

McBEE HIGH SCHOOL

COURSEGUIDE

2017-2018
Programs of Study
for Grades 9-12

College and Career Readiness: Changes Ahead



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McBee High School REPORT OF PRINCIPAL

- McBee High School continues to be successful in all areas – arts, academics, and athletics – we have worked hard to excel and achieve the best possible results. Excellence is always our goal.
- Academically, MHS students and teachers have worked extremely hard to teach and master standards and participate in productive learning and growth experiences. Our seniors continue to be competitive with expected graduates from other schools, as evidenced by the large number of scholarships and recognitions they have received (more than \$1 million dollars, total). Such recognitions are not unique to our senior class, but rather are noticed through all of the 7-12 classifications.
- Ancillary organizations, such as FBLA and FFA, further use academics as the base for their programs and achieve similar successes in state and national competitions. In short, our academic programs are extremely competitive with other

areas of writing argument, information/explanation, and narrative. As students progress toward grades 9-12, the emphasis on writing shifts to focus overwhelmingly on writing to argue, inform and explain. This emphasis is in accordance with NAEP's shifting emphasis.

Research and media skills integrated into the Standards as a whole.

In college and the workforce, students will need to research information and must consume and produce media. As media is embedded into every element of today's curriculum, it is also embedded throughout the Standards rather than treated as a separate session.

Recognition that both content and skills are important.

The Standards require certain critical content for all students, including classic myths and stories from around the world. America's Founding Documents,

American Literature and Shakespeare. Appropriately, the remaining crucial decisions about what content should be taught are left to state and local determination. In addition to content coverage, the Standards require that students systematically acquire knowledge in literature and other disciplines through reading, writing, speaking and listening.

Benefits of the SC College & Career Ready State Standards

The SCCCRC Initiative is a state-led effort coordinated by the National Governors Association (NGA) and the Council of Chief State School Officers (CCSSO).

- Preparation: The standards are college-or-career ready.
- Competition: The standards are internationally benchmarked.
- Equity: The expectations of the standards are consistent for all and not dependent on

schools, and in many ways exceed them. The music department continues to be a perfect example of striving for excellence. The "Spirit" marching band continues to grow into one of the finest band programs in the area – the only one to achieve the Outstanding Performance Award (OPA), which is the highest honor given in the state of South Carolina. Other ensembles achieved similar accolades, with many students being named to honors ensembles in both the region and the state. Coupled with successes in the art program, which produced several contest winners in county and regional competitions, it is fair to say that the arts programs are a great benefit to our school.

Lastly, our athletic programs also have achieved great success. Several programs had successful seasons which included qualifying for post-season play and advanced therein. Both individually and collectively, our student-athletes have demonstrated hard work, determination, and sportsmanship (the most important of these elements) as they have represented our school on the athletic fields

- a student's zip code.
- Clarity: The standards are focused, coherent, and clear.
- Collaboration: The standards create a foundation to work collaboratively across states and districts.

Benefits for South Carolina

The SCCCRC are a clear set of shared goals and expectations of the knowledge and skills that will help students succeed in English language arts and mathematics.

The SCCCRC have been built from the best state standards in the country. They are evidence-based, aligned with college and work expectations, and include rigorous content and skills. Common standards will ensure more consistent exposure to material and learning experiences for all.

For More Information Contact:

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GENERAL INFORMATION

Curriculum Offerings

Chesterfield County School District has curriculum offerings in **honors and college prep**. These curriculum options require the same number of units for graduation, and they stress strong preparations in English, mathematics, social studies, and the sciences. Students are urged to select the highest level of academic course work they can handle successfully and to select Career and Technical Education courses related to career goals. Course offerings prepare students for post secondary institutions and the workplace.

Career and Technical Education

The mission of Career and Technical Education in Chesterfield County School District is to prepare students for post-secondary study and/or workforce entry in a global environment, to promote lifelong learning, and to enhance economic development.

Courses in the Career and Technical Education curriculum are critical to your **Personal Pathway to Success** and our state's economic success. Opportunities for rewarding careers exist for young people who are prepared to enter a technologically demanding workforce that is responsive to the needs of a dynamic economy. Technology education is the centerpiece of our skills education delivery system.

Chesterfield County School District welcomes and encourages the participation of all students in the Career and Technical Education program. It is our goal to provide outstanding educational opportunities for all students regardless of their race, creed, national origin, gender, handicap, or disadvantaged condition.

Exceptional Education Curriculum

Chesterfield County School District's Exceptional Education Program provides a tiered support service for individuals with a documented disability as recognized by the State of South Carolina. Curricula are tailored to the needs of the individual students served as outlined by the Individualized Education Plan. Students are enrolled in a program that is specifically designed to instruct them in their areas of weaknesses while providing them the needed supports to ensure progress within the general curriculum. Students receive instruction in the least restrictive environments which are: consultative, inclusion, resource, and self-contained. All courses of study within the Exceptional Education Department are linked to the students' interests and preferences in order to prepare them for the workforce and/or post-secondary learning.

erences in order to prepare them for the workforce and/or post-secondary learning.

Guidance Services

The purpose of guidance services is to aid the total educational program in helping students fulfill their potential for growth. Professionally trained counselors are available during the school day and before and after school.

Guidance counselors and career specialists work with teachers and administrators to serve the needs of students best. Services include, but are not limited to, career development activities and counseling, job shadowing, personal counseling, work-based activities, referral services, academic counseling, college counseling, scholarship and financial aid information, study skills, parenting information, placement, orientation for new students, test preparation for college admission testing, crisis counseling, parent conferences, individual assessment, group activities, test interpretation, career assessment activities, access to the job development program, recommendations for college admissions and scholarships, presentations to community groups and organizations, and the maintenance of student records, including the student's individual graduation plan.

The written consent of a parent is required before the school can release a student's record to anyone outside designated educational categories. The student, upon reaching 18, must give consent for the release of information.

Schedule Changes

Students are encouraged to choose courses carefully during the registration period. It is the individual student's responsibility to ensure that selected courses meet requirements for graduation and college admission.

Schedule changes are limited because of conflicts in the master schedule and enrollment numbers.

Some course offerings may not be scheduled because of low enrollment. In this case, alternate selections made by the student during registration will be used.

First priority for schedule changes will be given to seniors who need a required course for graduation.

Promotion Standards

Students must meet minimum credit standards listed below in order to be promoted each year:

- Sophomore:**
6 units, including 1 unit of English and 1 unit of math
- Junior:**
12 units, including 2 units of English and 2 units of math
- Senior:**
18 units, including 3 units of English and 3 units of math

Academic Achievement Honors Award

In order to receive an Academic Achievement Honors Award, a student must:

1. complete a minimum of 24 units as prescribed
2. receive a minimum grade of "B" for each semester course in grades 9-12 through the seventh semester,
3. earn either a score of 710 on the SAT Verbal or a score of 690 on the SAT Math or an ACT score of 30 on English or a 33 on the Mathematics or earn a combined score of 1400 on the SAT or a composite score of 31 on the ACT.

Of the 24 units earned, 18 must be college preparatory coursework, 4 units in additional electives, and 2 units in one or more of the following subjects: English, science, social studies, or mathematics.

College preparatory course work includes English (four units in English 1 and above); mathematics (four units in Algebra 1 and above); laboratory science (three units); social studies (three units: one unit in United States/South Carolina studies, one-half unit in economics, one-half unit in American government, and one unit in either global studies/world history, global studies/world geography, or Western civilization); computer science (one unit); physical education (one unit); and modern and classical language (two units).

Attendance Policy

By state regulation, students must be in attendance 120 hours for each full-unit course in order to receive credit and 60 hours for a half-unit course; therefore, students with semester courses (Block Schedule) must be in attendance 85 days for each full-unit class and 42 days for each half-unit class. Students are allowed 5 days of absences for a full-unit class, and 3 days of absences for a half-unit class.

Students with year-long courses (7 Period Schedule) must be in attendance 170 days for each full-unit class and 85 days for each half-unit class. Students are allowed 10 days of absences for a full-unit class, and 5 days of absences for a half-unit class.

All absences will be handled by the principal in accordance with state and district attendance policies. (If a student has excessive absences in a class, an "FA" will appear on the student's transcript. If a student earned a passing grade, the quality points used for GPA will be those equivalent to a 51.)

Athletic Eligibility Regulations

1. To be eligible in the first semester a student must pass a minimum of five Carnegie units applicable toward a high school diploma during the previous year. At least two units must have been passed during the second semester or summer school.

To be eligible during the second semester the student must meet one of the following conditions:

- a. If the student met first semester eligibility requirements then he or she must pass the equivalent of four, 1/2 units during the first semester.
 - b. If the student did not meet first semester eligibility requirements then he or she must pass the equivalent of five, 1/2 units during the first semester.
2. Students must satisfy eligibility requirements in the semester preceding participation.
 - a. Credits earned in a summer school approved by the State Department of Education may apply for the first semester eligi-

GENERAL INFORMATION *(continued)*

bility. A maximum of two units per year may be used.

- b. Students eligible for a first semester sport will be permitted to complete that sport even if it extends into the second semester. Under the current League program, this will apply to participants in basketball and wrestling in the high school and middle school programs.

In most cases on a traditional or AB block schedule, the following example would apply:

- If eligible first semester, must pass four subjects.
- If not eligible first semester, must pass five subjects.

Remediation Requirements

Standardized test scores are used to identify students who need extra help to achieve the required level of performance. Students who are below standard in reading should take an additional course in English Enrichment. Students who are below standard in math should take Math Enrichment in addition to the regular math class. These courses count as elective units. Students also receive remediation through their required language arts and mathematics classes, as well as in the computer labs.

Early Dismissal

Students that have earned senior classification are eligible for a one period early dismissal per semester provided the following conditions are met: all fees have been paid, good attendance and discipline records are maintained, and passing grades are earned in all courses taken during the senior year.

All seniors must take six courses (three each semester) unless one of the following is met: the student attends college or technical college (proof of registration required), participates in internships (placement through High School Career Specialist), or is employed (written parental permission and statement from employer). These seniors must take four courses (two each semester).

Student Fees

All high school students in Chesterfield County School District are assessed an instruc-

tional fee each year, payable at the beginning of the school year. Other fees may include a parking permit for students who wish to drive to school and a locker fee.

Exam Exemption Policy

Final exams are mandatory for all secondary students (grades 9-12) with the exception of those meeting exemption criteria.

For a senior to exempt, he/she must meet the following criteria:

- Have a "B" average in the course.
- Total absences (excused and unexcused) may not exceed two in a nine week course, four in a semester course, and eight in a year long course.

All exams count 20% of the student's grade.

Participation in Graduation Ceremonies

Only those students who pass all of the units required for a diploma will be allowed to participate in the graduation ceremonies held at the end of the school year.

In order to participate in a graduation exercise conducted by any high school in the Chesterfield County School District, students

Must pass all of the unit requirements for a diploma established by the South Carolina State Department of Education.

Must be actively enrolled during the school year in which they wish to participate.

Must have no disciplinary action pending at the time the graduation exercise is held.

Must have no financial indebtedness to the school at the time of graduation.

Certificate-track exceptional education students may participate in the graduation ceremony upon completion of their individual education plan.

Each high school principal will be responsible for ordering diplomas for his summer school students. The Director of Adult Education will be responsible for ordering all other diplomas.

Graduation Requirements

To be eligible to receive a South Carolina High School Diploma, students must earn 24 units and demonstrate proficiency in computer literacy. Based on state law, requirements to receive a South Carolina High School Diploma (graduation requirements) for students in Grades 9 through 12 are prescribed as follows

Language Arts	4 units
Mathematics	4 units
Natural Science	3 units
U.S. History	1 unit
Government5 unit
Economics5 unit
Other Social Studies	1 unit
Physical Education	1 unit
or J.R.O.T.C.	
Computer Science	1 unit
Modern and Classical	1 unit
Language* or	
Career & Tech. Elective**	
Other Electives	7 units
Total Required	24 units

*Most four-year institutions require two or three years of the same language as part of their entrance requirements.

** Students planning to attend a two-year institution, e.g., Northeastern Technical College (NETC), or who are planning to enter the workforce immediately must earn at least one unit in a Career and Technology area. Generally, this additional unit would be a fourth unit in the same career and technology area in which the student has earned at least three units in a major or career cluster.

Uniform Grading Scale for all South Carolina Students

A	90- 100
B	80 - 89
C	70 - 79
D	60 - 69
F	below 60

Use of Non-Numeric Codes in High School Grade Reporting Incomplete (I)

Indicates that the student's mark for this reporting period is not being reported at this time due to work that must be completed by the student.

Withdrew Passing (WP)

Indicates that the student did not complete the course but had a passing grade at the time of withdrawal. The grade of WP will carry no Carnegie units and no quality points to be factored into the student's GPA.

Withdrew Failing (WF)

Indicates that the student did not complete the course and is assigned a failing grade in the class due to his or her withdrawal. The grade of WF will carry no Carnegie units but will be factored into the student's GPA as a 51.

Failure Due to Excessive Absences (FA)

Indicates that the student received a final passing grade in the class but credit is being denied due to excessive absences in this class. An "FA" will appear on the student's transcript, and the grade will be converted to a 51.

Exempted Exam (EX)

Indicates that the student has fulfilled whatever academic and attendance requirements that exist allowing him/her to exempt the indicated exam in the class.

Grade Point Conversion Chart

Chesterfield County School District has fully implemented the state's Uniform Grading Policy developed for all South Carolina high school students. Grade point ratios are computed for all students seeking a high school diploma. The Uniform Grading Policy scale is as follows:

GENERAL INFORMATION *(continued)*

Numerical Average	Letter Grade	College Prep	Honors	Dual Credit/ AP/IB
100	A	5.000	5.500	6.000
99	A	4.900	5.400	5.900
98	A	4.800	5.300	5.800
97	A	4.700	5.200	5.700
96	A	4.600	5.100	5.600
95	A	4.500	5.000	5.500
94	A	4.400	4.900	5.400
93	A	4.300	4.800	5.300
92	A	4.200	4.700	5.200
91	A	4.100	4.600	5.100
90	A	4.000	4.500	5.000
89	B	3.900	4.400	4.900
88	B	3.800	4.300	4.800
87	B	3.700	4.200	4.700
86	B	3.600	4.100	4.600
85	B	3.500	4.000	4.500
84	B	3.400	3.900	4.400
83	B	3.300	3.800	4.300
82	B	3.200	3.700	4.200
81	B	3.100	3.600	4.100
80	B	3.000	3.500	4.000
79	C	2.900	3.400	3.900
78	C	2.800	3.300	3.800
77	C	2.700	3.200	3.700
76	C	2.600	3.100	3.600
75	C	2.500	3.000	3.500
74	C	2.400	2.900	3.400
73	C	2.300	2.800	3.300
72	C	2.200	2.700	3.200
71	C	2.100	2.600	3.100
70	C	2.000	2.500	3.000
69	D	1.900	2.400	2.900
68	D	1.800	2.300	2.800
67	D	1.700	2.200	2.700
66	D	1.600	2.100	2.600
65	D	1.500	2.000	2.500
64	D	1.400	1.900	2.400
63	D	1.300	1.800	2.300
62	D	1.200	1.700	2.200
61	D	1.100	1.600	2.100
60	D	1.000	1.500	2.000
59	F	0.900	1.400	1.900
58	F	0.800	1.300	1.800
57	F	0.700	1.200	1.700
56	F	0.600	1.100	1.600
55	F	0.500	1.000	1.500
54	F	0.400	0.900	1.400
53	F	0.300	0.800	1.300
52	F	0.200	0.700	1.200
51	F	0.100	0.600	1.100
0-50	F	0.000	0.000	0.000
50	FA	0.000	0.000	0.000
50	WF	0.000	0.000	0.000
--	WP	0.000	0.000	0.000

Personal Pathways to Success

The Education and Economic Development Act (EEDA), "Personal Pathways to Success" is a program designed to better prepare South Carolinians by improving career development, workforce development and economic development for our citizens through early career planning and an individualized curriculum. Students in grades 8-12 are required to meet annually for an Individual Graduation Plan (IGP) conference with their counselor and parent/parents to plan courses related to college and career readiness. Parents or parental designees of all students are required to attend their child's IGP conference.

The IGP must:

- Align career goals and a student's course of study based on involvement in career guidance;
- Be based on the student's selected cluster of study and an academic focus within that cluster;
- Include core academic subjects, which must include, but are not limited to English, math, science, and social studies to ensure that requirements for graduation will be met;
- Include experienced-based, career-oriented learning experiences including, but not limited to internships, apprenticeships, shadowing, mentoring, co-op education, and service learning;
- Be flexible to allow change in the course of study but be sufficiently structured to meet graduation requirements and admission to post-secondary education;
- Incorporate provisions of a student's Individual Education Plan (IEP) when appropriate; and
- Be approved by a certified school guidance counselor and the student's parents, guardians, or other individuals appointed by the parents or guardians to serve as their designee. (59-59-140)

Advanced Placement, Dual Credit and Dual Enrollment

A wide variety of Advanced Placement courses are offered to students enrolled in Chesterfield County School District. For more information about individual AP courses, contact your High School Guidance Counselor or visit the following website: www.collegeboard.com/student/testing/ap/about.html.

Students should be mindful that Advanced Placement courses have the rigor of a college course in both pace and content. If you feel you are not prepared for the extra work required for these courses, please consider enrolling in a non-Advanced Placement course.

In addition to the College Board Advanced Placement program, there are several other opportunities for students to earn college credits while in high school. Counselors work with students to explore feasible options within district policies and procedures. It is not always possible, however, to meet the demands of college/university scheduling.

Dual credit allows high school students who have mastered or nearly mastered the high school curriculum and who are capable of college-level work to earn simultaneously both high school units toward graduation from high school and course credit toward an associate degree or transfer to a bachelor's degree program. A permission form will be signed by the Principal, student and parent granting this authorization.

Dual enrollment allows high school students, with permission of their high school principal or designee, to enroll in college courses to earn college credit toward an associate or bachelor's degree while in high school.

Please note the following about dual credit:

1. Courses in addition to those listed above may be approved for dual credit by the Principal based on his/her analysis of the student's high school transcript. A permission form will be signed by the Principal, student and parent granting this authorization.
2. All other coursework not approved by the Principal will be considered dual enrollment and will not transfer to the high school transcript.
3. Dual credit courses will be open to all students.
4. There will be no dual credit

course restrictions based on the course offerings at the home school.

South Carolina Virtual School

The South Carolina Virtual School is designed to give students the opportunity to take online courses and get credit toward their high school diploma. Online learning is used by students who want to accelerate their progress and by those who need to catch up courses in which they might fall behind during the year.

The South Carolina Virtual School allows for independent instruction for students so they can work at their own pace, in their own place, and at anytime of the day. Students should work with school counselors to determine appropriate options for enrollment.

To learn more, visit:
<https://scvspconnect.ed.sc.gov>

Credit Recovery Program

The Credit Recovery Program is designed to address students who fail to receive credit for a high school course due to a failing grade or excessive absences.

In order for a student to qualify for participation in the Credit Recovery Program, the student must have received a grade between 60-69 or with 3 or less days over the maximum absences allowed.

Students are given the opportunity to complete additional material in an effort to obtain a passing score for the course.

Students are required to pay a fee in order to participate in the Credit Recovery Program.

BEYOND HIGH SCHOOL

Educational and Career Assessments

Any student planning to attend a four-year college needs to begin preparation by taking a rigorous course load to prepare for successful college performance as well as for college entrance examinations. The preliminary tests to prepare students for the entrance exams is the **PSAT**. The college entrance exams are the **ACT** and the **SAT**. Test dates for the **ACT** and **SAT** are set nationwide. Students must complete and mail application forms with a fee or complete the form online prior to the testing dates. The following is a brief description of each of the tests:

PSAT

The PSAT/National Merit Scholarship Qualifying Test (**PSAT, NMSQT**) introduces students to the organization and question types found on the **SAT**. The junior year scores are also used in selecting semifinalists for the National Merit Scholarship awards. Several colleges and programs, such as the Governor's School, use the **PSAT** for determining early admissions or as a part of their selection process. This test is offered each October to students in grades 10 and 11. All college bound students are encouraged to pay the registration fee and take the **PSAT** in their junior year. Besides providing practice for the **SAT**, the junior year **PSAT** scores are used for National Merit qualification and by other groups as criteria for scholarships.

Additionally, the **PSAT** helps students determine their level of preparation for college and helps students predict how they might score on the **SAT**.

ACT and SAT

The **ACT** and the **SAT** are tests used by college admission offices and scholarship selection committees as one of several indicators of students' potential to complete college level work successfully. Fee waivers are available upon request to juniors and seniors who qualify.

The **ACT** provides a measure of how well students can perform the skills necessary for college coursework. The **ACT** Assessment measures these skills in English, mathematics, reading, and science. An optional writing test is also available. These areas are tested because they include the major areas of instruction in most high school and college programs.

On the **ACT**, each of the subtests is scored on a scale of 1 to 36. The optional writing test is also scored on a scale of 1 to 36.

The composite score is derived from the four required subtests of English, mathematics, reading, and science. A composite of 24 on the **ACT** is comparable to a total score of 1100 on the Critical Reading and Math portions of the **SAT**.

The **SAT** is a multiple-choice test with critical reading, math, and writing sections. Each section of the test has a score range of 200 to 800; thus, the score range for the entire test is 600 to 2400. The critical reading portion tests students on genre, relationship among parts of a text, cause and effect, rhetorical devices, and comparative arguments. Reading passages are taken from the natural sciences, humanities, and social sciences. The math portion tests students' ability to solve problems involving arithmetic reasoning, Algebra 1, Algebra 2, and geometry.

Students are allowed, but not required, to use a calculator. On the writing section of the **SAT**, students complete an essay and answer multiple-choice questions designed to measure students' ability to improve sentences and paragraphs and identify errors (diction, grammar, sentence construction, subject-verb agreement, proper word usage, and wordiness. Although a student's high school record is the single best predictor of potential for success in college, a combination of the high school record and **SAT** or **ACT** scores is a more reliable indicator.

Personal Pathways to Success

Personal Pathways to Success is an Internet based system that provides educational and career planning resources that bring together all South Carolinians - students, parents, educators, adult job seekers, and employers.

The following links provided by DISCUS, SCOIS and SCETV'S Career Isle connect to information and tools for career assessment, exploration and preparation:

DISCUS

Digital Information for SC Users is an online database of resources provided free of charge to SC citizens. It provides access to assessments, practice tests, career eBooks, career videos, professional journals and much more.

SCOIS

SCOIS provides up-to-date educational and career information through South Carolina's own Career Information Delivery

system (SCOIS-CIS). The SCOIS Career System works to allow students to take career assessments related to interests, skills and values; to watch career-related videos; save information in a portfolio; work on soft skills; and more. Students can take career interest, skills, and values assessments; watch career-related videos; save information in a portfolio; work on soft skills, etc.

SCETV's Career Aisle

SCETV Provides resources for students, parents and counselors to assist with the career awareness, career exploration, and career preparation of students with the objective of facilitating a successful transition into post-secondary opportunities and the 21st century global workplace.

Personal Pathways to Success can be found at www.ed.sc.gov

WORKKEYS

WorkKeys, **ACT**'s workplace assessment tool, is the gold standard in skills testing. **WorkKeys** is used in high schools and community and technical colleges across the country to measure real-world skills. Taking **WorkKeys** tests is an important first step in preparing for education, training, or a career after high school. **WorkKeys** scores help students compare their skills to the skills real jobs require.

ASVAB

All students are given an opportunity to take the **ASVAB** (Armed Services Vocational Aptitude Battery) during high school. The test consists of eight short individual tests covering word knowledge, paragraph comprehension, arithmetic reasoning, mathematics knowledge, general science, auto and shop information, mechanical comprehension, and electronics information.

Test results are used with the book, *Exploring Careers: The ASVAB Workbook*, which enables students to match interests, abilities, and personal preferences to over 200 occupations. There is no charge for the **ASVAB**. The testing is scheduled by each high school during the school year.

COMPASS

Two-year technical colleges require placement tests. The main purpose of the placement test is to help students identify strengths and needs and to build a solid plan for success. Northeastern Technical College (NETC) requires placement information of entering students who wish to enroll in a program of study or in any English or math courses. The primary test

used by NETC is **COMPASS**. These tests may be waived for the student who

- has earned a degree from an accredited institution;
- has earned appropriate program-level college credit in English, math and/or reading (within ten years) at NETC or another accredited institution; or
- has appropriate SAT scores (480 Critical Reading, 480 Math), or ACT scores (20 Composite). Sections of the COMPASS may be required if either score is not sufficient.

Certain stipulations may apply. Questions can be answered by calling NETC.

LIFE Scholarship

The South Carolina General Assembly established the Legislative Incentives for Future Excellence (LIFE) Program in 1998 to increase access to higher education, to improve employability of South Carolina's students, to provide incentives for students to be better prepared for college, and to encourage students to graduate from college on time.

Eligible full-time students may receive the following awards:

Up to \$5,000 (including a \$300 book allowance) each academic year toward the cost of attendance at an eligible four-year institution in South Carolina. Limited to ten (10) terms for the first approved five-year bachelor's degree program or eight (8) terms for the first bachelor's degree program;

or

Up to the cost of tuition plus a \$300 book allowance each academic year at an eligible two-year public or technical institution in South Carolina. At the two-year independent institution in South Carolina, students may receive up to the maximum average of the cost of tuition at the two-year USC regional campuses. Limited to two (2) terms for the first one-year program or four (4) terms for the first associate's degree program or a two-year program that is acceptable for full credit toward a bachelor's degree.

Initial Eligibility at Four-year Institutions:

Students must meet two of the following

three criteria:

1. Earn at least a 3.0 cumulative GPA based on the SC Uniform Grading Scale upon high school graduation
2. Rank in the top 30 percent of the graduating class
3. Score at least 1100 on the SAT (or 24 on the ACT) through June of the senior year. Only the math and critical reading scores of the SAT may be included.

Initial Eligibility at Two-year Institutions:

Graduate from high school with at least a cumulative 3.0 GPA based on the SC Uniform Grading Scale.

Students Must Also:

Be SC residents at the time of high school graduation and college enrollment;

Not be recipients of the Palmetto Fellows Scholarship, SC HOPE Scholarship or Lottery Tuition Assistance; and Meet all general eligibility criteria.

There is no application required for the LIFE Scholarship. The eligible institution will notify students if they qualify for the Scholarship.

Palmetto Fellows Scholarship

The South Carolina General Assembly established the Palmetto Fellows Scholarship Program in 1988 to retain academically talented high school graduates in the state through awards based on merit. Eligible full-time students may receive a scholarship of up to \$6,700 annually for a maximum of eight terms.

Initial Eligibility Requirements:

Applications for early awards must be submitted to the Commission on Higher Education for the Palmetto Fellows Scholarship by the date established in **December** each academic year. High school seniors may apply if they meet one of the two following academic requirements (students **cannot** use these criteria to meet the final award criteria):

Score at least 1200 on the SAT (27 on the ACT) by the November test admin-

istration, earn a minimum 3.50 cumulative GPA on the SC Uniform Grading Scale (UGS) at the end of the junior year, and rank in the top six percent of the class at the end of either the sophomore or the junior year; or

Score at least 1400 on the SAT (32 on the ACT) by the November test administration and earn a minimum 4.00 cumulative GPA on the SC UGS at the end of the junior year.

Applications for final awards must be submitted to the Commission on Higher Education for the Palmetto Fellows Scholarship by the date established in **June** each academic year.

High school seniors may apply if they meet one of the two following academic requirements:

Score at least 1200 on the SAT (27 on the ACT) by the June national test administration of the senior year, earn a minimum 3.50 cumulative GPA on the SC UGS at the end of the senior year, and rank in the top six percent of the senior class at the end of the senior year;

or

Score at least 1400 on the SAT (32 on the ACT) by the June national test administration and earn a minimum 4.00 cumulative GPA on the SC UGS at the end of the senior year.

Students must not be recipients of the LIFE Scholarship, SC HOPE Scholarship, or Lottery Tuition Assistance.

Scholarship Enhancements for LIFE and Palmetto Fellows Scholarship Recipients in Math and Science Programs

The purpose of the new program is to increase the number of college graduates in math and science areas needed to support the new knowledge-based economy. The enhanced awards are being made available to students in their sophomore year who meet the eligibility requirements for the LIFE or Palmetto Fellows scholarships and are pursuing program majors in the following areas: science, mathematics, computer science or informational technology, engineering, science education, math education, and healthcare and related disciplines including medicine and dentistry.

Students will need to take fourteen credit hours in math and science during their freshman year in college. The fourteen hours must include at least six hours in mathematics and at least six hours in life and physical sciences including one laboratory course.

Students who satisfy the LIFE scholarship eligibility requirements are currently awarded up to \$5,000 per year. Students meeting the eligibility requirements for the new LIFE enhancement for majoring in the eligible math or science programs will receive up to \$7,500 per year beginning their sophomore year.

Freshmen who satisfy the Palmetto Fellows eligibility requirements are awarded up to \$6,700 per year. All Palmetto Fellows recipients who are sophomores and above will receive up to \$7,500 per year. Those meeting the eligibility requirements for the enhanced Palmetto Fellows award for majoring in eligible math and science programs will receive up to \$10,000 per year.

As in the case with the LIFE and Palmetto Fellows scholarships, the awards with the enhancement cannot exceed a student's cost of attendance, students must be South Carolina residents for tuition and fee purposes, and students must be attending an eligible public or independent institution in South Carolina.

For specific information on the regulations and academic requirements for the new LIFE and Palmetto Fellows Scholarship enhancements and other state scholarship programs, please visit the Commission's website at www.che.gov or contact the Commission at (803) 737-2260. A toll-free number, 1-877-349-7183, is available for calls after office hours each Tuesday through Thursday from 5:30pm until 8:30pm.

SC Hope Scholarship

The SC HOPE Scholarship Program was established under the SC Education Lottery Act in 2001. It is a one-year merit-based scholarship created for eligible first-time entering freshmen attending an eligible four-year institution in South Carolina. Eligible full-time students may receive up to \$2,650 (including a \$150 book allowance) toward the cost of attendance for a maximum of two terms.

Initial Eligibility Requirements:

Earn a cumulative 3.0 GPA on the

SC Uniform Grading Scale upon high school graduation,

Be SC residents at the time of high school graduation and college enrollment,

Not be recipients of the Palmetto Fellows Scholarship, LIFE Scholarship or Lottery Tuition Assistance, and

Meet all general eligibility criteria.

There is no application required for the SC HOPE Scholarship. The eligible institution will notify students if they qualify for the scholarship.

Lottery Tuition Assistance Program

The Lottery Tuition Assistance Program was established under the SC Education Lottery Act in 2001. Award amounts are dependent upon the number of students eligible and the amount of funding available each academic year.

Initial Eligibility Requirements:

Must complete and file a Free Application for Federal Student Aid (FAFSA) each academic year or complete a FAFSA Waiver (only available to certain students);

Must be enrolled for a minimum of six credit hours and be degree-seeking each term;

Must not be recipients of a LIFE, Palmetto Fellows, or SC HOPE Scholarship during the academic year (fall, spring, or summer terms);

Must not receive Lottery Tuition Assistance for more than one certificate, diploma, or degree earned within any five year period unless the additional certificate, diploma, or degree constitutes progress in the same field of study; and

Must meet all general eligibility criteria.

NCAA Requirements

Students wishing to play Division I or Division II collegiate sports must apply online to the NCAA Clearinghouse. Eligibility for collegiate sports requires 14 core course credits for Division II and 16 for Division I. The breakdown of core course credits may be checked online. The minimum grade point average for eligibility is 2.000 and the minimum SAT score is 820. The

BEYOND HIGH SCHOOL
(continued)

SAT combined score is based on the Verbal and Math sections only. For more information regarding eligibility, please visit www.ncaa.org. Click on the "Academics and Athletes" link and then "Eligibility and Recruiting" or you may call the NCAA toll-free at 877-262-1492.

Northeastern Technical College 

Northeastern Technical College (NETC) is a two-year, post-secondary institution. Our geographic service area includes Chesterfield, Marlboro, and Dillon counties of South Carolina, and we operate community campuses in Pageland, Bennettsville, and Dillon in addition to our main campus in Cheraw. We are accredited by the Commission on Colleges of the Southern Association of Colleges and Schools. Our college is one of 16 member colleges making up South Carolina's award-winning technical college system. As a member, we are committed to supporting the economic development of our state by providing educational and workforce training services to meet community needs. We are also committed to helping all of our students succeed, and look forward to talking with you about possible NETC Pathways to your future.

We are pleased to serve the educational needs of our service area through traditional classes, distance learning options, and continuing education courses. Northeastern Technical College offers associate degree, diploma, and certificate programs in a variety of career pathways. NETC also offers courses which transfer to public and private colleges and universities in our state and the nation. So, no matter what career cluster you are interested in, Northeastern Technical College can help you start down the path to your educational or career goal.

For more information on programs offered by NETC that relate to your career cluster, visit our website, www.netc.edu, click on High School Students, and Chesterfield County School District. The Pathways booklet has a page about each cluster, the majors offered in CCSD, and the programs offered at NETC, along with some career opportunities in that field. You can also find links

to information about four year colleges, careers, educational requirements and wages.

GET A SMART START ON YOUR COLLEGE CAREER

Personal Pathways to Success provides the opportunity for students to follow a personal educational plan seamlessly from high school into college and the workforce, allowing high school students to make substantial progress toward their college education while finishing high school. For high school students Northeastern Technical College offers a smart start to your college career in at least three ways: **Technical Advanced Placement (TAP), Dual Credit, and Early Admission or Dual Enrollment.** Further information is provided [below] so you can plan now to take advantage of these options.

Technical Advanced Placement (TAP) – a Northeastern Technical College program that allows qualified high school students to earn NETC credit by demonstrating mastery of college course competencies. High school students who successfully complete specific high school courses in Career and Technology Education (CTE) and who demonstrate mastery of college course competencies will be awarded exemption credit toward their programs when they enroll at NETC.

Northeastern Technical College and Chesterfield County School District have entered into TAP agreements. Articulation is an agreement between institutions, which may allow a student to receive college credit (or waiver of prerequisites) for satisfactorily completing Career and Technology course competencies in high school. The goal is to provide a

smooth path for students to follow without delays, duplication of courses or loss of credit.

If you have satisfactorily completed the competencies (skills), your teacher will submit the TAP Recommendation upon your high school graduation so that you can receive exemption credit. You are responsible for completing the process so that NETC can award the credit.

The process for CCSD graduates to receive NETC TAP credit is as follows:

- Confirm that your teacher or high school staff member has submitted the TAP Recommendation form(s) to the NETC Admissions Office. The Recommendation requires that you have earned 85 or better. A certification or proficiency exam is required for some courses.
- Submit your NETC application for admission and fee, and your high school transcript to NETC Admissions Office.
- Follow NETC Admission requirements, including placement testing, if required.
- Enroll at NETC within 18 months of high school graduation in order to be eligible for TAP credit.

By participating in TAP, you will save time and money because you do not have to re-take the course. You will earn FREE college credit! This articulated credit is assured only at Northeastern Technical College.

For more information on programs offered by NETC that relate to your career cluster, visit our website, www.netc.edu, click on High School Students, and the Pathways icon. The Pathways booklet for Chesterfield County School District has a page about each cluster, the majors offered in

CCSD, and the programs offered at NETC, along with some career opportunities in that field. You can also find links to information about four year colleges, careers, educational requirements and wages.

Dual Credit – a college program that allows high school students to take college courses for which they can simultaneously earn both college and high school credit.

Northeastern Technical College provides courses on site at high schools and also on NETC campuses for selected juniors and seniors. Only the high school administration may determine if high school units are awarded for college courses. Each student must be approved by the high school principal or his/her designee to be eligible to take college courses. Participating students may enroll in NETC courses that apply toward associate or baccalaureate degrees offered by accredited institutions in South Carolina. The high schools set the schedule which best suits the needs of their students. For some schools that is first block; for others early dismissal blocks in the afternoon; or other periods of the day. Students have the same privileges as any regular student on the NETC campus. These courses are rigorous college classes and students are encouraged to consistently give their best efforts.

Some of these courses are designed as "college transfer" to senior colleges and universities; some, which transfer only to other technical colleges, are "career courses".

Career courses: These courses apply to the requirements of specific career programs at NETC, such as business, computer technology, machine tool technology. These courses may also transfer

to other technical/community colleges, depending on the requirements of your major.*

College Transfer courses: These courses apply to the requirements of programs at public senior colleges/universities. South Carolina has a Statewide Transfer Agreement which assures that courses on the agreement will transfer from NETC to SC public colleges and universities. All SC public colleges/universities have information on their websites, usually as "Technical College Transfers."* You can see the course equivalents required by the major you choose. The 86 courses in the Transfer Agreement are in the NETC Catalog which is also posted on the website, www.netc.edu.

** NOTE: It is the student's responsibility to contact and receive written assurance from any private college/university or any public or private college/university outside South Carolina that the college/university will accept your dual enrollment or dual credit courses toward their degree requirements. In some cases, these courses may be accepted as electives. You must ask for this information by contacting the Registrar's Office or checking the website of the senior institution you plan to attend.*

Courses completed as part of the Dual Credit program will appear on the student's college transcript and will be recorded in the high school records too. These courses are considered college work for State scholarships. The student will earn a letter grade in the college course at the end of the NETC term. The NETC final grade will be converted to a numerical equivalent for the Uniform Grading Scale and will be reported to the high school for transcripting at AP weight based on State Depart-

Northeastern Technical College 

ment of Education guidelines.

The student is responsible for tuition, fees and cost of college text books for any dual credit or dual enrollment courses taken at NETC unless another agreement is in effect with the school district for a specific course. High school students enrolled in at least 6 credit hours per semester may be eligible for Lottery Tuition Assistance which significantly helps to defray tuition expenses. The NETC Financial Aid Office can provide eligibility information. Students and parents should be aware that college course grades/credits attempted and earned are considered in Life and other scholarship programs.

Students and their parents should be aware of the effects of college course grades and credit hours on rank, scholarships and other financial aid.

Early Admission or Dual Enrollment – a college program that allows high school juniors and seniors to take college courses before graduating from high school.*

With permission from their high schools, qualified juniors and seniors may enroll in college courses at NETC. Courses completed as part of the Dual Enrollment program will become a part of the students' college transcripts but will not appear on their high school records. Students may select traditional, online, or distance learning classes from the day or evening schedule. Many students select courses from the Statewide Transfer Agreement list. More than 50 university transfer courses are regularly available at Northeastern Technical College. For more information contact your School Counselor, call us at 1-800-921-6933, or visit us online at www.netc.edu and click on "High School

Students".

NETC Bridge Programs with Four-Year Universities

Students who attend Northeastern Technical College may take advantage of articulation agreements with four-year colleges/universities! In addition to statewide Bridge Programs with the University of South Carolina and Lander University, NETC also has Bridge Programs (articulation agreements) with Francis Marion University, Coker College, Chamberlain College of Nursing, and The Citadel for selected programs, for students from Northeastern Technical College who meet the requirements. NETC also has a new Bridge Program with Morris College for Business, Criminal Justice and Early Childhood Education programs. Any student with an associate degree or two years of college course credit, including alumni of NETC, is eligible to participate in the Coker bridge program. For more information about the available bridge programs when you are ready to apply for admission, contact Northeastern Technical College. Our bridge programs to senior institutions are additional reasons to choose NETC as your pathway to higher education.

For More Information Contact:

Valerie Gargiulo
Dual Enrollment Coordinator /
PBI Project Director
Northeastern Technical College
1201 Chesterfield Hwy.
Cheraw, South Carolina 29520
Office: 843.921.6995
Fax: 843.921.1476

2016-2017 Secondary Curriculum Framework

What are career clusters?

Career clusters are groups of related courses that help a student decide if he is interested in pursuing a career or college degree related to those courses after high school.

Why did we change to a career cluster system?

We want to help students see the connection between their coursework and their plans for life after high school. State department guidelines called Pathways to Success mandate that schools do more to help students make those connections.

What is a major?

A major places related areas of study together. Within the major, students choose courses geared toward more specific career areas. Colleges and universities have used this structure for years.

What if I choose a career cluster and then change my mind about what I want to study?

Moving from one cluster to another and from one major to another should not be a problem. As you take courses in your major and cluster, you'll still be taking the courses required for graduation.

How many courses should I take?

We recommend you take four core courses in your major cluster plus a minimum of two supporting courses.

Can I take courses outside my cluster?

You should still have room in your schedule to take courses outside your cluster. In fact, we encourage you to explore other clusters, especially if you have interests in more than one area. The basic purpose of this structure is to help you see and explore career options.

What is an individual graduation plan?

An individual graduation plan is an opportunity for you and your parents/guardians to work with your guidance counselor to discuss a plan for what you'll study in high school. The plan will help you achieve your goals. You will review the plan every year and make changes as your interests and needs change.

School of Arts & Humanities

Arts, A/V Technology & Communications Cluster

- Journalism & Mass Communication
- Modern & Classical Languages
- English
- Visual Arts
- Performing Arts

Education & Training Cluster

- Teaching & Training

School of Business Management & Information Systems

Business, Mgmt. & Administration Cluster

- Business Information Management
- General Management

Finance Cluster

- Accounting

School of Engineering, Manufacturing & Industrial Technologies

Agriculture, Food & Natural Resources Cluster

- Agriculture Structures and Technology

Science, Technology, Engineering & Mathematics Cluster

- Science
- Math

School of Health Science & Human Services

Health Science Cluster

- Diagnostic Services
- Therapeutic Services
- Health Informatics
- Biotechnology Research and Development
- Support Services

School of Public Services

Government & Public Administration Cluster

- Social Sciences

What do colleges want you to take?

English..... 4 units

You must have at least two courses with strong grammar and composition components, at least one in American Literature, and one in English literature. Completing college prep English 1, 2, 3 & 4 will meet these requirements.

Modern and classical language 2 units

You must have two units of the same modern and classical language. **Some colleges require 3 units.**

Lab science 3 units

You must have at least 2 units from two different fields selected from biology, chemistry, or physics. Your third unit may be from one of these fields or from any lab science, for which biology or chemistry is a prerequisite. Courses in earth science, physical science, or introduc-

tory or environmental science for which biology and/or chemistry is not a prerequisite will not meet requirements.

Math 4 units

Your courses must include Algebra 1 for which Applied Math 1 & 2 together may substitute if you successfully complete Algebra 2. You must also take Algebra 2 and Geometry. A fourth unit is strongly recommended and should be selected from pre-calculus, calculus, statistics, or discrete math.

Social studies..... 3 units

You must have 1 unit of U.S. History, a half unit of economics, a half unit of government and 1 additional unit of social studies.

Other courses..... 4 units

You must have 4 college prep units taken from at least three different fields selected from computer science, English, fine arts, modern and classical languages, humanities, lab science, math above the level of Algebra 2 and social sciences. It is suggested that one unit be in computer science, including programming, and one be in fine arts.

Beginning with the Class of 2011, colleges will require one unit of fine arts in either appreciation of, history of, or performance in fine arts.

Also, beginning with the Class of 2011, colleges will require only one elective unit, with a college prep course in Computer Science strongly recommended for this elective. Other acceptable electives include college preparatory courses in English, fine arts, modern and classical languages, social science, humanities, labora-

tory science (excluding earth science, general physical science, general environmental science, or other introductory science courses for which biology and/or chemistry is not a prerequisite) or math courses above the level of Algebra 2.

Physical Education/JROTC 1 unit

You must take at least one unit in either physical education or JROTC.

Exceptions for college requirements

- A state college may grant an exception for
- A student not meeting the prerequisites if the failure to meet prerequisites is beyond the student's control **or**
 - A student who takes Applied Academic courses and meets all other admissions criteria.

SC Public Four-Year Colleges and Universities

- The Citadel
- Clemson University
- Coastal Carolina University
- College of Charleston
- Francis Marion University
- Lander University
- South Carolina State University
- USC - Aiken
- USC - Beaufort
- USC - Columbia
- USC - Upstate
- Winthrop University

*College admissions requirements may differ from institution to institution. Refer to college catalogues for admissions requirements.

SC Technical and Two-Year College Campuses

- Aiken Technical College
- Central Carolina Technical College
- Denmark Technical College
- Florence-Darlington Technical College
- Greenville Technical College
- Horry-Georgetown Technical College
- Midlands Technical College
- Northeastern Technical College
- Orangeburg-Calhoun Technical College
- Piedmont Technical College
- Spartanburg Methodist College
- Spartanburg Technical College
- Technical College of the Lowcountry
- Tri-County Technical College
- Trident Technical College
- USC - Lancaster
- USC - Salkehatchie
- USC - Sumter
- USC - Union
- Williamsburg Technical College
- York Technical College

*College admissions requirements may differ from institution to institution. Refer to college catalogues for admissions requirements.

LANGUAGE ARTS

To meet the requirements for a state high school diploma, students must earn four units in Language Arts. English 1, 2, 3, 4, and AP meet the Language Arts requirements. Dual credit courses do not count towards English graduation requirements. These courses are offered on various instructional levels. All other offerings in the Language Arts department are electives.

301100XX English 1

Credit: 1
Prerequisite: None

The course provides a foundation in grammar, composition, vocabulary development, and literature. The primary emphasis is on reading and writing skills. The SC End-of-Course test counts 20% of the final grade. One summer reading book is required.

301100XX English 1 Honors

Credit: 1
Prerequisite: 8th Grade Honors English (an 80 or higher)

This level is designed for students planning to complete the honors curriculum with Advanced Placement English their senior year. The course includes grammar review, SAT level vocabulary, and composition at a greater depth and faster pace for students displaying gifted verbal ability. An emphasis is placed on developing the skills associated with literary analysis with an emphasis on World literature. Students are expected to complete creative projects and a rigorous reading schedule that helps create the background knowledge necessary for success on the Advanced Placement Exam. The SC End-of-Course test counts 20% of the final grade. Two summer reading books from the honors reading list are required.

301200XX English 2

Credit: 1
Prerequisite: English 1

This course includes grammar, literature, vocabulary, and composition with special emphasis given to grammar. The student is introduced to the organization of the research paper. Literature by genre is continued with the students mastering the short story, drama, and the poem. Vocabulary is taught with the intent of the students developing skills for the PSAT. One summer reading book is required.

301200XX English 2 Honors

Credit: 1
Prerequisite: English 1 Honors (an 80 or higher)

This challenging course is designed for students planning to complete the honors curriculum with Advanced Placement English their senior year. There is a heavy emphasis on the analysis of American literature. Grammar, SAT vocabulary, and composition will be examined at a much greater depth and quicker pace for the student of gifted verbal ability with the intent of developing skills for the SAT. Two summer reading books from the honors reading list are required.

301300XX English 3

Credit: 1
Prerequisite: English 2

American literature and English grammar and composition provide an academic foundation for teaching communication skills. This course will sharpen reading, writing, listening, and speaking skills of students. One summer reading book is required.

301300XX English 3 Honors

Credit: 1
Prerequisite: English 2 Honors

This course is designed to challenge students planning to complete the honors curriculum with Advanced Placement English their senior year. An emphasis on British literature (from the Anglo-Saxon Period through the nineteenth century), composition, and SAT/AP vocabulary will provide the students with the background needed to ensure a successful year in Advanced Placement English. Preparation begins for the analytical focus of English 5 AP. Two summer reading books from the honors reading list are required.

301400XX English 4

Credit: 1
Prerequisite: English 3

British literature and English grammar and composition provide an academic foundation for teaching communication skills. This course sharpens read-

ing, writing, listening, and speaking skills of students. Students will develop writing skills in literary analysis, MLA documentation, and the research essay. One summer reading book is required.

301400XX English 4 Honors

Credit: 1
Prerequisite: English 3 Honors

This course is designed for students who opted not to take the Advanced Placement English their senior year. This course will focus on twentieth century British, American, and World literature. Students will develop writing skills in literary analysis, MLA documentation, and the argumentative essay. Preparation for college English will be the major focus of this course. Two summer reading books from the honors reading list are required.

307000XX Adv Placement English 5

Credit: 1
Prerequisite: Honors English 3 or Honors English 4

Advanced Placement English 5 will cover the twentieth century British and American plus selections from world literature and extensive vocabulary study. Composition mainly focuses on the analytical skills needed for the AP exam; however, students will also develop skills in argumentative techniques and MLA documentation. Students are required to take the AP exam. Two summer reading books from the honors reading list are required.

MATHEMATICS

To meet the requirements for a state high school diploma, students must earn four units of mathematics.

314100XX Foundations in Algebra

Credit: 1
Prerequisite: None

Using the areas of algebra and arithmetic, this course emphasizes the ability to understand and apply functional mathematics to solve problems. Students are involved in lab activities and problem-solving exercises that include the use of calculators.

314200XX Intermediate Algebra

Credit: 1
Prerequisite: Foundations in Algebra

This course is designed to study the application of mathematics to solve problems involving both linear and non-linear equations. The collection of data and work with statistics and probabilities will be incorporated. Graphing calculators will be utilized to solve problems and graphically present data. The SC End-of-Course test counts 20% of the final grade.

411100XX Algebra 1

Credit: 1
Prerequisite: None

This course is designed for the college preparatory student or others desiring a formal background in mathematics. It is intended for students who have mastered skills dealing with fractions,

decimals, and percent. The SC End-of-Course test counts 20% of the final grade.

411100XX Algebra 1 Honors

Credit: 1
Prerequisite: Academic Performance

This course provides a rigorous approach to concepts and problem-solving processes contained in the basic structure of algebra. It is intended for students with above average mathematical abilities. Non-routine problems requiring insight and ingenuity will be included. Enrollment is determined by 8th grade math performance. The SC End-of-Course test counts 20% of the final grade.

411200XX Algebra 2

Credit: 1
Prerequisite: Foundations in Algebra and Intermediate Algebra or Algebra 7, and Geometry.

This course is an extension of Algebra 1 skills, including the study of linear equations, functions, and inequalities, laws of exponents, radicals, complex numbers, and quadratic equations.

411200XX Algebra 2 Honors

Credit: 1
Prerequisite: Algebra 1 Honors

This course is a continuation of Algebra 1 and

contains more material on solving equations and inequalities, radicals, and polynomials. New topics include conics, exponential and logarithmic functions, matrices, and sequences and series.

412100XX Geometry

Credit: 1
Prerequisite: Algebra 1, or Intermediate Algebra

This course covers basic terminology, types of reasoning, formal proofs, angles, polygons, parallels and other geometrical concepts and skills.

412100XX Geometry Honors

Credit: 1
Prerequisite: Algebra 1 Honors

This course is a rigorously paced study of plane and solid figures. Practical and theoretical concepts are stressed. Training in thinking by means of deductive proofs and construction of figures is an essential part of this course.

414100XX Probability and Statistics

Credit: 1
Prerequisite: Geometry or Algebra 2

This course is designed to prepare the student for any introductory statistics course. This covers inferences, hypothesis testing, distributions, organizing data, and probability through appro-

priate project work, individual and group assignments, discussion, and exposition.

413100XX Algebra 3/Trigonometry

Credit: 1
Prerequisite: Algebra 2

This course is designed to prepare students for college algebra. Topics from Algebra 2 will be further developed, and trigonometric concepts will be presented. This course includes topics such as circular trigonometric functions, additional functions, graphs, conic sections, coordinate systems, complex number systems, exponential and logarithmic functions.

413100XX Pre-calculus Honors

Credit: 1
Prerequisite: Algebra 2 Honors and Geometry Honors

This course is designed for the honors student preparing to study calculus. This course includes the study of quadratic functions, polynomial functions, and trig functions. Other topics include exponents, logarithms, sequence, series, polar coordinates, vectors, determinants, and matrices.

LANGUAGE ARTS

Students should be mindful that Advanced Placement courses have the rigor of a college course in both pace and content. If you feel you are not prepared for the extra work required for these courses, please consider enrolling in a non-Advanced Placement course.

SOCIAL STUDIES

To meet the requirements for a state high school diploma, students must pass American Government, Economics, U. S. History, and one additional social studies unit.

333000XX American Government

Credit: .5
Prerequisite: None

This course is a study of the institutions, people, processes, policies, and powers at the national, state, and local levels of government. This course includes a more in-depth study of the United States Constitution.

335000XX Economics

Credit: .5
Prerequisite: None

This is a study of how goods and services are produced and exchanged to satisfy needs and wants of consumers. It enables students to understand our economic system, its operations, its problems, and its applications to daily life.

331000XX World Geography

Credit: 1
Prerequisite: None

This is the study of how people make use of space and interact with the environment and each other. It is designed to give students an introduction to world places, cultures, environments, and how people represent them.

336000XX World History

Credit: 1
Prerequisite: None

This is a survey of man's historical development beginning with prehistoric man. The course is designed to give the student an introduction to different cultures, their contributions to civilization, and their relationship to our world today.

336000XX World History Honors

Credit: 1
Prerequisite: Academic Performance

This is a survey of man's historical development beginning with prehistoric man. The course is designed to give the student an introduction to different cultures, their contributions to civilization, and their relationship to our world today.

334000XX Psychology

Credit: .5
Prerequisite: None

This course provides an overview of individual human behavior and a study of how and why people behave as they do.

MATHEMATICS

417000XX AP Calculus AB

Credit: 1
Prerequisite: Pre-Cal Honors

This course is designed for the honors student who will take the AP exam in Calculus AB. It involves the study of limits, differentiation, and integration. Curve sketching and the application of derivatives and integrals are studied. Students are also scheduled for 319900XX AP Calculus Seminar (this course offers 1 elective credit). Students are required to take the AP exam.

Students should be mindful that AP courses have the rigor of a college course in both pace and content. If you feel you are not prepared for the extra work required for these courses, please consider enrolling in a non-AP Course.

SCIENCE

To meet the requirements for a state high school diploma, students must earn three units of science.

321100XX Physical Science

Credit: 1 (No CHE Lab Credit)
Prerequisite: None

This course introduces students to the basic principles of chemistry and physics. Laboratory investigations are an integral part of the course. The SC End-of-Course test counts 20% of the final grade.

321100XX Physical Science Honors

Credit: 1 (No CHE Lab Credit)
Prerequisite: Academic Performance or 80 or above in Math and Science the previous year.

322100XX Biology 1

Credit: 1
Prerequisite: None

322100XX Biology 1 Honors

Credit: 1
Prerequisite: None

This course provides an in-depth study of topics which include cells, diversity of life, energy flows, genetics, and the environment. Laboratory work is required. The SC End of Course exam counts as

20% of the student's grade.

322100XX Biology 1 Honors

Credit: 1
Prerequisite: Academic Performance or 80 or above in Math and Science the previous year.

This course is for above average college bound students who wish to study concepts beyond the introductory level. It is a rigorous course providing an enriched, lab-oriented experience including a research component. The SC End of Course exam counts as 20% of the student's final grade.

322200XX Biology 2 Honors

Credit: 1
Prerequisites: Algebra 2, Algebra 2 Honors, Chemistry or, Biology 1 Honors

324100XX Physics

Credit: 1
Prerequisite: Algebra 1, Intermediate Algebra or Geometry

This is an advanced level course for above average college prep students who wish to further their studies in the life sciences. The goal is to provide an enriched, lab-oriented experience in various areas of biology. Topics include biochemistry, anatomy, and physiology.

334500XX Sociology

Credit: .5
Prerequisite: None

This course deals with the ways groups relate to each other and their environment, including the dissemination of cultures, and how this affects group behavior.

332000XX U. S. History

Credit: 1
Prerequisite: None

This course is a survey of the historical development of America from colonization to the present. A study of the United States Constitution is included. The SC End-of- Course test counts 20% of the final grade.

334000XX Psychology

Credit: .5
Prerequisite: None

This course provides an overview of individual human behavior and a study of how and why people behave as they do.

323100XX Chemistry 1

Credit: 1
Prerequisite: Algebra 1 or Intermediate Algebra

This course deals with the nature and structure of matter, chemical reactions, and balancing equations, mathematics of chemistry, gases, and acid-base relationships. Emphasis is placed on problem solving. Laboratory activities are coordinated with and enhance the course content.

323100XX Chemistry 1 Honors

Credit: 1
Prerequisites: Algebra 1 Honors

This course is designed for above average college bound students with a strong interest in chemistry.

324100XX Physics

Credit: 1
Prerequisite: Algebra 1, Intermediate Algebra or Geometry

The basic theories and concepts of physics will be discussed in the areas of motion, vectors, energy, gravity, mechanics, and heat, states of matter, waves, sound, light, optics, and electricity. Appropriate laboratory investigations will be completed for each unit.

FINE ARTS

350100XX Art 1
Credit: 1
Prerequisite: None

This course is designed to introduce the student to the study of art through an examination of the elements and principals of design. Students will be exposed to a wide variety of art experiences to learn technical skills and create a basic understanding and appreciation of art in its historical context.

350200XX Art 2
Credit: 1
Prerequisite: Art 1

This course is designed to expand the student's experience in art. Students will apply skills and concepts in more challenging activities, create more complex works of art and incorporate the study of additional styles, cultures, and media.

350300XX Art 3
Credit: 1
Prerequisite: Art 2

This course helps the serious art student develop skills in many media. Art history and art criticism are integrated into every aspect of the curriculum.

353100XX Band 1
353200XX Band 2
353300XX Band 3
353400XX Band 4
Credit: .5 or 1
Prerequisite: Successful completion of 8th grade band or director approval

These classes develop a student's ability in all aspects of the modern band program. Included are Marching Band, Concert Band, Solo and Ensemble Festival, and optional ensembles such as Jazz Band and Percussion Ensemble. Course requirements include performing at all band functions and attending all out-of-school rehearsals as required by the director. Those who are in Concert Band are required to participate in Marching Band unless participating in a Fall Sport.

356100XX Music Appreciation
Credit: 1
Prerequisite: None

This course is designed to expose students to different types, styles, and genres of music. IT will encourage an appreciation and interest in music by listening, discussing, and studying the many melodies, harmonies, rhythms, and textures that exist in all cultures of the world.

PHYSICAL EDUCATION

One unit of physical education is required for graduation.

344100XX Physical Education 1
Credit: 1
Prerequisite: None

This course is a basic course in techniques, terminology, and principles of physical education. It includes both individual and team sports.

344200XX Physical Education 2
344300XX Physical Education 3
344400XX Physical Education 4
Credit: 1
Prerequisite: Course Sequence

These courses provide further opportunity for students to develop physical fitness and to participate in team and individual sports.

MODERN and CLASSICAL LANGUAGES

One unit of a modern or classical language is required for a high school diploma for the college preparatory student. Three units of the same modern or classical language are recommended for college admission.

365100XX Spanish 1
Credit: 1
Prerequisite: None

This is an introduction of Spanish language and culture through reading, writing, listening, and speaking skills.

365200XX Spanish 2
Credit: 1
Prerequisite: Spanish 1

This is an expansion of vocabulary, structure, and writing skills learned in Spanish 1 with continued emphasis on oral proficiency.

365300XX Spanish 3 Honors
Credit: 1
Prerequisite: Spanish 2 and teacher recommendation

The course is a review and expansion of the structure, vocabulary, and usage of Spanish with emphasis on authentic communication in the language. Culture and civilization are also important facets of the course.

OTHER ELECTIVES

338100XX Teacher Cadet (Dual Credit)
Credit: 1
Prerequisite: See Below

This course is designed to introduce juniors and seniors to the profession of education. It is a survey course that looks at all facets of education K-12. Requirements for admission include a "B" average in a college preparatory curriculum, recommendations from five teachers, and a written essay. Applicants will be screened.

329902XX Foundations in Biology
Credit: 1
Prerequisite: None

This course is an applied academic science course. The emphasis is on topics and techniques intended to give the student a practical knowledge of biology and its applications to the real world.

CAREER AND TECHNICAL EDUCATION



Career and Technical Education (CTE) helps prepare youth and adults for the future by building the skills that are essential to strengthening the American workforce and ensuring the nation's economic competitiveness for 21st century jobs. Students add value to their overall education by completing CTE programs of study that provide opportunities to earn industry recognized credentials and college credit while still in high school. In addition, Career and Technical Education will provide students with:

- Academic subject matter taught with relevance to the real world.
- Rigorous and relevant application of technology.

- Employability skills, from job-related skills to work place ethics.
- Opportunities to develop relationships with business and industry.

As a matter of information, Career and Technical Education programs provide the foundation of knowledge and skills that prepare students for all 20 of the fastest growing occupations in all the 14 job sectors as identified by the U. S. Department of Labor's Occupational Outlook Handbook. A strong career and technical education system as evident in Chesterfield County School District has never been more critical to ensure that America keeps its competitive edge in the global economy.

Mission Statement

The Mission Statement for Career and Technical Education is to prepare students for post-secondary study and/or workforce entry in a global environment, promote lifelong learning, and enhance economic development.

CTE Student Organizations

Agriculture, Food & Natural Resources

The National FFA Organization

"It's definitely not your father's FFA" is a recurring theme for the largest Career and Technology student organization in South Carolina. Over 4500 students take advantage of contests that test skills ranging from Equine Science to Floriculture. Students can seek leadership positions in the FFA well into their postsecondary years and often do so at Clemson University, home of SC FFA. Competitions are held yearly statewide with the culminating event the summer conference in June. Information on the national FFA and South Carolina FFA can be found at www.scaged.org/SCFFA/home.htm.

Business, Management & Administration

Future Business Leaders of America

"Future Business Leaders of America-Phi Beta Lambda is a national organization of a quarter million students preparing for careers in business and business-related fields. The association has four divisions:

1. Future Business Leaders of America (FBLA) for high school students;
2. FBLA-Middle Level for junior high, middle, and intermediate school students;
3. Phi Beta Lambda (PBL) for post-secondary students; and

CTE - Available Certifications

Business Management Cluster

Adobe Certified Associate

For those seeking employment that requires demonstrating the ability to use digital media needed to plan, design, build, and maintain effective communications, Adobe Certified Associate is a certification program that validates the skills of job seekers.

<http://www.certiport.com/portal/common/documentlibrary/AdobeDataSheet.pdf>

Microsoft Office Specialist

The Microsoft Office Specialist (MOS) program provides computer program literacy, measures proficiency, and identifies opportunities for skills enhancement. Successful candidates receive the MOS certificate, a credential that is recognized worldwide as proof that an individual has the desktop computing skills he or she needs to be able to work productively and efficiently.

<http://www.microsoft.com/learning/mcp/officespecialist/default.asp>

Health Science Cluster

Certified Nurse Aide

The South Carolina Department of Health and Human Services (SCDHHS) has contracted with Pearson VUE to develop, score, and the report the results of the NNAAP™ (National Nurse Aide Assessment Program) Examination for the South Carolina Nurse Aide Registry. The exam is a measure of nurse aide-related knowledge, skills, and abilities. It is made up of both a written examination and a skills evaluation. All new nurse aide candidates applying to take the NNAAP™ Examination in South

Career and Technical Student Organizations promote skill development and competency mastery by hosting skill and leadership events that underscore what is learned in the classroom. These organizations are supported through dues from the membership and donations from business partners and friends.

Carolina must have successfully completed a state-approved nurse aide training program.

<http://www.Pearsonvue.com>

National Healthcare Foundation

The National Healthcare Foundation Skills Assessment/Certificate Program is an entry-level certification that verifies student mastery of the knowledge and skills that provide the foundation for all health careers (National Healthcare Foundation Standards.) It is recommended that in addition to the online assessment, the student will complete a portfolio. This skill assessment was developed by National Consortium for Health Science Education, the health science career cluster advisory group. Students seeking this certification should have mastered the National Healthcare Foundation Standards delivered through South Carolina secondary schools' health science curriculum.

<http://www.healthscienceconsortium.org>

First Aid/CPR/AED

The American Heart Association and the American Red Cross offer a variety of training courses for the workplace and healthcare professionals. Courses are designed to teach the skills of CPR for victims of all ages, use of an automated external defibrillator, relief of choking, and first aid skills. Courses are intended for participants who provide healthcare to family, patients, or co-workers in a wide variety of settings and can be tailored to the needs of specific groups and individuals.

American Heart Association:
<http://www.americanheart.org>

American Red Cross:
<http://www.redcross.org>

Health Science Health Occupations Students of America

The health care profession continues to provide professional development for those hands that care for the nation's populace. In South Carolina, HOSA is dedicated to providing learning experiences for those students who have interest in the health occupations. With membership at the secondary schools, career centers, and postsecondary institutions, SC HOSA includes five regions that serve a membership of over 1500 students, teachers, and administrators. Hospital administrators, faculty, and other business partners comprise the state executive council.

Find out more about national HOSA and South Carolina HOSA at www.hosa.org.

McBee High School Completer CTE Programs and Courses

Career and Technical Education (CTE) helps prepare students for the future by building the skills that are essential to strengthening the American workforce and ensuring the nation's economic competitiveness for 21st century jobs. Students add value to their overall education by completing CTE programs of study. Career and Technical Education will provide students with:

- Academic subject matter taught with relevance to the real world.
- Rigorous and relevant application of technology.
- Employability skills, from job related skills to work place ethics.
- Opportunities to develop relationships with business and industry.

The following are listings of the courses at McBee High School that create programs within the sixteen federal career clusters. A state-recognized CTE program is comprised of an approved sequence of career and technology education courses leading to a career goal and must include a minimum of 4 Carnegie units of credit. To be a CTE Completer, a student must earn 4 Carnegie units of credit in a CTE program.

Agriculture, Food and Natural Resources Program:

Agriculture Structures and Technology

Required:

- Agricultural Science and Technology
- Agriculture Technology
- Agriculture Power Mechanics
- Agriculture Structure Mechanics

Business, Management and Administration Program:

Administrative Services

Required Courses:

- Administrative Support Tech
- Integrated Business Applications 1

Plus two of the following:

- Entrepreneurship
- Digital Desktop Publishing
- Integrated Business Applications 2
- Fundamentals of Web Page Design

General Management

Required Courses:

- Accounting 1
- Entrepreneurship

Plus two of the following:

- Accounting 2
- Business Law
- Integrated Business Applications 1
- Integrated Business Applications 2

Finance Program:

Accounting

Required Courses:

- Accounting 1
- Accounting 2

Plus two of the following:

- Entrepreneurship
- Integrated Business Applications 1
- Integrated Business Applications 2

Health Science Program:

Health Science

Required:

- Health Science 1
- Health Science 2
- Health Science 3
- Health Science Clinical Studies (2 units)

Agriculture, Food & Natural Resources Cluster

This diverse career cluster prepares learners for careers in the planning, implementation, production, management, processing, and/or marketing of agricultural commodities and services, including food, fiber, wood products, natural resources, horticulture, and other plant and animal products.

It also includes related professional, technical, and educational services.

Employment opportunities will continue to increase for those who provide and market an expanding array of food, forest, and veterinary medical consumer products to a growing world population.

Continued globalization of the food, agricultural, and natural resources system will increase opportunities for graduates who understand the socio-economic factors that define international markets.

Graduates who know how to satisfy the diverse consumer needs and preferences in different cultures and who have the language skills to communicate effectively will have the best opportunities to be employed by the growing number of multi-national businesses.

562400XX Agricultural Science & Technology

Credit: 1

Prerequisite: None

This course is designed to teach essential concepts and understanding related to plant and animal life including biotechnology, the conservation of natural resources, and the impact of agriculture and natural resource utilization on the environment. Emphasis is placed on the role of agriculture in our society and the importance of agriculture to the welfare of the world. Basic personal and community leadership, safety, and agricultural mechanical technology are included as a part of the instructional program. Each student is expected to design and participate in a supervised agricultural experience. Agricultural Science & Technology is required in all Agricultural Education majors. Ninth graders may enroll in this course.

566000XX Agricultural Mechanics & Technology

Credit: 1

Prerequisite: Ag. Science and Tech.

The Agriculture Mechanics and Technology course is designed as an introductory course to the Agriculture Mechanics Career Pathway. In addition, it provides development of general mechanical skills which are required in all areas of Agricultural Education.

Typical instructional activities include hands-on experiences in woodworking, metal working, welding, small engine repair, and basic farm and homestead improvements; participating in personal and community leadership development activities; planning and implementing a relevant school-to-work transition experience; and participating in FFA activities.

561000XX Agricultural Power Mechanics

Credit: 1

Prerequisite: Ag. Mechanics and Tech.

The courses in Agricultural Mechanics are designed to qualify the student completing the courses for job entry into farm, business, or industrial phases of agricultural mechanics or to continue advanced training in post high school education. A combination of subject matter and activities is designed to teach technical knowledge and skills for entry-level positions in selling, selecting, and servicing agribusiness technical equipment and facilities, including computers, specialized software, power units, machinery equipment, structures, and utilities.

Typical instructional activities include hands-on experiences with agricultural power units; participating in personal and community leadership development activities; and planning and participating in FFA activities.

561100XX Agricultural Structural Mechanics

Credit: 1

Prerequisite: Ag. Power Mechanics

The courses in Agricultural Mechanics are designed to qualify the student completing the courses for job entry into farm, business, or industrial phases of agricultural mechanics or to continue advanced training in post high school education. A combination of subject matter and activities is designed to teach technical knowledge and skills for entry-level positions in selling, selecting, and constructing structures and utilities.

Typical instructional activities include hands-on experiences with the planning and selection of materials for the construction of agricultural facilities; the mechanical practices associated with irrigation and water conservation, erosion control, and metal fabrication; participating in personal and community leadership development activities; and planning and participating in FFA activities.

Business, Management and Administration Cluster

The Business, Management, and Administration Cluster is designed to prepare students for entry-level employment in the areas related to planning, managing, and providing administrative support, information processing, accounting, and human resources management services and related management services.

500100XX Accounting 1

Credit: 1
Prerequisite: Grades 10-12 unless Instructor approved.

This course is designed to help the student develop skills necessary for the highly technical interaction between accounting and business, to develop an understanding of the steps of the accounting cycle as applied to several different kinds of business operations, and to develop an understanding of accounting concepts, principles, and practices. The use of computers in simulated activities gives the student an opportunity to see the advantages of technology in accounting procedures.

500500XX Accounting 2

Credit: 1
Prerequisite: Accounting 1

This course expands the student's understanding of accounting subsystems and develops an understanding of various methods in internal control procedures. The student develops competence in using subsidiary ledgers, in preparing financial statements, and in performing end-of-period procedures. Students demonstrate accounting principles through the use of computer software and simulated activities.

504400XX Business Law

Credit: 1
Prerequisite: Computer Proficiency Requirement

This course is designed to provide the student with knowledge of the legal environment in which a consumer operates, to provide the student with knowledge of the legal environment in which a business operates, and to provide the student with knowledge of legal principles.

379980XX Yearbook

Credit: 1
Prerequisite: None

This course is designed to provide students with journalistic skills and the ability to apply those skills to actual yearbook production. Units of study include concepts, thematic development, section development, reporting and writing, headlines, photos and captions, design, graphics, readers' services and money matters. Actual work results in the current volume of the yearbook. This publication gains attention each year as an outstanding yearbook-an important historical record and tradition in which the school and community can take pride. Mastery of the goals and objective fully exposes staff members to all areas of the publications world. Students receive skills for the real world that includes: BUSINESS SKILLS: Budget planning, Promotion, & advertising, Marketing, Selling, Customer relations, and Market research. TECHNOLOGY SKILLS: Business software, Desktop publishing, Photo-editing software, on-line design, and online research. LIFE SKILLS: Communication, Leadership, Time management, Project management, Problem solving Writing, Photography, Teambuilding, Conflict resolution, and Public speaking. JOURNALISM SKILLS: Concept brainstorming, Reporting, Researching, Copy, Editing, Photo editing, Graphic arts, Public relations, Media Law, and Design.

517600XX Digital Desktop Publishing (Microsoft Publisher and Adobe Photoshop)

Credit: 1
Prerequisite: Computer Proficiency Requirement

This course brings together graphics and text to create professional level publications. Students create, format, illustrate, design, edit/revise, and print publications. Improved productivity of digitally produced newsletters, flyers, brochures, reports, advertising materials, and other publications is emphasized. Proofreading, document composition, and communication competencies are also included.

540000XX Entrepreneurship

Credit: 1
Prerequisite: Computer Proficiency Requirement

This course is designed to provide students with the knowledge and skills leading to the development of a business plan for small business ownership. An important part of the course will be the incorporation of marketing, staffing, and financial considerations. Leadership skills are recommended, and a nationally recognized certification is available upon successful completion of this course.

512200XX Administrative Support Technology

Credit: 1
Prerequisite: Computer Proficiency Requirement

This course is designed to provide an overview of the major responsibilities and tasks in an administrative support position. The objectives of the course are to enhance technology and communication skills; solve business-oriented problems; manage processes and procedures of organizations; and demonstrate effective supervisory, management, and human relations skills.

502000XX Integrated Business Apps 1

Credit: 1
Prerequisite: Successful Mastery of Keyboarding Competencies

This course of study is designed to teach the student computer concepts as related to processing data into useful information needed in business situations by using database, spreadsheet, word processing, and presentation software. Because the design of this course is to prepare students for Microsoft Office User Specialist (MOS) Certification, the emphasis is on speed, accuracy, and production using proper keyboarding techniques.

502100XX Integrated Business Apps 2

Credit: 1
Prerequisite: IBA 1
(*This is a Microsoft Office Specialist [MOS] certification preparation course.*)

This course of study is designed to teach the student advanced computer concepts as related to processing data into useful information needed in business situations by using advanced database, spreadsheet, word processing, and presentation software capabilities. Because the design of this course is to prepare students for Microsoft Office Specialist (MOS) Certification, the emphasis is on speed, accuracy, and production using proper keyboarding techniques.

503100XX Fundamentals of Web Page Design

Credit: 1
Prerequisite: IBA 1

This course is designed to provide the student with the knowledge and skills needed to design web pages. Students will develop skills in designing, implementing, and maintaining a website using authoring tools.

Health Science Cluster

Health science educators are keenly aware of the current and projected shortages of health care professionals at all levels across the country.

Consequently, a primary goal is to offer students at the secondary level the opportunity to explore health science professions in a way that makes both a rigorous contribution to their high school education and allows them to learn in detail about the career options open to them in this highly demanded field.

Health Science Technology completers can be certified in the following:

- **Community CPR (adult, infant, child)**
- **Automated External Defibrillator (AED)**
- **Mass Care and Disaster Services**
- **First Aid**
- **Dementia Specialists**
- **Pharmacy Technician**
- **Certified Nursing Assistant (CNA)**
- **Hospice Volunteer**
- **National Health Science Assessment**

555000XX Health Science 1

Credit: 1
Prerequisites: Grade 10. Biology is recommended. Students should have an interest in learning about all facets of healthcare

Health Science 1 is the first of four courses offered to students interested in pursuing a career in the healthcare field. During this first course students are introduced to healthcare history, careers, law and ethics, cultural diversity, healthcare language and math, infection control, professionalism, communication, basics of the organization of healthcare facilities, and types of healthcare insurance. Students get a good grasp of where healthcare has been, where it's going and how professionalism and personal characteristics impact their success. Students will be introduced to "Standard Precautions" and learn about confidentiality through HIPAA. As students are guided through healthcare career exploration, they will discuss education levels, and re-

quirements needed to be successful. Students will participate in a career project, and will hear from guest speakers in the healthcare field. Students will learn first-aid procedures and learn fire safety. The skills and knowledge that students learn in Health Science 1 serve to prepare them for future clinical experiences such as job shadowing or internships as they advance in the Health Science courses.

555100XX Health Science 2

Credit: 1
Prerequisites: Grade 11. 80% score or higher in Health Science 1, or teacher recommendation.

Health Science 2 applies the knowledge and skills that were learned in Health Science 1 while further challenging the students to learn more about the healthcare field. Health Science 2, will continue teaching in more detail, the units of study that include advanced study of infection control. They will learn about "Transmission Based Precautions" and become more familiar with OSHA, HIPAA, and the CDC. Students in Health Science 2 will learn how to take vital signs, record them and learn what the data means. Students will learn about the stages of life and Maslow's Hierarchy of needs. Students will learn how law and ethics are applied in the healthcare setting. This course will introduce students to basic patient care skills. Medical terminology, medical math and pharmacology is incorporated throughout the lessons being taught. Students will be certified in First Aid and CPR in this course. Career pathways and scenarios are introduced through each section. Students in this course should further their knowledge of healthcare careers and future goals by participating in a job shadowing experience. This course provides a foundation for further advancement in Health Science.

555200XX Health Science 3

Anatomy and Physiology
Credit: 1
Prerequisites: Grade 11 or 12
80% score or higher in Health Science 2, or teacher recommendation.
First Aid and CPR certified prior to this course

Health Science 3 acquaints students with basic anatomy and physiology of the human body. Students learn how the human body is structured and the function of each of the 12 body systems. Students will study the relationship that body systems have with disease from the healthcare point of view. This is a very "hands on" course and students will learn through projects and activities in the classroom. Skill procedures and foundation standards are reviewed and integrated throughout the program. Job shadowing is encouraged .

556000XX Health Science Clinical Study

(*Nurse Aide Training or other Clinical Experience*)
Credit: 2
Prerequisites: Grade 12
Health Science 1, 2, and 3. Recommended prerequisites or co-requisites for the course are Biology and Chemistry

Health Science Clinical Study is a course that guides students to make connections from the classroom to the healthcare industry through work-based learning experiences/activities. This course is designed to provide for further development and application of knowledge and skills common to a wide variety of healthcare professions. The students in this course will build on all information and skills presented in the previous required course foundation standards. The students will relay these skills into real life experiences. The student, teachers and work-based learning coordinators will work together to create opportunities for the students to get the best experience available in the dis-

tricts geographic region. Students in this course should be First-Aid and CPR certified before participating in any healthcare experience outside of the classroom.

Nurse-Aide candidates. Under the direction and supervision of a registered nurse, students are prepared to perform nursing-related services to patients and residents in hospitals or long-term care facilities. For Nurse -Aide programs students will review all foundation standards in the clinical study program as well as the addition of the South Carolina Nurse Aide Curriculum. This course meets all DHHS federal and state requirements for a certified nurse aide program in an approved NA training facility (NA program is optional).

End of Program Exam: Students enrolled in this course are considered completers in the Health Science Program and are expected to take the end of program National Health Science Assessment.

Chesterfield County School District Information



Mission Statement

The mission of Chesterfield County School District is to prepare all students to be productive citizens in a changing society by continuously improving and implementing educational process with ongoing community support.

Non-Discrimination Policy

Chesterfield County School District is committed to a policy of nondiscrimination on the basis of age, handicap, national origin, race, or sex in its educational programs, activities or employment practices. For further information, please contact Karen Rogers, 504 Coordinator, or Dr. Chan Anderson, Title IX Coordinator, at (843) 623-2175.

Accreditation

All high schools in Chesterfield County School District are accredited by the Southern Association of Colleges and Schools (SACS) and by the State Department of Education.

All high schools in Chesterfield County School District are members of the Southern Regional Education Board's High Schools That Work, a school-wide revitalization effort dedicated to providing a quality education for all students.

Opportunities

For more information about opportunities at our district high schools, please visit the district web site at www.chesterfieldschools.org and click on *Our Schools*.

District Office

401 West Boulevard
Chesterfield, SC 29709
Telephone (843) 623-2175
Fax (843) 623-3434
www.chesterfieldschools.org
Superintendent Harrison Goodwin, Ed.D.

Career and Technology Education

116 Edwards Road
Chesterfield, SC 29709
Telephone (843) 623-5595
Fax (843) 623-2312
Tammy M. Haile, Ed.D, Executive Director IT/
CTE

Our Schools

Central High School

200 Zion Church Road
Pageland, SC 29728
Telephone (843) 672-6115
Fax (843) 672-2694
Principal: Damon Barnhill

Cheraw High School

649 Chesterfield Hwy.
Cheraw, SC 29520
Telephone (843) 921-1000
Fax (843) 921-1006
Principal: Jason Bryant, Ed.D.

Chesterfield High School

401 North Page Street
Chesterfield, SC 29709
Telephone (843) 623-2161
Fax (843) 623-2050
Principal: Scott Radkin

McBee High School

PO Box 218
264 East Pine Avenue
McBee, SC 29101
Telephone (843) 335-8251
Fax (843) 335-6515
Principal: Dennis McDaniel

Board of Education

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Wesley R. Miles

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District 5 - Jamie D. Wayne

District 6 - James N. Sweeney

District 7 - Robert Teal

District 8 - Eric Dusa

District 9 - Dr. Wayne Chapman

McBee High School Guidance Department



Cindy Cook
School Counselor



Terri Rhoad
Career Specialist, GCDF