grade Level: 9-12

Credit: 1

Course Description: This course is designed to prepare students to locate, secure, keep, and change careers. Competencies for this course are based on the National Career Development Guidelines. Strategies for this course include teamwork, technology, problem-solving, decision-making, goal-setting, and self-management.

BUSINESS EDUCATION

* Denotes Second Level (Advanced) Courses

64112A Computer Applications I

Grade Level: 9-12

Credit: 1

Prerequisite: Passing score on both components of the 8th grade computer competency test.

Course Description: This course is designed to help students master advanced skills in the areas of word processing, database management, spreadsheets, telecommunications, desktop publishing, and presentation applications. Emphasis is on data communications, Internet and e-mail, as well as skill development in the integration of software applications, ethical issues pertaining to information systems, and information technologies careers. Communication skills and critical thinking are reinforced through software applications. Work-based learning strategies appropriate for this course are service learning, field trips, and job shadowing. Simulations, projects, teamwork, and FBLA leadership activities, meetings, conferences, and competitions provide opportunities for application of instructions competencies.

64112B Computer Applications I

Grade Level: 9-12

Credit: 1

Prerequisite: Failing score on either component of the 8th grade computer competency test.

Course Description: This course is for students who have not passed both components of the 8th grade computer competency test. It is designed to help students master beginning and advanced skills in the areas of word processing, database management, spreadsheets, telecommunications, desktop publishing, and presentation applications. Emphasis is on data communications, Internet and e-mail, as well as skill development in the integration of software applications, ethical issues pertaining to information systems, and information technologies careers. Communication skills and critical thinking are reinforced through software applications. Work-based learning strategies appropriate for this course are service learning, field trips, and job shadowing. Simulations, projects, teamwork, and FBLA leadership activities, meetings, conferences, and competitions provide opportunities for application of instructions competencies.

***64122 Computer Applications II**

Grade Level: 10-12

Credit: 1

Prerequisite: Computer Applications I

Course Description: This course is designed to help students master advanced skills in the areas of integrating technology devices, Internet research strategies and uses, complex desktop publishing, multimedia production, and basic web page design. Emphasis is placed on skill development and refinement of skills in information technologies as well as economic, ethical, and social issues in the information technologies area. Communication skills and critical thinking are reinforced through software applications. Work-based learning strategies appropriate to this course are school-based enterprises, internships, cooperative education, and apprenticeship. Simulations, projects, teamwork, and FBLA

leadership activities, meetings, conferences, and competitions provide opportunities for application of instructional competencies.

62002A Principles of Business and Personal Finance

Grade Level: 10-12

Credit: 1

Course Description: This course introduces principles and concepts that are the foundation for future study of business and management. Topics of study include basic business principles, personal finance concepts, management concepts, systems thinking, quality management, and the current environment for business in a multinational marketplace. Communication skills and basic mathematical concepts are reinforced in this course. Work-based learning strategies appropriate to this course are field trips and job shadowing. Simulations, projects, and teamwork, and FBLA leadership activities, meetings, conferences, and competitions provide opportunities for application of instructional competencies.

63112A Computerized Accounting I

Grade Level: 10-12

Credit: 1

Course Description: This course is designed to help students understand the basic principles of the accounting cycle. Emphasis is placed on analyzing and recording of business transactions, preparation and interpretation of financial statements, accounting systems, banking and payroll activities, basic types of business ownership, and an accounting career orientation. Mathematical skills and critical thinking are reinforced. Work-based learning strategies appropriate to this course are school-based enterprises, internships, cooperative education, and apprenticeship. Simulations, projects, teamwork, and FBLA leadership activities, meetings, conferences and competitions provide opportunities for application of instructional competencies.

***63122A Computerized Accounting II**

Grade Level: 10-12

Credit: 1

Prerequisite: Computerized Accounting I

Course Description: This course is designed to provide students with an opportunity to develop in-depth knowledge of accounting procedures and techniques utilized in solving business problems and making financial decisions. Emphasis includes partnership accounting; adjustments and inventory control systems; budgetary control systems; cost accounting; and further enhancement of employment skills. Mathematics skills and critical thinking are reinforced. Work-based learning strategies appropriate to this course are school-based enterprises, internships, cooperative education, and apprenticeship. Simulations, projects, teamwork, and FBLA leadership activities, meetings, conferences and competitions provide opportunities for application of instructional competencies.

64002A e-Commerce I

Grade Level: 11-12

Credit: 1

Prerequisite: Computer Applications II

Course Description: This course is designed to help students master skills in the design and construction of complex web sites for conducting business electronically. Emphasis is on skill development in advanced web page construction and

entrepreneurial applications of conducting business electronically as well as economic, social, legal, and ethical issues related to electronic business. Students will plan, design, create, publish, maintain, and promote an electronic business web site. Communication skills and critical thinking are reinforced through software applications. Work-based learning strategies appropriate for this course are school-based enterprises, internships, cooperative education, and apprenticeship. Simulations, projects, teamwork, and FBLA leadership activities, meetings, conferences, and competitions provide opportunities for application of instructional competencies.

***64002B e-Commerce II**

Grade Level: 11-12

Credit: 1

Prerequisite: e-Commerce I

Course Description: This course is designed to help students master advanced skills in electronic commerce security; payment infrastructure; secure electronic commerce transactions; and electronic commerce order entry, tracking and fulfillment. Emphasis is placed on marketing techniques for electronic commerce websites, tracking and using customer and sales data and other uses of databases in electronic commerce sites. Communication skills, problem solving, research, and critical thinking skills are reinforced as students develop and enhance capstone projects. Work-based learning strategies appropriate for this course are school-based enterprises, internships, cooperative education, and apprenticeship. Simulations, projects, teamwork, and FBLA leadership activities, meetings, conferences, and competitions provide opportunities for application of instructional competencies.

65352D Digital Communication Systems

Grade Level: 9-12

Credit: 1

Prerequisite: Passing score on both components of the 8th grade computer competency test.

Course Description: This course is designed to teach basic digital input skills including keying using the touch method, speech recognition, and use of hand-held devices. Emphasis is on the daily use and operation of commonly used digital communication devices to develop skill with concentrated application of those skills in the production of business communication and correspondence. Communication skills are reinforced as the students format, compose and proofread. Work-based learning strategies appropriate for this course are service learning, field trips, and job shadowing. Simulations, projects, teamwork, and FBLA leadership activities, meetings, conferences, and competitions provide opportunities for application of instructional competencies.

62152A Business Law

Grade Level: 11-12

Credit: 1

Course Description: This course is designed to acquaint students with the basic legal principles common to business and personal activities. Topics include consumer concepts to assist students when evaluating contracts, purchasing with credit, purchasing appropriate insurance, and renting and owning real estate.

Business concepts such as contracting, ethics, starting a business, hiring employees, managing employees, or representing other businesses as employee or contractor are included. Skills in critical thinking are reinforced in this course along with oral and written communication skills. Work-based learning strategies appropriate for this course are field trips and job shadowing. Simulations, projects, teamwork, and FBLA leadership activities, meetings, conferences, and competitions provide opportunities for application of instructional competencies.

***62252A Business Management and Applications**

Grade Level: 11-12

Credit: 1

Prerequisite: Computer Applications I

Course Description: This course covers the organizational functions of businesses including total quality concepts, project management, and problem solving. Emphasis is placed on analyzing the social, technological, and organizational systems in businesses, such as human relations, communications, data management, and meeting and conference coordination. Skills in communications and mathematics are reinforced as the student uses the appropriate business technology to perform business applications. Work-based learning strategies appropriate to this course are school-based enterprises, internships, cooperative education, and apprenticeship. Simulations, projects, teamwork, and FBLA leadership activities, meetings, conferences, and competitions provide opportunities for application of instructional competencies.

62352A Small Business Entrepreneurship

Grade Level: 9-12

Credit: 1

Course Description: This course introduces students to the rewards and risks of owning or operating a business enterprise. Emphasis is placed on the mastery of skills needed to plan, organize, manage, and finance a small business. Skills in communication, technical writing, mathematics, research, and problem-solving are reinforced as each student prepares his/her own business plan. Work-based learning strategies appropriate for this course include cooperative education and paid/unpaid internships. Simulations, projects, teamwork, and FBLA leadership activities, meetings, conferences, and competitions provide opportunities for application of instructional competencies.

MARKETING EDUCATION

66212A Marketing

Grade Level: 10-12 (NI, LN, SI)

Credit: 1

Course Description: This course is designed to help students develop basic knowledge, skills, and attitudes that will prepare them to enter the field of marketing. The course, which focuses on the National Curriculum Framework and National Marketing Education Standards, emphasizes the foundations of business, management, and entrepreneurship; economics; professional development; and communication and interpersonal skills. Included in these foundations are concepts such as distribution, financing, selling, pricing, promotion, marketing-information management, and product/service management. Skills in communications, mathematics, and psychology are reinforced in this course. Work-based learning

strategies appropriate for this course include job shadowing, paid/unpaid internships, school-based enterprises, field trips, and/or cooperative education. Marketing simulations, projects, teamwork, and DECA activities, meetings, conferences, and competitions provide many opportunities for application of instructional competencies.

***66222A Marketing Management**

Grade Level: 11-12 (LN, SI)

Credit: 1

Prerequisite: Marketing

Course Description: This course is designed to continue the foundations covered in 6621 Marketing. Topics of study include recruiting, hiring, training, and evaluating employees; information management; purchasing; pricing; ethics; sales management; and financing. Skills in math, human relations, communications, and technical writing are reinforced in this course. Work-based learning strategies appropriate for this course include school-based enterprises, cooperative education, paid/unpaid internships, and apprenticeships. Marketing simulations, projects, teamwork, and DECA activities, meetings, conferences, and competitions provide many opportunities for application of instructional competencies.

66452A Sports and Entertainment Marketing I

Grade Level: 10-12 (LN)

Credit: 1

Course Description: This course is designed for students interested in sports, entertainment, and event marketing. Emphasis is placed on the following principles as they apply to the industry: branding, licensing, and naming rights; business foundation; concessions and on-site merchandising; economic foundation; promotion; safety and security; and human relations. Skills in communications, human relations, psychology, and mathematics are reinforced in this course. Work-based learning strategies appropriate for this course include cooperative education paid/unpaid internships, and school-based enterprises. Marketing simulations, projects, teamwork, and DECA leadership activities, meetings, conferences, and competitions provide opportunities for application of instructional competencies.

66452B Sports and Entertainment Marketing II

Grade Level: 10-12 (LN)

Credit: 1

Prerequisite: Sports and Entertainment Marketing I

Course Description: This course is designed for students interested in an advanced study of sports, entertainment, and event marketing. Emphasis is placed on the following principles as they apply to the industry: business management, career development options, client relations, ethics, events management, facilities management, legal issues and contracts, promotion, and sponsorships. Skills in communications, human relations, mathematics, psychology, and technical writing are reinforced in this course. Work-based learning strategies appropriate for this course include cooperative education paid/unpaid internships, and school-based enterprises. Marketing simulations, projects, teamwork, and DECA leadership activities, meetings, conferences, and competitions provide opportunities for application of instructional competencies.

HEALTH OCCUPATIONS EDUCATION

* Denotes Second Level (Advanced) Courses

72002A Biomedical Technology (NI, SHS)

Grade Level: 9-10

Credit: 1

Course Description: This survey course challenges students to investigate current and 21st century medical and health care practices using computerized databases, the Internet, media, and visiting health team professionals. Topics include the world of biomedical technology, the language of medicine, present and evolving biomedical specialties, biomedical ethics: crises and alternatives, and health career development. Work-based learning strategies include service learning, field trips, and job shadowing. Skills in science, mathematics, communications, health, and social studies are reinforced in this course. HOSA membership provides opportunities for personal and experiential growth.

72102A Health Team Relations

Grade Level: 9-10

Credit: 1

Course Description: 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. Work-based learning strategies include service learning, field trips, and job shadowing. Basic academic skills, employability skills, critical thinking skills, teamwork, and the use of technology are reinforced in this course. HOSA leadership activities provide many opportunities for practical application of instructional competencies.

72112A Allied Health Sciences I

Grade Level: 11

Credit: 1

Prerequisites: Biology and Health Education

Course Description: The course investigates the health care delivery system, its services, occupations, and related sciences. Topics include the study of the language of medicine, medical mathematics, microbiology, anatomy and physiology diseases/disorders, diagnoses, treatments, patient/client care regimens, career development, and future technological innovations. Work-based learning strategies include service learning, field trips, and job shadowing. Skills in science, mathematics, communications, social studies and health are reinforced in this course. Projects, teamwork, demonstrations, and HOSA competitive events serve as instructional strategies that reinforce the curriculum contents.

***72122A Allied Health Sciences II**

Grade Level: 12

Credit: 2

Prerequisite: Allied Health Sciences I

Course Description: This course is designed to prepare potential health care workers, preferably seniors, to become effective and efficient multiskilled health team member. Emphasis is placed on the development of proficiency in employability skills, emergency care skills, safety skills, clerical skills, and health care skills. The work-based learning strategy appropriate for this course is a

minimum 65-hour clinical internship where student interns deliver health care in local hospitals, medical/dental/veterinarian offices, nursing/convalescent/retirement facilities, wellness centers, etc. Skills in science, mathematics, communications, health, and social studies are reinforced in this course. HOSA activities support networking with health care agencies and professionals through the development of clinical expertise and volunteerism.

***72992A Health Science Advanced Studies**

Grade Level: 12

Credit: 1

Prerequisite: Allied Health Science I

Course Description: This is a culminating course for seniors that is career-focused in a health or medical career. The three parts of the course include a research paper, a product, and a presentation. Students demonstrate their abilities to use content and apply knowledge to real-world situations in a selected career. In addition, they will also demonstrate their abilities to write, speak, apply knowledge, problem solve, and use life skills such as time management and organization. Students work under the guidance of a teacher-facilitator in collaboration with community members, business representatives, and other school-based personnel. HOSA membership provides avenues for applying leadership skills, reinforcing writing and speaking skills, and participating in volunteer activities.

FAMILY AND CONSUMER SCIENCES EDUCATION

* Denotes Second Level (Advanced) Courses

70152A Teen Living

Grade Level: 9-10

Credit: 1

Course Description: This course examines life management skills in the areas of personal and family living; wellness, nutrition and foods; financial management; living environments; appropriate child development practices; fashion and clothing; and job readiness. Emphasis is placed on students applying these skills during their teen years. Through simulated experiences, they learn to fulfill their responsibilities associated with the work of the family and community. Skills in mathematics, communication, science, technology, and personal and interpersonal relationships are reinforced in this course. Work-based learning strategies appropriate for this course are field trips and service learning. Skill development and FCCLA leadership activities provide the opportunity to apply instructional competencies and workplace readiness skills to authentic experiences.

70352A Apparel Development I

Grade Level: 9-12

Credit: 1

Course Description: This course examines 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. Skills in art, mathematics, communication, science, and technology are reinforced in this course. Work-based learning strategies appropriate for this course are field trips, job shadowing, and service learning. Skill development and FCCLA leadership activities provide the

opportunity to apply instructional competencies and workplace readiness skills to authentic experiences.

70452A Foods I--Fundamentals

Grade Level: 10-12

Credit: 1

Course Description: This course examines nutritional needs of the individual. Emphasis is placed on the relationship of diet to health, kitchen and meal management, and food preparation. Skills in science and mathematics are reinforced in this course. Work-based learning strategies appropriate for this course are field trips, job shadowing, and service learning. Skill development and FCCLA leadership activities provide the opportunity to apply instructional competencies and workplace readiness skills to authentic experiences.

70552A Housing and Interiors I

Grade Level: 9-12

Credit: 1

Course Description: This course examines housing and interior decisions that individuals and families make based on their needs, the environment, and technology. Emphasis is placed on selecting goods and services and creating functional and pleasing living environments based on sound financial decisions and design principles. Skills in mathematics, technology, and art are reinforced in this course. Work-based learning strategies appropriate for this course are field trips, job shadowing, service learning, and school-based enterprises. FCCLA leadership activities provide the opportunity to apply instructional competencies and workplace readiness skills to authentic experiences.

70652A Parenting and Child Development

Grade Level: 9-12

Credit: 1

Course Description: This course introduces students to responsible nurturing and basic applications of child development theory. Emphasis is on the parents' responsibilities for and the influences on children while providing care and guidance. Skills in communication, resource management, and problem solving are reinforced in this course. Work-based learning strategies appropriate for this course are field trips and service learning. FCCLA leadership activities provide the opportunity to apply instructional competencies and workplace readiness skills to authentic experiences.

70852A Life Management

Grade Level: 11-12

Credit: 1

Course Description: This course is designed to empower students to take action for the well-being of themselves and others in the family, workplace, and community. Topics include financial management, personal development, parenting, relationships, career development, and wellness and nutrition. The focus is on what students need to know and be able to do to manage work and family responsibilities within the first five years after high school. Skills in decision making, problem solving, critical thinking, interpersonal relationships, technology, workplace readiness, and communication are reinforced in this course. Work-based

learning strategies appropriate for this course are field trips and service learning. FCCLA leadership activities provide the opportunity to apply instructional competencies and workplace readiness skills to authentic experiences.

71112A Early Childhood Education I

Grade Level: 11

Credit: 1 or 2

Prerequisite: Parenting and Child Development

Course Description: This course prepares students to work with children from birth through age 8. Emphasis is placed on enhancing the development of young children while providing early education and care. Topics include stages of development, health, safety, guidance, and developmentally appropriate activities. Skills in communication and interpersonal relationships are reinforced in this course. Work-based learning strategies appropriate for this course are school-based enterprises, internships, cooperative education, service learning, field trips, job shadowing, and apprenticeships. Industry skill development and FCCLA leadership activities provide the opportunity to apply instructional competencies and career management skills to authentic experiences.

***71122A Early Childhood Education II**

Grade Level: 12

Credit: 2

Prerequisite: Early Childhood Education I

Course Description: This course prepares students to work with children from ages birth to twelve years of age in child care, preschool, and/or after school programs. Students are encouraged to continue their education at a community college or university. Students receive instruction in child care pertaining to teaching methods, career development, program planning and management, health and safety issues, entrepreneurship skills, and technology. Work-based learning comprises over 50 percent of the required coursework. Students who successfully complete this course and are 18 years of age will be eligible to apply for the North Carolina Early Childhood Credential (NCECC) through the Division of Child Development. The work-based learning strategies appropriate for this course include school-based enterprises, internships, cooperative education, field trips, job shadowing, and apprenticeships. SCAN (industry) skill development and FCCLA leadership activities provide the opportunity to apply instructional competencies and workplace readiness skills to authentic experiences.

***71992A Family and Consumer Sciences Advanced Studies**

Grade Level: 11-12

Credit: 1

Prerequisite: Three Career Pathway credits in career major.

Course Description: This is the advanced Family and Consumer Science course for the following Career & Technical Pathways: Biological and Chemical Technologies, Commercial and artistic Production Technologies and Public Service Technologies. The course is career-focused in the apparel design; community and family services; early childhood education; food science, dietetics, and nutrition; or interior design career area. The three parts of the course include a research paper, a product, and a presentation. Students demonstrate their abilities to use content and apply knowledge to authentic situations in a selected career. In addition, they will also demonstrate their abilities to write, speak, solve problems, and use life

skills such as time management and organization. Students work under the guidance of a teacher-facilitator in collaboration with community members, business representatives, and other school-based personnel. Skill development and FCCLA leadership activities provide the opportunity to apply instructional competencies and workplace readiness skills to authentic experiences.

TRADE AND INDUSTRIAL EDUCATION

* Denotes Second Level (Advanced) Courses

75112A Automotive Service Technology I

Grade Level: 10-11

Credit: 1

Prerequisite: Completed or concurrent enrollment in Algebra I or I B

Course Description: This course introduces basic automotive skills and job opportunities in the auto repair industry. Topics include engine theory, automotive service preventive maintenance, brake repair, electrical systems trouble shooting, safety, test equipment, and measuring. Skills in science, mathematics, thinking, and leadership are reinforced in this course. Work-based learning strategies for this course should include field trips, internships, job shadowing, and cooperative on-the-job training. Hands-on work experiences and SkillsUSA leadership activities provide many opportunities to enhance classroom instruction and career development.

***75122A Automotive Service Technology II (Year)**

Grade Level: 11-12

Credit: 4

Prerequisite: Automotive Service Technology I

Course Description: This level II course helps prepare students for Automotive Service Excellence (ASE) technician certification. Automotive Service Technology programs in North Carolina are NATEF (National Automotive Technician Education Foundation) certified. Work-based learning experience strategies appropriate for this course are field trips, job shadowing, internships, cooperative on-the-job training, and apprenticeship. Hands-on work experiences and SkillsUSA leadership activities provide many opportunities to enhance classroom instruction and career development.

75132A Automotive Service Technology III (Year)

Grade Level: 12

Credit: 4

Prerequisite: Automotive Service Technology II

Course Description: This advanced course in auto repair puts emphasis on the practical application of skills and techniques necessary in the automotive industry. Specific instruction is given in engine performance, drive-ability, ignition, and fuel system diagnosis/repair, emission control systems, antilock brakes, electrical diagnosis, steering and suspension. This course further prepares students for Automotive Service Excellence (ASE) certification and further education. Skills in leadership, safety, problem solving, and planning are reinforced in this course. The work-based learning strategies appropriate for this course are cooperative on-the-job training, internships, and apprenticeship. Hands-on work experiences and

SkillsUSA leadership activities provide many opportunities to enhance classroom instruction and career development.

77212A Construction Technology I

Grade Level: 9-11 (NI)

Credit: 1

Course Description: This course provides a basic introduction to construction work and the technical aspects of carpentry. Topics include safety, measurement, and the identification, selection, and use of tools, equipment, lumber, materials, and fasteners. Basic skills, leadership, career development, thinking and reasoning skills, mathematics, and principles of technology are reinforced. Job shadowing is an appropriate work-based learning strategy for this course. Hands-on work experience and SkillsUSA leadership activities provide many opportunities to enhance classroom instruction and career development.

***77222A Construction Technology II (Year)**

Grade Level: 10-12 (NI)

Credit: 4

Prerequisites: Construction Technology I and Algebra I or IB

Course Description: This course covers advanced technical aspects of carpentry with emphasis on development skills introduced in level I. Topics include plans, framing, footings, foundations, roofings, flashing, wall sheathing, insulation, vapor barriers, gypsum board, and underlayment. Skills in measurement, leadership, safety, mathematics, and problem solving are reinforced in this course. Work-based learning strategies appropriate for this course are cooperative education and apprenticeship. Hands-on work experiences and SkillsUSA leadership activities provide many opportunities to enhance classroom instruction and career development. Geometry is a recommended prerequisite.

77232A Construction Technology III (Year)

Grade Level: 11-12 (NI)

Credit: 4

Prerequisites: Construction Technology II

Course Description: This course covers issues related to planning, management, finance, sales, labor, technology, community, health, environment, and safety. Topics include estimating, leveling instruments, forms, special framing, interior and exterior finishing, cabinets, built-ins, and metal studs. Skills in technical subjects, production, leadership, safety, problem solving, reading, and mathematics are reinforced in this course. Work-based learning strategies appropriate for this course are cooperative education and apprenticeship. Hands-on work experiences and SkillsUSA leadership activities provide many opportunities to enhance classroom instruction and career development.

77112A Masonry I

Grade Level: 9-12 (LN, SI, SHS)

Credit: 1

Course Description: This course introduces the nature of masonry technology, materials and supplies, and employability skills. Topics include safety, layout, tools, leveling, plumbing, use of straight-edge, and jointing brick and block in wall construction. Reading, mathematics, problem solving, and principles of technology are reinforced in this course. Job shadowing is an appropriate work-based learning strategy for this course. Hands-on work experiences and SkillsUSA leadership

activities provide many opportunities to enhance classroom instruction and career development.

***77122A Masonry II (Year)**

Grade Level: 10-12 (LN, SI, SHS)

Credit: 4

Prerequisite: Masonry I

Course Description: This course provides a continuation of masonry skills, estimating, blueprint reading, and building codes. Topics include constructing walls, corners, sills, and similar structures using a variety of bonds and materials. Skills in safety, leadership, reading, mathematics, problem solving, and career development are reinforced in this course. Work-based learning strategies appropriate for this course are cooperative education and apprenticeship. Hands-on work experiences and SkillsUSA leadership activities provide many opportunities to enhance classroom instruction and career development. Geometry is a recommended prerequisite.

77132A Masonry III (Year)

Grade Level: 11-12 (SHS, SI)

Credit: 4

Prerequisite: Masonry II

Course Description: This course provides advanced masonry skills, leadership development, and the preparation of technical presentations. Topics include constructing composite walls, steps, arches, lattice walls, sidewalks, brick and concrete pavers, window sills, chimneys, and fireplaces. Skills in safety, mathematics, reading, problem solving, and employability skills are reinforced in this course. Work-based learning strategies appropriate for this course are cooperative education and apprenticeship. Hands-on work experiences and SkillsUSA leadership activities provide many opportunities to enhance classroom instruction and career development.

79212A Drafting I

Grade Level: 10-11

Credit: 1

Recommended: Algebra I

Course Description: This course introduces students to the use of simple and complex graphic tools used to communicate and understand ideas and concepts found in the areas of architecture, manufacturing, engineering, science, and mathematics. Topics include problem-solving strategies, classical representation methods such as sketching, and geometric construction techniques as well as CAD (computer assisted design), orthographic projection, and oblique, isometric and 3-D modeling. Skills in communication, mathematics, science, leadership, and problem solving are reinforced in this course. Job shadowing is an appropriate work-based learning strategy for this course. Hands-on work experiences and SkillsUSA leadership activities provide many opportunities to enhance classroom instruction and career development.

***79622A Drafting – Architectural II**

Grade Level: 11-12

Credit: 1

Prerequisite: Drafting I

Course Description: This course is focused on the principles, concepts, and use of complex graphic tools used in the field of architecture, structural systems, and construction trades. Emphasis is placed on the use of CAD tools in the creation of floor plans, wall sections, and elevation drawings. Mathematics, science, and visual design concepts are reinforced. Work-based learning strategies appropriate for this course are apprenticeship and cooperative education. Hands-on work experiences and SkillsUSA leadership activities provide many opportunities to enhance classroom instruction and career development.

79632A Drafting – Architectural III

Grade Level: 12

Credit: 1

Prerequisite: Drafting – Architectural II

Course Description: This course introduces students to advanced architectural design concepts. Emphasis is placed on the use of CAD tools in the design and execution of site and foundation plans as well as topographical information and detail drawings of stairs and wall sections. Teaming and problem-solving skills are reinforced in this course. Work-based learning strategies appropriate for this course are apprenticeships, internships, and cooperative education. Hands-on work experiences and SkillsUSA leadership activities provide many opportunities to enhance classroom instruction and career development. Geometry is a recommended prerequisite.

***79722A Drafting – Engineering II**

Grade Level: 11-12

Credit: 1

Prerequisite: Drafting I

Course Description: This course focuses on engineering graphics related subjects introducing the student to symbol libraries, industry standards, and sectioning techniques. Topics include coordinate systems, principles of machine processes and gearing, and the construction of 3-D wireframe models using CAD. Mathematics, science, and mechanical engineering concepts involving the working principles and design of cams and gears are reinforced in this course. Work-based learning strategies appropriate for this course are apprenticeship, internships, and cooperative education. Hands-on work experiences and SkillsUSA leadership activities provide many opportunities to enhance classroom instruction and career development.

79732A Drafting – Engineering III

Grade Level: 12

Credit: 1

Prerequisite: Drafting – Engineering II

Course Description: This course introduces the student to advanced engineering concepts. Using CAD tools, topics studied include descriptive geometry, geometric tolerancing, and advanced engineering design concepts such as surface and solid modeling. Science and mathematics concepts are reinforced in this course. Work-based learning strategies appropriate for this course are apprenticeship, internships, and cooperative education. Hands-on work experiences and SkillsUSA leadership activities provide many opportunities to enhance classroom instruction and career development. Geometry is a recommended prerequisite.

79802A Networking I**Grade Level: 10-12 (LN)****Credit: 1**

Course Description: This course provides a broad-based foundation in the engineering and administration of computer network systems. Emphasis is on PC/network hardware and operating systems, architecture, protocols, design and security, and career development. Communication, mathematical, and critical thinking skills are strengthened throughout the course. Work-based learning strategies appropriate for this course are field trips and job shadowing. In addition to simulations, projects, teamwork, SkillsUSA leadership activities, meetings, conferences, and competitions provide opportunities for application of instructional competencies.

79812A Network Engineering Technology II**Grade Level: 11-12 (LN)****Credit: 1****Prerequisite: Network Engineering Technology I or Networking I**

Course Description: This course introduces wide area network fundamentals, advanced router configurations, switched networks, VLANs, and simple network management protocol. Students will receive hands-on experiences in all these areas. Presentation and communication skills needed by a network engineer will also be emphasized. Work-based strategies appropriate for this course are job shadowing, internship, cooperative education, and apprenticeship. Hands-on experiences and SkillsUSA/TSA leadership activities provide many opportunities to enhance classroom instruction and career development

79812B Network Engineering Technology III*Grade Level: 11-12 (LN)****Credit: 1****Prerequisite: Network Engineering Technology II**

Course Description: Through hands-on experiences, this course introduces the concepts of wide area networks, advanced router configurations, switched networks, VLANs, and simple vendor-specific network management protocols. Presentation and communication skills needed by a network engineer will also be emphasized. The expectation of this course sequence is for students to be better prepared for the appropriate industry credentialing exam. Work-based strategies appropriate for this course are internships, cooperative education, and apprenticeship. Hands-on experiences and SkillsUSA leadership activities provide many opportunities to enhance classroom instruction and career development.

79992A Trade and Industrial Advanced Studies*Grade Level: 11-12****Credit: 1****Prerequisite: Three technical credits within Trade and Industrial Education**

Course Description: This culminating, career-focused course for seniors in T&I programs includes a research paper, product, and presentation. Emphasis is on students demonstrating their abilities to use content and apply knowledge to real-world situations. Skills in leadership, writing, speaking, problem solving mathematics, and science are reinforced in this course. It is important to connect work-based learning such as internship, apprenticeship, and cooperative education to this course. Students work under the guidance of a teacher-facilitator in

collaboration with community members, business representatives, and other school-based personnel. Hands-on experiences and SkillsUSA leadership activities provide many opportunities to enhance classroom instruction and career development.

80112A Principles of Technology I

Grade Level: 10-12

Credit: 1

Course Description: This course provides a hands-on approach to understanding principles and concepts of technology and associated mathematics. Emphasis is placed on understanding mechanical, electrical, fluid and thermal systems as they relate to work, force, rate, resistance, energy, and power. Activities are structured to integrate science, mathematics, and language arts. Work-based learning strategies appropriate for this course include job shadowing and field trips. This course and TSA technical and leadership activities enhance the skills of students interested in pursuing technical, engineering, or science related careers. Algebra I is a recommended prerequisite.

***80122A Principles of Technology II**

Grade Level: 11-12

Credit: 1

Prerequisite: Principles of Technology I

Course Description: This course is designed as a continuation of level I. Emphasis is placed on understanding mechanical, electrical, fluid, and thermal systems as they relate to force transformers, momentum, waves and vibrations, energy converters, transducers, radiation theory, optical systems, and time constants. Activities are structured to integrate science, mathematics, and language arts. Work-based learning strategies appropriate for this course include job shadowing, and field trips. This course and TSA activities further enhance the skills essential for success in technical, engineering, and science related fields.

79512A Digital Media I

Grade Level: 10-12 (LN)

Credit: 1

Course Description: This course provides a broad-based foundation in the digital media field. An emphasis is placed on the fundamental concepts of audio and video design, various digital media technologies, non-linear editing, product development and design, and career development. Communication, mathematical, and critical thinking skills are strengthened throughout the course. Work-based learning strategies appropriate for this course are field trips and job shadowing. Local projects and SkillsUSA leadership activities, conferences, and competitions provide opportunities for the application of instructional competencies.

***79522A Digital Media II**

Grade Level: 10-12 (LN)

Credit: 1

Prerequisite: Digital Media I

Course Description: This course provides students with more advanced knowledge in the interactive media industry. Emphasis is placed on advanced audio and video non-linear editing techniques for the media; and commercial and emerging, web-based interactive media. Project planning, design and development prepare students for entry into various IT and communication industries. Work-based strategies appropriate for this course are cooperative education and

apprenticeship. Hands-on work experiences and SkillsUSA leadership activities provide many opportunities to enhance classroom instruction and career development.

OTHER CAREER & TECHNICAL EDUCATION COURSES

65972A Business Co-op Method/Internship

68972A Agricultural Co-op Method/Internship

71972A Family & Consumer Sciences Co-op Method/Internship

79972A Trade & Industrial Co-op Method/Internship

Grade Level: 12

Credit: 1

Prerequisite: Student must be in the second year of a vocational course sequence and have permission from his/her career and technical teacher, the principal, and the career development coordinator.

Course Description: Cooperative workforce development education provides on-the-job training for students through a cooperative agreement among the school, the employer, and the student. A cooperative education coordinator is to be responsible for providing classroom instruction related to the occupation in which the student is placed and for contact with the student and the appropriate supervisor at the training site. Written training agreements and written training plans between the school and the employers should be cooperatively developed and available. Such agreements are to include:

1. Provisions for the employment of student workers in conformity with federal, state, and local laws and regulations and in a manner not resulting in exploitation of such student workers for a private gain.
2. Related occupational instruction in school.
3. Payment of the prevailing wage for employment to student workers and awarding school credit for on-the-job training.

In the classroom, students should receive instruction related to their on-the-job training experiences. A Training plan jointly developed by the teacher coordinator and employer outlines the sequential classroom instruction and on-the-job training a student is to receive. The training plan is the base for evaluating the student's progress, on-the-job and in the classroom. Each cooperative student is to be coordinated and supervised by a teacher coordinator. Co-op students are required to complete a minimum of 135 hours of on-the-job training. Students may receive one unit of credit for each period spent in the classroom and another unit for the on-the-job training component.

***65962A Business Apprenticeship Method**

***68962A Agricultural Apprenticeship Method**

***71962A Family and Consumer Sciences Apprenticeship Method**

***72962A Health Science Apprenticeship Method**

***79962A Trade & Industrial Apprenticeship Method**

Grade Level: 12

Credit: 1

Prerequisite: Student must be in the second year of a vocational course sequence and have permission from his/her career and technical teacher, the principal, and the career development coordinator.

Course Description: Apprenticeship is one of the oldest methods of job training. High school apprenticeship is an industry-driven education and career-training program based on recognized industry standards. It is a means by which employer' address current and projected employment needs. This program is a partnership among business, industry, education, government, parents, and youth apprentices. Some apprenticeship characteristics are:

1. Use of a skilled journeyman to help instruct the apprentice.
2. Combination of classroom related instruction with structured work-based learning.
3. Employment by an employer who has a direct need for trainees in the occupation.
4. Incremental pay scale that increases with skill and knowledge development.
5. Training of highly skilled technician or crafts person.
6. Appropriate for occupations that do require a college degree but require a high level of skill and knowledge.
7. Registration by the North Carolina Department of Labor, Apprenticeship and Training Division. The Division provides free assistance to the employer and to the apprentice and certifies both the training program and the newly trained journeyman.
8. High school apprenticeship hours and experiences may be applied to the adult apprenticeship leading to a completed journeyman certificate.
9. Apprenticeship students are required to complete at least 135 hours of on-the-job training. They must be at least 16 years of age in order to participate in the apprenticeship program.

MITCHELL COMMUNITY COLLEGE

Huskins Courses: 2004-2005

University Bound Courses

The courses available under the University Bound category have been approved to satisfy the Comprehensive Articulation Agreement general education core requirement or pre-major and/or elective course requirements. The Comprehensive Articulation Agreement specifies that the North Carolina Community College System courses designated as General Education Core Courses can be used for transfer of semester credit hours to any of the 16 institutions of the University of North Carolina system. The student should refer to the most recent catalog of the university they plan to attend, to ensure that the courses selected apply to the program of study they plan to participate in at the university they plan to attend.

CIS 110 Introduction to Computers (Fall)

This course provides an introduction to computers and computing. Topics include the impact of computers on society, ethical issues, and hardware/software applications, including spreadsheets, databases, word processors, graphics, the Internet, and operating systems. Upon completion, students should be able to demonstrate an understanding of the role and function of computers and use the computer to solve problems. *This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in natural science/mathematics.*

CJC 111 Introduction to Criminal Justice (Fall)

This course introduces the components and processes of the criminal justice system. Topics include history, structure, functions, and philosophy of the criminal justice system and their relationship to life in our society. Upon completion, students should be able to define and describe the major system components and their interrelationships and evaluate career options. *This course has been approved to satisfy the Comprehensive Articulation Agreement pre-major and/or elective course requirement.*

CJC 141 Corrections (Spring)

This course covers the history, major philosophies, components, and current practices and problems of the field of corrections. Topics include historical evolution, functions of the various components, alternatives to incarceration, treatment programs, inmate control, and other related topics. Upon completion, students should be able to explain the various components, processes, and functions of the correctional system. *This course has been approved to satisfy the Comprehensive Articulation Agreement pre-major and/or elective course requirement.*

HIS 121 Western Civilization I (Fall)

This course introduces western civilization from pre-history to the early modern era. Topics include ancient Greece, Rome, and Christian institutions of the Middle Ages and the emergence of national monarchies in western Europe. Upon completion, students should be able to analyze significant political, socioeconomic, and cultural developments in early western civilization. *This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in social/behavioral sciences.*

HIS 122 Western Civilization II (Spring)

This course introduces western civilization from the early modern era to the present. Topics include the religious wars, the Industrial Revolution, World Wars I and II, and the Cold War. Upon completion, students should be able to analyze significant political, socioeconomic, and cultural developments in modern western civilization. *This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in social/behavioral sciences.*

MAT 151 Statistics I (Spring)

Prerequisites: MAT 161 or MAT 080 and MAT 161

This course provides a project-based approach to the study of basic probability, descriptive and inferential statistics, and decision making. Emphasis is placed on measures of central tendency and dispersion, correlation, regression, discrete and continuous probability distributions, quality control, population parameter estimation, and hypothesis testing. Upon completion, students should be able to describe important characteristics of a set of data and draw inferences about a population from sample data. *This*

course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in natural sciences/mathematics.

MAT 161 College Algebra (Fall)

This course provides an integrated technological approach to algebraic topics used in problem solving. Emphasis is placed on equations and inequalities; polynomials, rational, exponential and logarithmic functions; and graphing and data analysis/modeling. Upon completion, students should be able to choose an appropriate model to fit a data set and use the model for analysis and prediction. Core credit will not be given for MAT 161 and MAT 175. *This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in natural sciences/mathematics.*

PSY 150 General Psychology (Spring)

This course provides an overview of the scientific study of human behavior. Topics include history, methodology, biopsychology, sensation, perception, learning, motivation, cognition, abnormal behavior, personality theory, social psychology, and other relevant topics. Upon completion, students should be able to demonstrate a basic knowledge of the science of psychology. *This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in social/behavioral sciences.*

SOC 210 Introduction to Sociology (Fall)

This course introduces the scientific study of human society, culture, and social interactions. Topics include socialization, research methods, diversity and inequality, cooperation and conflict, social change, social institutions, and organizations. Upon completion, students should be able to demonstrate knowledge of sociological concepts as they apply to the interplay among individuals, groups, and societies. *This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in social/behavioral sciences.*

Career Bound Courses

The courses available under the Career Bound category are transferable to appropriate Associate in Applied Sciences programs at Mitchell Community College and other community colleges within North Carolina. The student should refer to the most recent Mitchell Community College catalog to ensure that the courses selected apply to the program of study they will enter upon high school graduation.

BIO 168 Anatomy and Physiology I (Fall)

Prerequisites: RED 090 or a satisfactory score on the college placement test

This course provides a comprehensive study of the anatomy and physiology of the human body. Topics include body organization, homeostasis, cytology, histology, and the integumentary, skeletal, muscular, and nervous systems and special senses. Upon completion, students should be able to demonstrate an in-depth understanding of principles of anatomy and physiology and their interrelationships. *This course has been approved to satisfy the Comprehensive Articulation Agreement for transferability as a premajor and/or elective course requirement.*

BIO 169 Anatomy and Physiology II (Spring)

Prerequisites: BIO 168

This course provides a comprehensive study of the anatomy and physiology of the human body. Topics include body organization, homeostasis, cytology, histology, and the integumentary, skeletal, muscular, and nervous systems and special senses. Upon completion, students should be able to demonstrate an in-depth understanding of principles of anatomy and physiology and their interrelationships. *This course has been approved to satisfy the Comprehensive Articulation Agreement for transferability as a premajor and/or elective course requirement.*

BPR 111 Blueprint Reading (Fall)

This course introduces the basic principles of blueprint reading. Topics include line types, orthographic projections, dimensioning methods, and notes. Upon completion, students should be able to interpret basic blueprints and visualize the features of a part.

BUS 137 Principles of Management (Spring)

This course is designed to be an overview of the major functions of management. Emphasis is placed on planning, organizing, controlling, directing, and communicating. Upon completion, students should be able to work as contributing members of a team utilizing these functions of management.

CIS 120 Spreadsheet I (Spring)

This course introduces basic spreadsheet design and development. Topics include writing formulas, using functions, enhancing spreadsheets, creating charts, and printing. Upon completion, students should be able to design and print basic spreadsheets and charts.

COS 111A Cosmetology Concepts (Fall)**COS 111B Cosmetology Concepts (Spring)**

Corequisites: COS 112

This course introduces basic cosmetology concepts. Topics include safety, first aid, sanitation, bacteriology, anatomy, diseases and disorders, hygiene, product knowledge, chemistry, ethics, manicures, and other related topics. Upon completion, students should be able to safely and competently apply cosmetology concepts in the salon setting..

COS 112A Cosmetology Concepts (Fall)**COS 112B Cosmetology Concepts (Spring)**

Corequisites: COS 111

This course introduces basic salon services. Topics include scalp treatments, shampooing, rinsing, hair color, design, haircutting, permanent waving, pressing, relaxing, wigs, and other related topics. Upon completion, students should be able to safely and competently demonstrate salon services.

EDU 146 Child Guidance (Fall)

This course introduces practical principles and techniques for developmentally appropriate guidance. Emphasis is placed on encouraging self-esteem and cultural awareness, effective communication skills, and direct and indirect guidance techniques and strategies. Upon completion, students should be able to demonstrate strategies which encourage positive social interactions, promote conflict resolution, and develop self-control, self-motivation, and self-esteem in children.

EDU 151 Creative Activities(Spring)

This course covers creative learning environments, planning and implementing developmentally appropriate experiences, and developing appropriate teaching materials for the classroom. Emphasis is placed on creative activities for children in art, music, movement and physical skills, and dramatics. Upon completion, students should be able to select and evaluate developmentally appropriate learning materials and activities.

ELC 113A Basic Wiring I: Residential (Fall)**ELC 113B Basic Wiring I: Residential (Spring)**

This course introduces the care/usage of tools and materials used in electrical installations and the requirements of the National Electrical Code. Topics include NEC, electrical safety, and electrical blueprint reading; planning, layout; and installation of electrical distribution equipment; lighting; overcurrent protection; conductors; branch circuits; and conduits. Upon completion, students should be able to properly install conduits, wiring, and electrical distribution equipment associated with basic electrical installations.

MAC 121 Introduction to CNC (Spring)

This course introduces the concepts and capabilities of computer numerical control machine tools. Topics include setup, operation, and basic applications. Upon completion, students should be able to explain operator safety, machine protection, data input, program preparation, and program storage.

MKT 120 Principles of Marketing (Spring)

This course introduces principles and problems of marketing goods and services. Topics include promotion, placement, and pricing strategies for products. Upon completion, students should be able to apply marketing principles in organizational decision making.

**COLLEGE TECH PREP
ARTICULATION/ADVANCED PLACEMENT TO
MITCHELL COMMUNITY COLLEGE**

Listed below are the Career and Technical Education courses which have been recognized by Mitchell Community College for College Tech Prep Advanced Placement Credit (college credit) for the corresponding Mitchell Community College courses. Upon admission to MCC, college credit will be awarded to students who have demonstrated mastery of standards while in high school. There is a three (3) year limit on the use of these high school courses for advanced placement.

High School Course	Advanced Placement Standard	MCC
Course Drafting I and Drafting II	VoCATS Raw Score of 85 with Mastery Level of 80	Drafting 111 Drafting 151 Drafting 119
Keyboarding OfficeTech131	Grade of 90 and Performance Test Score of 25 WAM with 3 errors or less	
Business Management 181 and Applications	Final Grade of 93 & Performance Test Score of 25 WAM with 3 errors or less	Office Tech
Principles of Physics 121 Technology I & II	85 Average Grade on PT II & 80% Objectives Mastered on VoCATS for PTII	Physics 131
Allied Health Sciences I & II	85 Average Grade on AHS II & 80% Objectives Mastered on VoCATS for AHS II	Nursing 101 Nursing 215

Career & Technical Education Pathway Courses For Students Entering 9th Grade Prior to 2004

Agricultural and Natural Resources Technologies Pathway *Agricultural Education*

No.	Course
6411	Computer Applications I
6512	Keyboarding – HS
6810	Agriscience Applications
6811	Agricultural Production & Management I
6812	Agricultural Production & Management II*
6821	Animal Science I
6822	Animal Science II*
6841	Horticulture I
6842	Horticulture II*
6851	Environmental & Natural Resources I
6852	Environmental & Natural Resources II*
6882	Landscape Construction and Maintenance*
6809	Turf Grass Management*
6896	Agricultural Apprenticeship Method*
6897	Agricultural Co-op Method
6899	Agricultural Advanced Studies*

Biological and Chemical Technologies Pathway *Family & Consumer Sciences Education*

No.	Course
6411	Computer Applications I
6512	Keyboarding – HS
7045	Foods and Nutrition
7075	Food Science
7196	Family and Consumer Sciences Apprenticeship Method*
7197	Family and Consumer Sciences Co-op Method
7199	Family and Consumer Sciences Advanced Studies*
8011	Principles of Technology I

Business Technologies Pathway *Business Education, Marketing Education*

No.	Course
6200	Principles of Business
6215	Business Law
6225	Business Management and Applications*
6311	Computerized Accounting I
6312	Computerized Accounting II*
6411	Computer Applications I
6412	Computer Applications II*
6415	e-Commerce
6512	Keyboarding – HS
6535	Business and Electronic Communications
6596	Business Apprenticeship Method*
6597	Business Co-op Method
6621	Marketing
6622	Marketing Management*

Commercial and Artistic Production Technologies Pathway
Family & Consumer Sciences Education, Trade & Industrial Education

No.	Course
6411	Computer Applications I
6512	Keyboarding – HS
7055	Interior Design and Housing
7196	Family and Consumer Sciences Apprenticeship Method*
7197	Family and Consumer Sciences Co-op Method
7199	Family and Consumer Sciences Advanced Studies*
7921	Drafting I
7951	Digital Media I
7952	Digital Media II*
7996	Trade & Industrial Apprenticeship Method*
7997	Trade & Industrial Co-op Method
7999	Trade & Industrial Advanced Studies*

Construction Technologies Pathway
Trade & Industrial Education

No.	Course
6411	Computer Applications I
6512	Keyboarding – HS
7711	Masonry I
7712	Masonry II*
7713	Masonry III
7721	Construction Technology I
7722	Construction Technology II*
7723	Construction Technology III
7921	Drafting I
7962	Drafting – Architectural II*
7963	Drafting – Architectural III
7996	Trade & Industrial Apprenticeship Method*
7997	Trade & Industrial Co-op Method
7999	Trade & Industrial Advanced Studies*
8011	Principles of Technology I

Engineering Technologies Pathway
Agricultural Education, Technology Education, Trade & Industrial Education

No.	Course
6411	Computer Applications I
6512	Keyboarding – HS
6831	Agricultural Engineering I
6832	Agricultural Engineering II*
6896	Agricultural Apprenticeship Method:
6897	Agricultural Co-op Method
6899	Agricultural Advanced Studies*
7921	Drafting I
7972	Drafting – Engineering II*
7973	Drafting – Engineering III
7980	Network Engineering Technology I (LN)
7981	Network Engineering Technology II* (LN)
7996	Trade & Industrial Apprenticeship Method*
7997	Trade & Industrial Co-op Method
7999	Trade & Industrial Advanced Studies*
8011	Principles of Technology I
8012	Principles of Technology II*

Health Sciences Pathway
Health Occupations Education

No.	Course
6411	Computer Applications I
6512	Keyboarding – HS
7045	Foods and Nutrition
7065	Parenting and Child Development
7200	Biomedical Technology (NI, SHS)
7210	Health Team Relations
7211	Allied Health Sciences I
7212	Allied Health Sciences II*
7296	Health Science Apprenticeship Method*
7299	Health Science Advanced Studies*

Industrial Technologies Pathway
Trade & Industrial Education

No.	Course
6411	Computer Applications I
6512	Keyboarding – HS
7921	Drafting I
7996	Trade & Industrial Apprenticeship Method*
7997	Trade & Industrial Co-op Method
7999	Trade & Industrial Advanced Studies*
8011	Principles of Technology I
8012	Principles of Technology II*

Public Service Technologies Pathway

Family & Consumer Sciences Education, Trade and Industrial Education

No.	Course
6411	Computer Applications I
6512	Keyboarding – HS
7015	Teen Living
7035	Clothing Design
7045	Foods & Nutrition
7055	Interior Design and Housing
7065	Parenting & Child Development
7085	Life Management
7111	Early Childhood Ed. I
7112	Early Childhood Ed. II*
7196	Family & Consumer Sciences Apprenticeship Method*
7197	Family & Consumer Sciences Co-op Method
7199	Family & Consumer Sciences Advanced Studies*
COS111A/112A	Cosmetology Concepts I (MCC Campus)
COS111B/112B	Cosmetology Concepts II (MCC Campus)

Transport Systems Technologies Pathway
Trade & Industrial Education

No.	Course
6411	Computer Applications I
6512	Keyboarding – HS
7511	Automotive Service Technology I
7512	Automotive Service Technology II*
7513	Automotive Service Technology III
7921	Drafting I
7996	Trade & Industrial Apprenticeship Method*
7997	Trade & Industrial Co-op Method
7999	Trade & Industrial Advanced Studies*
8011	Principles of Technology I

Career & Technical Education Pathway Courses For Students Entering 9th Grade in 2004-2008

Agricultural and Natural Resources Technologies Pathway

No.	Course
61452A	Career Management
62352A	Small Business/Entrepreneurship
64112A	Computer Applications I
65352D	Digital Communication Systems
68102A	Agriscience Applications
68212A	Animal Science I
68222A	Animal Science II*
68232A	Animal Science II—Small Animal*
68212E	Equine Science I
68222E	Equine Science II*
68312A	Agricultural Mechanics I
68322A	Agricultural Mechanics II*
68322B	Agricultural Mechanics II—Small Engines*
68412A	Horticulture I
68422A	Horticulture II*
68432B	Horticulture II—Turf Grass*
68512A	Environmental & Natural Resources I
68522A	Environmental & Natural Resources II*
68822A	Horticulture II—Landscape Construction*
68962A	Agricultural Apprenticeship Method*
68972A	Agricultural Co-op Method/Internship
68992A	Agricultural Advanced Studies*
79212A	Drafting I

Biological and Chemical Technologies Pathway

No.	Course
61452A	Career Management
62352A	Small Business/Entrepreneurship
64112A	Computer Applications I
65352D	Digital Communication Systems
70152A	Teen Living
70452A	Foods I—Fundamentals
70852A	Life Management
71962A	Family And Consumer Sciences Apprenticeship Method*
71972A	Family and Consumer Sciences Co-op Method/Internship
71992A	Family and Consumer Sciences Advanced Studies*
72002A	Biomedical Technology
80112A	Principles of Technology I

Business Technologies Pathway

No.	Course
61452A	Career Management
62002A	Principles of Business and Personal Finance
62152A	Business Law
62252A	Business Management and Applications*
62352A	Small Business/Entrepreneurship*
63112A	Computerized Accounting I
63122A	Computerized Accounting II*
79802A	Networking I
64112A/64112B	Computer Applications I
64122A	Computer Applications II*
65352D	Digital Communication Systems
64002A	e-Commerce I
64002B	e-Commerce II*
65962A	Business Apprenticeship Method*
65972A	Business Co-op Method/Internship
66212A	Marketing
66222A	Marketing Management*
66452A	Sports and Entertainment Marketing I
66452B	Sports and Entertainment Marketing II*
79812A	Network Engineering Technology II

Commercial and Artistic Production Technologies Pathway

No.	Course
61452A	Career Management
62352A	Small Business/Entrepreneurship
64112A	Computer Applications I
65352D	Digital Communication Systems
70152A	Teen Living
70352A	Apparel Development I
70552A	Housing and Interiors I
70852A	Life Management
71962A	Family and Consumer Sciences Apprenticeship Method*
71972A	Family and Consumer Sciences Co-op Method/Internship
71992A	Family and Consumer Sciences Advanced Studies*
79212A	Drafting I
79512A	Digital Media I
79522A	Digital Media II*
79962A	Trade & Industrial Apprenticeship Method*
79972A	Trade & Industrial Co-op Method/Internship
79992A	Trade & Industrial Advanced Studies*

Construction Technologies Pathway

No.	Course
61452A	Career Management
62352A	Small Business/Entrepreneurship
64112A	Computer Applications I
65352D	Digital Communication Systems
68312A	Agricultural Mechanics I
70552A	Housing and Interiors I
77112A	Masonry I
77122A	Masonry II*
77132A	Masonry III
77212A	Construction Technology I
77222A	Construction Technology II*
77232A	Construction Technology III
79212A	Drafting I
79622A	Drafting II – Architectural*
79632A	Drafting III– Architectural
79962A	Trade & Industrial Apprenticeship Method*
79972A	Trade & Industrial Co-op Method/Internship
79992A	Trade & Industrial Advanced Studies*
80112A	Principles of Technology I

Engineering Technologies Pathway

No.	Course
61452A	Career Management
62352A	Small Business/Entrepreneurship
64112A	Computer Applications I
65352D	Digital Communication Systems
79212A	Drafting I
79512A	Digital Media I
79722A	Drafting II– Engineering*
79732A	Drafting III – Engineering
79802A	Networking I (LN)
79812A	Network Engineering Technology II*
79812B	Network Engineering Technology III
79962A	Trade & Industrial Apprenticeship Method*
79972A	Trade & Industrial Co-op Method/Internship
79992A	Trade & Industrial Advanced Studies*
80112A	Principles of Technology I
80122A	Principles of Technology II*

Health Sciences Pathway

No.	Course
61452A	Career Management
62352A	Small Business/Entrepreneurship
64112A	Computer Applications I
65352D	Digital Communication Systems
70452A	Foods I--Fundamentals
70652A	Parenting and Child Development
72002A	Biomedical Technology (NI, SHS)
72102A	Health Team Relations
72112A	Allied Health Sciences I
72122A	Allied Health Sciences II*
72962A	Health Science Apprenticeship Method*
72992A	Health Science Advanced Studies*

Industrial Technologies Pathway

No.	Course
61452A	Career Management
62352A	Small Business/Entrepreneurship
64112A	Computer Applications I
65352D	Digital Communication Systems
79212A	Drafting I
79962A	Trade & Industrial Apprenticeship Method*
79972A	Trade & Industrial Co-op Method/Internship
79992A	Trade & Industrial Advanced Studies*
80112A	Principles of Technology I
80122A	Principles of Technology II*

Public Service Technologies Pathway

No.	Course
61452A	Career Management
62352A	Small Business/Entrepreneurship
64112A	Computer Applications I
65352D	Digital Communication Systems
70152A	Teen Living
70352A	Apparel Development I
70452A	Foods I—Fundamentals
70552A	Housing and Interiors I
70652A	Parenting & Child Development
70852A	Life Management
71112A	Early Childhood Education I
71122A	Early Childhood Education II*
71962A	Family & Consumer Sciences Apprenticeship Method*
71972A	Family & Consumer Sciences Co-op Method/Internship
71992A	Family & Consumer Sciences Advanced Studies*
COS111A/112A	Cosmetology Concepts I (MCC Campus)
COS111B/112B	Cosmetology Concepts II (MCC Campus)

Transport Systems Technologies Pathway

No.	Course
61452A	Career Management
62352A	Small Business/Entrepreneurship
64112A	Computer Applications I
65352D	Digital Communication Systems
75112A	Automotive Service Technology I
75122A	Automotive Service Technology II*
75132A	Automotive Service Technology III
79212A	Drafting I
79962A	Trade & Industrial Apprenticeship Method*
79972A	Trade & Industrial Co-op Method/Internship
79992A	Trade & Industrial Advanced Studies*
80112A	Principles of Technology I

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