

YORK COMPREHENSIVE HIGH SCHOOL
FLOYD D JOHNSON TECHNOLOGY CENTER

Course Description Guide 2022-2023



District Information

2022-2023

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YORK SCHOOL DISTRICT ONE VISION

To Learn, Serve, and Give as One.

YORK SCHOOL DISTRICT ONE MISSION

Our mission is to cultivate a service-oriented community of learners who strive for personal growth and excellence as communicators, collaborators, creators, and critical thinkers.

YORK SCHOOL DISTRICT ONE BELIEFS

- Learning is a life-long, ever-changing process for students and staff.
- Each child is unique and should have the opportunity to reach his/her full potential.
- A safe, orderly, and nurturing environment is essential for learning.
- Education is a collaborative effort between schools and the community.
- Technology is a tool that should be leveraged to enhance the teaching and learning process.
- Teaching and learning should be relevant, individualized, and intentional to equip students for success.

YORK SCHOOL DISTRICT ONE COMMITMENTS

1. We will foster and maintain a **safe** learning environment for students and staff.
2. We will establish and nurture trusting and caring **relationships** with students, families, community members, and colleagues.
3. We will provide **quality learning** experiences to meet the **individual needs** of students.
4. We will embrace a commitment to **continuous learning** for students and staff.
5. We will **partner** and **collaborate** with students, families, and the community to enhance educational experiences.

NONDISCRIMINATION POLICY

York School District One offers equal opportunities for admission to students and employment for personnel. The programs and activities of the district are offered equally to all students without regard to race, color, national origin, religion, age disability or sex. Inquiries should be directed to the following:

Oliver Love, Director of Human Resources

PO Box 770

York SC 29745 or 803. 684.9915

PROFILE OF THE GRADUATE

2022-2023

PROFILE OF THE South Carolina Graduate

WORLD-CLASS KNOWLEDGE

Rigorous standards in language arts
and math for career and college
readiness

Multiple languages, science, technology,
engineering, mathematics (STEM), arts and
social sciences



WORLD-CLASS SKILLS

Creativity and innovation

Critical thinking and
problem solving

Collaboration and teamwork

Communication, information,
media and technology

Knowing how to learn

LIFE AND CAREER CHARACTERISTICS

Integrity • Self-direction • Global perspective • Perseverance • Work ethic • Interpersonal skills

© SCASA Superintendents' Roundtable

Adopted by: SC State Board of Education, SC Department of Education, SC Education Oversight Committee, SC Arts Alliance, SC Arts in Basic Curriculum Steering Committee, SCASCD, SC Chamber of Commerce, SC Council on Competitiveness, SC School Boards Association, TransformSC Schools and Districts.

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ACADEMIC PLANNING

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SOUTH CAROLINA UNIFORM GRADING POLICY

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

By State Law, any transferring letter grade earned (including those for Dual Credit Courses) will be converted to a number grade on the following scale:

A = 95, B =85, C =75, D=65, F=50

ACADEMIC PLANNING

2022-2023

STATE GRADUATION REQUIREMENTS

To be eligible to receive a South Carolina High School Diploma, students must:

- Earn 24 required units as listed below
- Complete the health requirement

The course requirements to receive a south Carolina High School Diploma for students in Grades 9 through 12 are as follows:

English*	4 Units
Mathematics*	4 Units
Science*	3 Units
U.S. History*	1 Unit
Economics	1/2 Unit
Government	1/2 Unit
Other social studies	1 Unit
Computer Science**	1 Unit
Physical Education or NJROTC	1 Unit
World Language or Career and Technology Education Elective***	1 Unit
Electives	7 Units
Total Required	24 Units

**Students must successfully complete an end-of-course test in English, Math, Science and History for graduation.*

***The courses that count for Computer Science in York School District One include the following:*

- ⇒ Advanced Computer Service Repair
- ⇒ Advanced Web Page Design and Development
- ⇒ Computer Service Repair
- ⇒ Computer Programming 1
- ⇒ Computer Programming 2
- ⇒ Fundamentals of Computing
- ⇒ Fundamentals of Web Page Design and Development
- ⇒ IT Fundamentals
- ⇒ Principles of Engineering POE

Theses are subject to change

****All students must earn one unit of foreign language or one unit in the technology center (in addition to the computer science unit)*

State Law also requires a **health program** that will include at least 750 minutes of instruction in reproductive health education and pregnancy prevention education with instruction that adoption is a positive alternative. Comprehensive Health is taught as part of the PE 1, NJROTC 1, and (beginning F2019) Marching Band 1 curriculum.

CLASS RANK CALCULATION

All courses taken for high school graduation credit are included in the calculation of class rank. The instructional level of each course, the student's grade in each course, and the total number of courses attempted are included in the computation of class rank. Grade Point Average (GPA) is calculated using the following formula:

$$\text{GPA} = \frac{\text{Sum of quality points from each grade earned}}{\text{Sum for units attempted}}$$

Once a GPA has been computed for all students, all grade point averages are rank ordered numerically from highest to lowest and each student's class rank is determined by the position of his/her GPA relative to all other students in a given grade. Class rank is calculated at the end of each semester. All GPA calculations for the purpose of determining class rank are calculated at the end of the school year prior to graduation. Honors and awards are determined by the final class rank.

ATTENDANCE REQUIREMENTS

Student attendance laws require the following days present to receive credit - provided the student receives a passing grade in the course:

- ⇒ In a 45-day course, a student must attend 42 days.
- ⇒ In a 90-day course, a student must attend 85 days.
- ⇒ In a 180-day course, a student must attend 170 days.

Students who exceed the approved limits for unexcused absences do not receive credit in the course.

ACADEMIC PLANNING

2022-2023

PROMOTION STANDARDS AND CRITERIA

Classification of Students

Grades 9-12

Minimum requirements have been established for promotion from one grade to the next. Students enter 9th grade if they are promoted or advanced from 8th grade. Requirements for promotion to the 10th through 12th grade are listed below.

Sophomore-Grade 10 (5 Credits)

To be classified as a tenth grader, a student must have earned a minimum of 5 units of credit, including two of the following courses: English, Mathematics, and/or Science.

Junior-Grade 11 (10 Credits)

To be classified as an eleventh grader, a student must have earned a minimum of ten units of credit, including at least two units in English, two units in mathematics, and one unit in science.

Senior-Grade 12 (16 units)

To be classified as a twelfth grader, a student must have earned a total of 16 units of credit, including at least three units in English, three units in mathematics, one unit in science, and one unit in social studies.

Fourth year students may be classified as a senior if they have earned a minimum of sixteen credits and are enrolled in course work which will allow them to complete all requirements for graduation.

NOTE: Students must be enrolled in at least one English and one math course each of the four years of high school.

SC COLLEGE ADMISSIONS REQUIREMENTS

The Commission on Higher Education (CHE) has established the minimum course requirements for students who plan to attend a public college in South Carolina.

- Four units of college prep English (or English at the honors/AP level).
- Four units of college prep mathematics: These include Algebra 1, Algebra 2 and Geometry. A fourth higher level math should be selected from Algebra 3, Pre-calculus, Probability and Statistics, or Calculus.
- Three units of laboratory science: Two units must be taken in two different fields and be selected from among biology, chemistry or physics. The third unit may be from the same field as one of the first two units (biology, chemistry or physics) or a course that requires biology and/or chemistry as a prerequisite. *Physical Science DOES NOT count as a lab science to meet the CHE requirement.*
- Two units of the same foreign language: *Clemson requires three units of the same foreign language. The College of Charleston requires three units, but will accept them in two different languages.*
- Three units in Social Science: One unit of US History, a half unit of government and a half unit of economics are required.
- One unit of Fine Arts: One unit in Appreciation of, History of, or Performance in one of the fine arts (Band, Chorus, Drama, or Visual Arts).
- Elective: One unit of college preparatory elective credit in Computer Science is strongly recommended for this elective. Other acceptable electives include English, fine arts, foreign language, humanities, lab science (excluding Physical Science), or math above Algebra 2.
- One unit of Physical Education or NJROTC.

ACADEMIC PLANNING

2022-2023

EARLY GRADUATION PROCEDURES

The board and administration support a full high school program including a minimum four-year course of study. However, the board and administration recognize that occasionally early graduation is the best option for a student. If a student chooses to apply for early graduation the student must contact the school counselor no later than the end of the 3rd nine weeks of the third year of high school in accordance with policy IHFA. Students who graduate at the end of the first semester are no longer YCHS students, will not be included in class rank after 1st semester and are therefore not eligible to attend to participate in student activities including Prom, Senior Picnic, etc. ***Beginning 2020-2021 Early Graduates, will only be eligible to participate for the WINTER COMMENCEMENT exercises.***

If you are planning to be an early graduate who will complete high school diploma requirements after 1st semester of your senior year, see your counselor about options/procedures for enrolling in a post-secondary program for 2nd semester.

SPECIAL EDUCATION

Special education courses provide instruction in vocational, remedial and social skills to qualified students. Students qualifying for special education services must meet requirements set forth by the South Carolina Department of Education. Due process procedures are followed for eligibility and placement in special services programs. An individual educational plan (IEP) is designed for each student.

Services are provided for students with the following qualifying conditions: Autism, Deaf and Hard of Hearing, Deaf-blindness, Developmental Delay, Emotional Disabilities, Intellectual Disabilities, Multiple Disabilities, Orthopedic Impairment, Other Health Impairment, Specific Learning Disability, Speech-Language Impairment, Traumatic Brain Injury and Visual Impairment.

Students receive services through monitoring, inclusion/co-teaching models, content mastery classes, Support II or III programs or itinerant arrangements. Functional skills are emphasized to promote a smooth transition from school to work.

Special education students who are in the diploma program must earn 24 units to receive a high school diploma. (Special education courses count as electives.) Special education students who are in the Occupational Credential program must earn 24 units in academic, vocational, school and community based internships and functional living skills. A special education attendance certificate is also available to special education students.

NCAA ELIGIBILITY CRITERIA

The National Collegiate Athletic Association (NCAA) sets policies regarding athletic eligibility for Division I and Division II schools. To be eligible for financial aid, practice and competition during the

freshman year, students must: (1) graduate from high school; (2) present a minimum combined test score on the SAT or a minimum combined score on the ACT according to a sliding scale using the GPA from core courses; and (3) present a minimum GPA in at least 16 core courses in subject areas as defined by the NCAA. Students planning to participate in athletics at Division I or Division II colleges or universities must be certified by the NCAA Eligibility Center. Students should apply for certification early in their junior year. Student Release Forms needed for this process are available on the NCAA Eligibility Center Web site at: www.eligibilitycenter.org.

Note: New NCAA guidelines state that Credit Recovery courses WILL NOT count toward college athletic eligibility!

INTERSCHOLASTIC ACTIVITIES ELIGIBILITY AND PARTICIPATION GUIDELINES (ATHLETICS, BAND, AND CHORUS)

Eligibility Guidelines

- A. All students interested in participation in interscholastic activities must be enrolled as a full-time student as determined by guidelines set forth by the State Department of Education. *A student who is repeating a course for which previous credit has been received (considered as monitoring a course under eligibility rules) cannot count the course towards full-time status eligibility.*
- B. Students must satisfy eligibility requirements in the semester preceding participation.
 - A course that is dropped after the 20th day of a semester with a failing average will be considered as a failed course when determining academic eligibility for the following semester
 - Credit courses used for eligibility purposes must be courses that are applicable for credit toward a state high school diploma. A student may also use college credit courses provided the student has met or is meeting all requirements for graduation.
 - Academic deficiencies may not be made up through enrollment in adult education programs.
 - Credits earned in summer school approved by the State Department of Education may apply for first semester eligibility. ***A maximum of two units per year may be used.***
 - A maximum of two credit recovery units may be used toward eligibility, to include the two units presently allowed in summer school. The course would have to be accepted by the State Department of Education for graduation and accredited by a certified teacher in that field. ***To be eligible for credit recovery credits, the student must have earned a minimum grade of 50 in the course first attempt.***

ACADEMIC PLANNING

2022-2023

INTERSCHOLASTIC ACTIVITIES ELIGIBILITY AND PARTICIPATION GUIDELINES (ATHLETICS, BAND, AND CHORUS)

C. A student must not have received a high school diploma or its equivalent.

D. Schools will follow the procedures outlined in the School Administrators Guide, published by the State Department of Education, in accepting or rejecting credits received by a student while the student is enrolled in private schools, including home schools and/or out of state schools.

PARTICIPATION GUIDELINES

Participation Guidelines for Students in Grade 9-12

To be considered eligible to participate in interscholastic activities students in grade 9-12 must satisfy all eligibility requirements in the semester preceding participation:

1. Achieve an overall passing average
2. Meet Semester Eligibility Criteria
 - a. *First Semester Eligibility:* Student earned a minimum of five Carnegie units applicable toward a high school diploma during the previous year of which at least two units have been passed during the second semester or Summer school.
 - b. *Second Semester Eligibility:* Student must meet one of the following conditions -
 - i. If first semester eligibility requirements were met; student must also pass the equivalent for four, 1/2 unit credit courses during the first semester.
 - ii. If first semester eligibility requirements were not met; student must pass the equivalent of five, 1/2 unit credit courses during the first semester.

For Example

Traditional or A/B Block Schedule

If eligible first semester, student must pass four subjects.

If not eligible first semester, student must pass five subjects.

4x4 Block Schedule (units or 1/2 units are granted at the end of the first semester)

If eligible first semester, student must earn 2 units.

If not eligible first semester, student must earn 2 1/2 units.

3. Special Circumstances (Eligibility of Handicapped Students)

- a. Students diagnosed as handicapped and being served in a non diploma program shall be considered eligible for participation in interscholastic activities if he/she is successfully meeting the requirements of his/her Individual Education Plan (IEP)
- b. Student diagnosed as handicapped and being served in a program leading to the state participation in interscholastic activities.

Academic and Participation Requirements 7th, 8th, and first semester 9th Grade Students

1. Students who have been academically promoted in the sixth, seventh, and eighth grades (not by social promotion or placement) are considered to have met the requirements for academic eligibility for the first semester.
2. Students in grades seven and eight must be meeting the school district promotion policy at the end of the first semester in order to be eligible for second semester. *Second semester ninth grade students must meet League academic regulations.*
3. A seventh or eighth grade student who is repeating a grade shall not be eligible during a school year if academic requirements for promotion were not met during the previous year. **NOTE:** *A student failing seventh or eighth grade is eligible during second semester if he/she has satisfactorily passed first semester work.*

SPECIALIZED DIPLOMAS/AWARDS

YORK SCHOOL DISTRICT ONE-DIPLOMA WITH DISTINCTION

To qualify the student must:

1. Complete all requirements for a South Carolina High School Diploma.
2. Complete 28 units of high school credit including 4 units of English, 4 units of math, 4 units of science, 4 units of social studies with no grade lower than a C.
3. Earn 4 units within a selected major.
4. Participate in one school activity each year in grades 9-12 or complete 100 hours of community service during grades 9-12.

Students who have a history of misbehavior or who have shown a flagrant disregard for school/district rules WILL NOT be eligible for a Diploma with Distinction.

** Gold Level recognition requires a 4.2 GPA, and Silver Level requires a 3.75 GPA*

GRADUATION AND ACADEMIC HONOR AWARDS

In order to participate in the graduation ceremony, seniors must have completed all course requirements for a diploma and be enrolled as a full-time student 2nd semester. In addition, those students who are approved to graduate at the end of first semester may participate in the graduation ceremony.

ACADEMIC PLANNING

2022-2023

South Carolina Diploma Pathways

Students enrolled in South Carolina high schools shall have the opportunity to earn graduation Seals of Distinction within each high school diploma pathway that identifies a particular area of focus, beginning with the freshman class of 2018-19. The following requirements of state Seals of Distinction were released by the South Carolina Department of Education on September 10, 2019.

Honors Seal of Distinction	College-Ready Seal of Distinction	Career Seal of Distinction	Specialization Seal of Distinction
<u>GPA</u> 3.5 or higher <u>English</u> 4 credits; two at honors or higher level <u>Math</u> 4 credits; three at honors or higher level (Algebra 2 should be prerequisite for the fourth higher level credit) <u>Lab Science</u> 3 credits; two at honors or higher level <u>Social Studies</u> 3 credits; two at the honors or higher level <u>World Languages</u> 2 credits of the same language for 2018-19 entering ninth graders; 3 credits of the same language for entering ninth graders 2019-2020 and beyond <u>Advanced Coursework</u> 4 credits of honors or higher in the last two years prior to graduation	<u>GPA</u> 3.0 or higher <div style="text-align: center;"><u>OR</u></div> ACT = composite score of 20 or above <div style="text-align: center;"><u>OR</u></div> SAT = 1020 or above (combined math and evidenced-based reading/writing scores) English 4 credits <u>Math</u> 4 credits; no honors math credits required; credits must include Algebra 1 (or equivalent), Geometry, Algebra 2, and fourth math with Algebra 2 or Integrated Math 3 as a prerequisite <u>Lab Science</u> 3 credits <u>Social Studies</u> 3 credits <u>World Language</u> 2 credits of the same language <u>Fine Arts</u> 1 credit	<u>GPA</u> 2.5 or higher <u>English</u> 4 credits <u>Math</u> 4 credits <u>Science</u> 3 credits <u>Social Studies</u> 3 credits <u>Other</u> Completion of an EEDA major and one of the following: 1) at least one industry-recognized credential 2) silver or higher on WIN, or 3) a semester-long work-based learning placement credit	<u>GPA</u> 3.0 or higher (all areas) Student must complete one of the following areas to qualify: <u>STEM</u> 4 credits beyond required courses in math, science, and technology; at least two must be at honors level or higher; may be in one area of STEM or across four areas <u>World Language</u> 4 credits in the same language; completion of one of the following: 1) minimum ACTFL exam score of "Intermediate Low" (or an equated score on STAMP or ASL assessment), 2) AP exam score of 3 or higher, or 3) IB exam score of 4 or higher before the senior year; English Learners must complete all criteria above and Level 5 composite ACCESS test score <u>Military</u> 4 credits in JROTC and an ASVAB score of 31 or higher <u>Arts</u> 4 credits in single or multiple areas of the Arts; two or more at honors or higher level; mastery on external exam or performance task

ACADEMIC PLANNING

2022-2023

VALEDICTORIAN/SALUTATORIAN

The student who has earned the highest GPA in the senior class at the end of the senior year will be named Valedictorian. The student who has earned the second highest GPA at the end of the senior year will be named Salutatorian. Students must be enrolled on the first day of the senior year to be eligible for these honors. These two students will deliver commencement addresses, receive a medal honoring their achievement, and lead the graduates in the processional at graduation.

YCHS HONOR GRADUATES

Seniors with an overall Grade Point Average (GPA) of 4.2 at the end of the senior year are recognized as honor graduates. Honor graduates march following the students receiving the State Academic Honor Awards at graduation and wear a gold tassel.

STATE ACADEMIC HONOR AWARDS

The State of South Carolina recognizes students who have earned the following:

- ⇒ 1400 SAT/31 ACT by April of the graduating year and 24 units to earn a diploma
- OR**
- ⇒ 710 SAT verbal or 690 SAT math; 30 ACT English or 33 ACT Math by April of the graduating year
- AND**
- ⇒ completion of required units with no grade lower than a B (4 English, 4 Math, 3 Lab Science, 3 Social Studies, 1 Computer Science, 1 PE, 2 Foreign Language, 4 Electives, 2 extra English/Math /Science/ Social Studies).

These students follow the Valedictorian, Salutatorian, Class President, and Student Body President in the graduation processional and are verbally recognized during the graduation ceremony. In addition, the state provides a certificate of recognition.

HONOR SOCIETIES

YCHS sponsors a chapter of the National Honor Society. Students are eligible for membership in the 11th and 12th grade if they earn and maintain a cumulative 4.2 GPA or higher and are in good academic standing with good discipline records.

FDJTC sponsors a chapter of the National Technical Honor Society. Membership is limited to 11th and 12th grade students who have completed at least two technology courses in an area and are enrolled in a third. These students must have a 3.5 GPA in Technology Center courses, a 3.0 overall GPA, follow the attendance policy and have no suspensions on their discipline record. The students must be an active member in a FDJTC student

organization.

The academic area honor societies include French, Spanish, Math, and English. Criteria are found in the Agenda handbook or may be obtained from any teacher in that academic area.

SOUTH CAROLINA STATE MERIT SCHOLARSHIPS AND TUITION ASSISTANCE

The State of South Carolina provides scholarships and tuition assistance to students attending in-state colleges and universities. For more information and details, please visit the website for the SC Commission on Higher Education at www.che.sc.gov and click on the tab for Student and Parents. A summary of the criteria follows.

Palmetto Fellows Scholarship – SC public and private colleges \$6700 for 1st year, then \$7500 for last 3 years; awarded to all who qualify. Application required. Early award deadline - December 15; late award deadline - June 15.

Must meet all criteria:

- 1200 SAT or 27 ACT (SAT = CR+M scores)
- Top 6% of the class at the end of the 10th or 11th grade; or 12th grade for late award with 3.5 GPA
- 1400 SAT or 32 ACT and a 4.0 GPA

Enhanced Palmetto Fellows - \$10,000 for sophomore-senior year. In addition to meeting the other requirements for Palmetto Fellows, the student must: Declare an interest in a math, science, computer science, engineering, math/science education major when they apply and complete required 14 credit hours of courses as a freshman.

LIFE Scholarship – \$4700/year plus \$300 book allowance to attend 4-year in-state public or private college; full tuition and fees for technical college; or 2-year college plus a \$300 book allowance awarded to all who qualify. No application required. Must meet 2 of the 3 criteria for 4-year colleges:

- 3.0 GPA
- 1100 SAT or 24 ACT, (not required for the 2-year or technical colleges) (SAT = CR+M scores)
- Top 30% at the end of the senior year (not required for 2-year or technical college)

Enhanced LIFE - \$7500 for sophomore to senior year

In addition to meeting the other requirements for LIFE Scholarship, the student must: Declare an interest in a math, science, computer science, engineering, math/science education major when they apply complete required 14 credit hours of courses as a freshman.

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South Carolina HOPE Scholarship - \$2800 to 4-year colleges. One year scholarship to graduates with a 3.0 GPA who are going to a 4-year college but don't meet the LIFE criteria. This scholarship from the proceeds of the Education Lottery is offered year-to-year based on the lottery funds available.

Lottery Tuition Assistance – funds available to technical and 2-year colleges for students who do not qualify for the LIFE Scholarship. When the students file the FAFSA form, they are considered for these funds. The amount varies each year.

ACADEMIC SUPPORT AND ACCELERATION

The academic program at the high school offers multiple paths for students to engage in rigorous and challenging coursework as well as provides a flexible program of options designed to keep students on track for graduation. Regardless of academic ability, all students can receive needed extra time and extra support through the Academic Reinforcement Center and the High School to College and Career transition programs and services available.

ACADEMIC REINFORCEMENT CENTER

The Academic Reinforcement Center (ARC) is an important “extra time and extra support” resource that is accessible to all YCHS/FDJTC students. Students are encouraged to take advantage of the wide variety of opportunities for academic assistance and college entrance examination preparation support available before, during, and after school through the Academic Reinforcement Center. The Center serves students who need additional support to master content or complete assignments as well as those who working on Credit Recovery and Initial or Advanced Placement coursework, preparing for Exit or End-of-Course exams, or practicing for college and career entrance exams (SAT, ACT, COMPASS, ASVAB and WIN Certification). Home access to some programs can be arranged as well. *See your school counselor or the ARC Director for more information.*

HIGH SCHOOL TO COLLEGE AND CAREER TRANSITIONS

College and Career readiness is an expectation and a goal for all students regardless of their educational or career aspirations. To be successful in the service, information, and technology-based global economy, workers need the skills and credentials that postsecondary education provides. Given the long term course taking and postsecondary planning that college and workplace readiness requires, students must begin the college readiness process...Early. (College Readiness ACT Policy Report, 2005.)

The “High School to College and Career” transition program is designed to increase student readiness for the academic rigor of college and career expectations. Students are encouraged to take challenging coursework to build the skills required to successfully master college-level and career preparation coursework. Dual

credit and Advanced Placement (AP) earn college credit within the support structure of the high school. Online AP courses are offered through Apex Learning and the South Carolina Virtual School (SCVS). The Western York County Middle College is an additional avenue for pursuing college credit for qualifying students. Interested students should talk with their school counselor about these options and the necessary steps to follow to pursue admittance into dual credit option programs.

DUAL CREDIT COURSE OPTIONS

Dual credit courses are those courses for which the student has been granted permission by their home school to earn both Carnegie units required for a state high school diploma and college credit. The student must apply and be admitted to the college before they will be approved to take courses for dual credit. **Courses considered for dual credit purposes must be approved by the school district and are included in the course catalog.**

Career Technology courses are the exception to this rule with approval by administration.

York Comprehensive High School participates in four dual credit programs and many of the college courses are offered on the high school campus. Dual credit courses are through York Technical College, USC-Col, and Winthrop University. Students who are interested in enrolling in a dual credit course must meet all college entrance and specific program criteria as specified by the individual institutions.

YORK TECHNICAL COLLEGE

The York Technical College program offers students who qualify the opportunity to earn college credit through courses taught on the high school campus. The courses are taught by college instructors or college accredited YCHS teachers.

Students may be required to pay a college registration or course fee and may be required to purchase the required textbooks. To participate in any dual credit program, students must meet specified criteria established by the college. A three-hour dual credit college course may transfer as one Carnegie unit of credit toward the requirement for a South Carolina High School Diploma.

WINTHROP UNIVERSITY

Through a cooperative agreement with Winthrop University, qualified seniors may be able to earn dual credit in high school by enrolling in Teacher Cadet. Students must have a 3.0 overall GPA to qualify for enrollment. Upon successful completion of the course, three semester hours of college credit and one unit of high school credit will be awarded.

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As with any college course, students may be required to purchase a textbook and any other materials needed for the course. **Students also pay a \$55 enrollment fee as required by Winthrop University.** Winthrop determines the content of the course and the grading procedures. Students must understand that since Winthrop offers the course, they have the final say regarding who receives college credit at their institution; the same is true for other colleges who set their rules for accepting college transfer credit for courses like Teacher Cadet.

By enrolling in a dual credit course, students should be aware that they are establishing an official college transcript; consequently, it is important that they have the time to devote to the class. While Winthrop University/York Technical College awards three semester hours upon successful completion of one of these courses, they cannot guarantee the acceptance of any credit at another college. If a student plans to attend a college or university other than Winthrop University or York Tech, he/she must be aware of the school's policy and procedure for receiving transfer credits. **Additional information about how courses transfer can be found at www.sctrac.org.**

Interested students should work closely with their counselor to determine the appropriateness of any of these courses and the necessary steps to follow if they choose to pursue admittance to this program.

ENROLLMENT REQUIREMENTS

Any student that has a 3.0 GPA qualifies for dual credit classes. If a student has a GPA lower than a 3.0 than he/she will need the required test scores below.

Minimum qualifying scores for dual-credit college-level course:

<i>Reading</i>	<i>Math (Associate Degree)</i>
SAT V (480)	SAT Math (400)
ACT Reading (21)	ACT (Math (16)
<i>Writing</i>	<i>Math (4 Year College Transfer)</i>
SAT (480)	SAT Math (570 or higher)
ACT Reading (21)	ACT Math (23 or higher)

Students must be officially admitted to the college.

- Courses taken through dual enrollment will be included in the student's GPA/rank and weighted as Dual Credit/Advanced Placement (AP)/International Baccalaureate (IB) in accordance with the South Carolina Uniform Grading Policy.
- A three-hour credit college course transfers as one (1) high school unit of credit.
- A minimum qualifying score on the ACCUPLACER placement tests, ACT, or SAT are required for enrollment in dual credit courses.

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YORK SCHOOL DISTRICT ONE-DUAL CREDIT ENROLLMENT OFFERINGS

**YSD1 score requirement is in addition to the program, college or university requirements for course enrollment.*

Students must meet entrance requirements of the institution of higher education from which college credit is given. Requirements may include a completed application, GPA (generally a 3.0), possible work samples, and possible teacher recommendations. Students may also be responsible for entrance or course fees as determined by the institution of higher education. Please see your high school guidance counselor for specifics regarding entrance requirements and/or fees prior to enrolling in dual credit.

Career and Technology Courses		York Comprehensive High School Courses	
FDJTC	YORK TECH	YCHS	YORK TECH
COURSE NAME	COURSE	COURSE NAME	COURSE
Accounting 2	ACC 111	Biological Science I	BIO 101
Health Science 2	AHS 117	Biological Science II	BIO 102
Fundamentals of Building Const.	BCT 102	Anatomy & Physiology I	BIO 210
Tool Usage and Safety	BCT 105	Anatomy & Physiology II	BIO 211
Introduction to Early Childhood	ECD 101	Intro to Criminal Justice	CRJ 101
Growth and Development II	ECD 203	Criminal Law	CRJ 115
AC/DC Circuit	EEM 117	English	ENG 101
Control Circuits (Lecture and Lab)	EEM 145	English	ENG 102
DC/AC Machines	EEM 215	Communications I	ENG 155
DC/AC Drives	EEM 221	Western Civilization	HIS 101
Electrical Computations	ELW 110	American Hist: Discovery to 1877	HIS 201
Introduction to Electricity	ELW 112	American History: 1877 to present	HIS 202
Overhead Line Construction I	ELW 114	Technology and Society	HSS 205
Underground Line Construction I	ELW 211	Microcomputer Appl.	CPT 170
Machine Tool Print Layout	EGT 128	Cisco Internetworking Concepts	IST 201
Machine Tool Theory & Practice I	MTT 111	Psychology	PSY 201
Machine Tool Theory & Practice II	MTT 112	Political Science	PSC 201
CNC Programming I	MTT 254	Macroeconomics	ECO 210
Gas Welding and Cutting	WLD 104	Public Speaking	SPC 205
ARC Welding I	WLD 111	Sociology	SOC 101
ARC Welding II	WLD 113	Contemporary Mathematics	MAT 155
Advanced Inert Gas Welding	WLD 136	College Algebra	MAT 110
Tungsten ARC Welding	WLD 152	Pre-Calculus	MAT 112
		Probability & Statistics	MAT 120
		Analytical Geometry & Calculus	MAT 140
		College Orientation (YTC)	COL 101
		Teacher Cadet (WU)	TC 175 (Winthrop)

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DUAL CREDIT COURSE DESCRIPTIONS

All courses require students to have a minimum 3.0 GPA overall to enroll. Courses can be added or deleted as determined by participating colleges/universities.

ENG 101: English Composition 1

This is a course in which the following topics are presented: a study of composition in conjunction with appropriate literacy selections, with frequent themes assignments to reinforce effective writing. A review of standard usage and the basic techniques of research are also presented.

Credit: College – 3 hours; High School – 1 unit English

ENG 102: English Composition II

This is a (college transfer) course in which the following topics are presented: development of writing skills through logical organization, effective style, literary analysis and research. An introduction to literary genre is also included.

Credit: College – 3 hours; High School – 1 unit English

ENG 155: Communications 1

This course introduces the principles of expository writing and public speaking through practice and development of communication skills.

Credit: College – 3 hours; High School – 1 unit English

ECO 210: Macroeconomics

This course includes the study of fundamental principles and policies of a modern economy to include markets and prices, national income accounting, cycles, employment theory and fiscal policy, banking and monetary controls, and the government's role in economic decisions and growth.

Credit: College – 3 hours; High School – 1/2 unit Economics

BIO 101: Biological Science 1

This course is the first of a sequence introducing biology. Topics include the scientific method, basic biochemistry, cell structure and function, cell physiology, cell reproduction and development, mandolin genetics, population genetics, natural selection, evolution, and ecology.

Credit: College – 4 hours; High School – 1 unit Science

BIO 102: Biological Science 2

This is a continuation of introductory biology which includes classification of organisms and structural and functional considerations of all kingdoms (particularly major phyla as well as viruses). Vertebrate animals and vascular plants are emphasized.

Credit: College – 4 hours; High School – 1 unit Science

BIO 210: Anatomy & Physiology I

This is the first in a sequence of courses, including an intensive coverage of the body as an integrated whole. All body systems are studied.

Credit: College – 4 hours; High School – 1 unit Science

BIO 211: Anatomy & Physiology II

This is a continuation of a sequence of courses, including intensive coverage of the body as an integrated whole. All body systems are studied.

Credit: College – 4 hours; High School – 1 unit Science

CPT 170: Microcomputer Applications

This course introduces microcomputer application software including word processing databases, spreadsheets, graphs, and their integration.

Credit: College – 3 hours; High School – 1 unit Elective credit

CRJ 101: Introduction to Criminal Justice

This course includes an overview of the functions and responsibilities of agencies involved in the administration of justice to include police organizations, court systems, correctional systems, and juvenile justice agencies.

Credit: College – 3 hours; High School – 1 unit Social Studies

CRJ 115: Criminal Law

This course covers the development of criminal law in America. The basic elements of specific criminal offenses, criminal defenses and various legal principles upon which criminal law is established are reviewed.

Credit: College – 3 hours; High School – 1 unit Social Studies

HIS 101: Western Civilization to 1689

This course is a survey of Western Civilization from ancient times to 1689, including the major political, social, economic, and intellectual factors shaping western cultural tradition.

Credit: College – 3 hours; High School – 1 unit Social Studies

HIS 201: American History—Discovery to 1877

This course is a survey of U.S. history from discovery to 1877. This course includes political, social, economic, and intellectual developments during this period.

Credit: College – 3 hours; High School – 1/2 unit US History

HIS 202: American History—1877 to present

This course is a survey of U.S. history from 1877 to the present. This course includes political, social, economic, and intellectual developments during this period.

Credit: College – 3 hours; High School – 1/2 unit US History

HSS 205: Technology and Society

This course is an investigation of the impact of the 20th century technological changes in America on the individual, society, and the physical environments.

Credit: College – 3 hours; High School – 1 unit Elective

IST 201: Cisco Internetworking Concepts

This course is a study of current and emerging computer networking technology. Topics covered include safety, networking, network terminology and protocols, network standards, LANs, WANs, OSI models, cabling, cabling tools, Cisco routers, router programming, star topology, IP addressing, and network standards.

Credit: College – 3 hours; High School – 1 unit Computer Science

MAT 110: College Algebra

This course includes the following topics: polynomial, rational, logarithmic and exponential functions; inequalities; systems of equations and inequalities; matrices; determinants; simple linear programming; solutions of higher degree polynomials; combinatorial algebra, including the binomial theorem; and introduction to probability. (Graphing calculator required)

Credit: College – 3 hours; High School – 1 unit Mathematics

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DUAL CREDIT COURSE DESCRIPTIONS CONTINUED

All courses require students to have a minimum 3.0 GPA overall to enroll. Courses can be added or deleted as determined by participating colleges/universities.

MAT 112: Precalculus

This course includes the following topics: algebraic, exponential, logarithmic, and trigonometric functions and their graphs; analytic trigonometry; analytic geometry; and applications of trigonometry.

Credit: College—5 hours; High School—1 unit Mathematics

MAT 120: Probability and Statistics

This course includes the following topics: introductory probability and statistics, including organization of data, sample space concepts, random variables, counting problems, binomial and normal distributions, central limit theorem, confidence intervals and test hypothesis for large and small samples; types i and ii errors, linear regression; and correlation.

Credit: College – 3 hours; High School – 1 unit Mathematics

MAT 140: Analytical Geometry & Calculus

This course includes the following topics: derivatives and integrals of polynomials; rational, logarithmic, exponential, trigonometric, and inverse trigonometric functions; curve sketching; maxima and minima of functions; related rates; work; and analytic geometry.

Credit: College—4 hours; High School—1 unit Mathematics

MAT 155: Contemporary Mathematics

This course includes techniques and applications of the following topics: elementary number theory; algebra; geometry; measurement; graph sketching and interpretations; and descriptive statistics.

Credit: College – 3 hours; High School – 1 unit Mathematics

PSY 201: General Psychology

This course includes the following topics: an introduction to the basic theories and concepts in the science of behavior, scientific method, biological bases for behavior, perception, motivation, learning memory, development, personality, and abnormal behavior.

Credit: College – 3 hours; High School – 1 unit Social Studies

PSC 201: American Government

This course is designed to introduce you to the study of American government and politics. The course will examine the constitution and characteristics of American democracy, the basic structure and functions of the three branches of government (Presidency, Congress, Judiciary), as well as significant actors in the U.S. political system (e.g., political parties, interest groups, news media). This course is paired with a semester-long Economics Honors course.

Credit: College – 3 hours; High School – 1/2 unit of American Government

SPC 205: Public Speaking

This course is an introduction to principles of public speaking with application of speaking skills.

Credit: College – 3 hours; High School – 1 unit Elective credit

SOC 101: Introduction to Sociology

This course emphasizes the fundamental concepts and principles of sociology, including culture, socialization, interaction, social groups and stratification, effects of population growth, and technology in society and social institutions.

Credit: College – 3 hours; High School – 1 unit Social Studies

COL 101—College Orientation

This course may include selected topics such as career planning, study skills, stress management, tutoring, group guidance, and other subjects to facilitate student success.

Credit: College – 1 hours; High School – 1 unit Elective

*This course is offered to students enrolled in 2 or more courses.

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WESTERN YORK COUNTY MIDDLE COLLEGE PROGRAM (RISING SENIORS ONLY)

This program is a partnership between York 1 and York Technical College. The Middle College program is a non-traditional high school program for rising juniors and seniors designed for students with academic aptitude and the desire to attend college. Students participate in the college preparation activities, receive academic support and have the option to earn 15 hours of college credit during their senior year. Students seeking admission into the Middle College program must complete a formal application that includes a letter of interest, panel interview and teacher recommendations before the student can be considered for selection by the Middle College Admissions Committee. To learn more about the program, please see your counselor.

ARC LEARNING ADVANCED PLACEMENT COURSE OPTIONS

ARC Learning Advanced Placement courses are authorized by the College Board and meet higher-education expectations of college-level courses. The courses are designed to prepare students to demonstrate achievement through success on the AP exams and target highly motivated students who are reading at grade level or above and who have a track record of success in high school coursework. Each semester course offers approximately 120-150 hours of direct instruction and integrated formative, summative, and diagnostic assessment. Students taking AP courses are required to take the course Advanced Placement examination in the spring. Course fees to cover the costs of books and materials may be charged.

The following ARC Learning courses are available:

AP Biology (2 semesters), AP Chemistry (2 semesters), AP Physics (2 semesters), AP Microeconomics (1 semester), AP Macroeconomics (1 semester), AP Government (1 semester), AP Psychology (1 semester)

CREDIT AND ACADEMIC CONTENT RECOVERY

Credit and Academic Recovery are options open to students who need to retake a core course in order to graduate or need to take a course to get back on track for graduation. Credit Recovery and Academic Recovery are offered via the ARC program at YCHS. SC Virtual School is also an option that students may consider. In order to be eligible to participate in Credit Recovery the student must have failed the course with a grade of 50-59; upon completion of Credit Recovery the student will receive a pass/fail and 1 Carnegie credit for the completed course. To participate in either Credit Recovery or Academic Recovery, the student must complete an application that includes parent and counselor approval, and follow the guidelines set forth in the application.

SOUTH CAROLINA VIRTUAL SCHOOL

The General Assembly established the South Carolina Virtual School Program (SCVS) to provide students with the opportunity to

enroll in high quality technology-delivered courses. The SCVS offers courses for high school credit in which teaching is conducted online with the teacher separated from the student by time and/or distance. Students who are interested in this option should be self-motivated, have good time management skills, and be willing to devote time to the course beyond the regular school day.

Students must be enrolled as a full-time student in York School District One and be given permission by the high school to enroll in SCVS prior to course enrollment. All courses for which there is a state required end-of-course exam require special approval. **Only two, one-unit initial credit virtual courses may be taken during any school year.** It is the responsibility of the student to have access to a computer connected to the Internet and to complete coursework according to SCVS guidelines and within deadlines. All required exams are administered at the discretion of the school. For additional information and course offering listings: www.virtualsc.org.

SCVS enrollment is designed for students who need to get back on track for graduation, have scheduling conflicts affecting their IGPs, have medical issues, and other special circumstances. SCVS should not be viewed as an "easy alternative" for completing course credit. The work is demanding and requires dedication and commitment on the part of the student.

SUMMER SCHOOL

Summer school is offered at the discretion of the school district as a credit recovery option for students. Participation guidelines and costs are released each spring and are designed to enable students to recover credit. Application forms will be available in the school counseling office; space is limited, and students are approved for participation based on a priority system.

COLLEGE AND CAREER READINESS

EDUCATION & CAREER PLANNING RESOURCES

Students are encouraged to plan their course of study based on their career interests and educational goals. The school district assists students in this process in a variety of ways. Students are encouraged to take advantage of these opportunities. This information is helpful to students as they develop and revise their Individual Graduation Plans (IGP).

CAREER/EDUCATIONAL LIBRARIES

Students are encouraged to become familiar with printed resources available in the guidance office, technology center or media center. Up-to-date information about a variety of careers, post-secondary institutions and training programs is available there. Students may also access college applications and scholarship information/applications online or through the guidance office.

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COLLEGE AND CAREER ASSESSMENTS

SCOIS CAREER INFORMATION SYSTEM

The South Carolina Occupational Information System (SCOIS CIS) is a computer-based system of up-to-date career, educational and occupational information. Students may complete interest inventories and explore more than 1700 occupations. The college search feature includes all two- and four-year colleges and universities in the United States. Other features include a course planner and a scholarship search. See your counselor for user name and password.

PSAT

The Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test (PSAT, NMSQT) introduces students to the organization and question types found on the Scholastic Aptitude Test (SAT). Students gain test-taking skills and can use their PSAT results to predict their scores on the SAT. The junior year scores are also used in selecting semifinalists for the National Merit Scholarship awards. Several colleges use PSAT for determining early admissions and programs, such as the Governor's School, use them in their selection process. 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**. All college bound juniors are encouraged to pay the registration fee and take the PSAT.

ACT, SAT, & GEN NEXT ACCUPLACER COLLEGE ENTRANCE EXAMS

The American College Testing Assessment (ACT) and the Scholastic Aptitude Test (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. GEN NEXT- ACCUPLACER is used for placement into York Technical College. All 3 tests are offered on the high school campus throughout the school year. Preparation assistance for all 3 tests as well as the Armed Services Vocational Assessment Battery (ASVAB) are available through the Academic Reinforcement Center (ARC). Some students may utilize their ACT Aspire scores and PSAT scores to help them determine the test that might be most beneficial for them.

The ACT and SAT 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 reasoning. The SAT measures these skills in English, mathematics and reading. These areas are tested because they include the major areas of instruction in most high school and college programs. See your Counselor about when to take the writing portion of the test. For more information or for free practice test for the SAT go to www.collegeboard.org and for the ACT go to www.actstudent.org.

PREACT

Each year nearly 3 million high school juniors and seniors take the ACT to gain insights into their college and career readiness. PreACT, administered in grade 10, gives students practice with the

ACT test and empowers them, their parents, and educators with these valuable insights even sooner. The PreACT provides an early indication of progress and ideas for improvement prior to ACT testing and fast reporting. The choices a student makes in high school help chart a course for life after it. Educators can use insights from PreACT report data to help students prepare for success— and start making informed choices well before graduation.

WIN READY TO WORK (R2W)

WIN-Ready to Work (R2W) is an employment skills assessment system. Employers use WIN R2W to measure workplace skills of employees and job applicants. Schools and colleges also use WIN R2W to prepare students for the workplace.

WIN R2W made up of several assessment tests that measure different kinds of employment-related skills. Three assessments demonstrate basic skills and one demonstrates "soft skills":

- ⇒ Applied Mathematics
- ⇒ Reading for Information
- ⇒ Locating Information
- ⇒ Essential Soft Skills

SAT-II

The SAT-II is the name for the tests formerly referred to as Achievement Tests. Some colleges request that students take one or more of these tests for admission and/or placement. The SAT-II is given on the same dates and at the same time as the SAT-I except for the March test date. All SAT-II tests are one hour in length; therefore, students may take from one to three of the tests during any one administration of the SAT-I and SAT-II.

Students attending a two-year or technical college generally do not need to take ACT or SAT for admission. Students applying to York Technical College take the ACCUPLACER placement test. However, some programs of study in the health field also require the ACT or SAT.

GEN NEXT-ACCUPLACER

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. The primary test used by York Technical College is GEN NEXT-ACCUPLACER. This test measures skills in reading, English and mathematics. GEN NEXT-ACCUPLACER testing is available on the York Technical College campus.

The GEN NEXT-ACCUPLACER test is may also be used by YCHS to determine appropriate placement of dual credit courses. You can find more information on the Internet www.yorktech.edu

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ASVAB

The Armed Services Vocational Assessment Battery (ASVAB) is a multi-aptitude test battery known as the Career Exploration Program administered by the Department of Defense. The ASVAB is comprised of ten individual tests and gives composite scores in verbal, math and academic ability. The test is given by the military and is free to high school students. The ASVAB Career Exploration Program is a tool to help students make better school and career decisions. There is a workbook that contains a career interest inventory and an exercise to help students learn more about occupations and how to match their interests and abilities to certain occupations. The ASVAB is available through the high school and local military recruiters. Although students who plan to enter the military are required to take the ASVAB, information gained on this career assessment is beneficial to any student.

PLANNING FOR THE FUTURE

WORKFORCE READY

The school district encourages students who plan to enter the workforce immediately after high school to take advantage of occupational programs available at the high school or at the Floyd D. Johnson Technology Center and to participate in as many School-to-Career, Work Based Learning opportunities as possible. Proper planning assists students immediately entering the workforce with the development of marketable job skills. If you are interested in an internship or job shadowing you will need to see Ms. Carrigan in the Technology Office.

MILITARY

Military recruiters visit the high schools regularly to talk with students who are interested in a career in the military. Students are encouraged to use their PreACT results to help them make their decisions about a military career. Students who enter the military must take the ASVAB. This information is then used in decisions about military assignments.

TWO-YEAR COLLEGE

Students who plan to attend a two-year technical college are encouraged to participate in an occupational program related to their career plans. Students enrolled in occupational programs in high school have the opportunity to earn college credits through the Technical Advanced Placement (TAP) program at technical colleges.

Students who plan to attend a two-year technical college must take the ACCUPLACER placement test. ACCUPLACER testing is available on the York Technical College campus.

Students who earn a B average in 30 hours of academic coursework at a South Carolina technical college may transfer to any public four-year college in the state. Traditional entrance requirements are waived (SAT or ACT is not required for transfer students).

FOUR-YEAR COLLEGE

Students who plan to enter a four-year college immediately after graduation should be aware of the specific college entrance requirements of the colleges. Some of that information is included in this guide. Students who plan to enter a four-year college must take a college entrance exam as a part of the admissions process. Two widely recognized college entrance exams are the SAT and the ACT. All colleges and universities in South Carolina accept both ACT and SAT scores for use in their admissions process.

COLLEGE BOUND STUDENTS

Students planning to attend a four-year college should begin considering these factors as early as eighth grade and plan their high school program accordingly.

1. Select coursework that meets the college entrance requirements.
2. Realize that your courses should be at the instructional level that helps you reach your potential and prepares you for college/career goals.
3. Determine the required courses for your intended college major.
4. Remember that grade point average, class rank, and SAT or ACT scores are all used to determine college acceptance. Entrance requirements vary among colleges. Therefore, you should read college catalogs and talk with college admission counselors concerning specifics for the college(s) in which you are interested.
5. Be aware that extracurricular and leadership activities and/or work experience may also influence your admission.

CHOOSING THE RIGHT COLLEGE

1. Evaluate your strengths and abilities. Utilize information about colleges/careers in the guidance office and media center.
2. Take the PSAT in your junior year. The tests will place you on a mailing list for college information. The PSAT in the junior year also serves as the National Merit Scholarship qualifying test.
3. Draw up a list of schools to investigate, based on your personal goals. SCOIS and other sites on the web are good resources for exploration. At least one of these computer-based career information delivery systems is available on any district-networked computer in our high school.
4. Determine requirements for admission and costs for each school on your list.
5. Arrange for college visits. When visiting, talk with admissions counselors and financial aid officers.
6. Fine-tune your list.
7. Ask for teacher/counselor recommendations.
8. Submit applications online by Dec. 1st.
9. Apply for financial aid or scholarships. Do not rule out smaller private colleges due to costs.

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COLLEGE PLANNING CHECKLISTS

EIGHTH GRADE

- ☒ Select a high school course of study to explore and become familiar with college entrance requirements. Continue career exploration activities.
- ☒ Work with parents, teachers & counselors to create an Individual Graduation Plan (IGP) to satisfy your career and educational goals. Get involved at school and in your community.

FRESHMAN YEAR

- ☒ Update your IGP and work to your academic potential. Continue career exploration activities.
- ☒ Continue to work with parents, teachers, and counselors to refine your IGP. Try job shadowing. Stay involved in school and community activities.

SOPHOMORE YEAR

- ☒ Take academically challenging courses. Investigate Summer enrichment programs.
- ☒ Meet with your counselor to plan for college. Consider job shadowing. Check your for summer opportunities and other valuable information.

JUNIOR YEAR

FALL

- ☒ Register for the ASVAB.
- ☒ Register to take the PSAT. Think about your reasons for going to college. Investigate possible career options and degree level required.
- ☒ Identify important factors in choosing a college.
- ☒ Collect information from ED-OP Day (Educational Opportunity Day). During ED-OP, students have the opportunity to talk with admissions counselors from South Carolina colleges and universities.
- ☒ Explore colleges and careers.
- ☒ Look into internships or job shadowing opportunities.
- ☒ Continue to focus on your schoolwork and to work with your parents, teachers and counselors.

SPRING

- ☒ Register for the SAT, ACT or ACCUPLACER (if GPA is below a 3.0).
- ☒ List colleges you are considering and collect information.
- ☒ Investigate summer enrichment programs.
- ☒ Continue to work to highest academic potential and to be involved in school and community activities.
- ☒ Prepare for and visit colleges.
- ☒ Continue collecting college and career information. Enroll in summer activities. Take some time to volunteer.
- ☒ Take the Compass test in the Spring, if you plan to enroll in Dual Credit courses your Senior year.

SENIOR YEAR

FALL

- ☒ Continue to take a full load of challenging courses.
- ☒ Compare the colleges on your list.
- ☒ Complete college application
- ☒ Register for the SAT, ACT or GEN NEXT-ACCUPLACER.
- ☒ Search for scholarship opportunities.
- ☒ Participate in ED-OP Day and Financial Aid Night.
- ☒ Continue visiting colleges.
- ☒ Complete applications by December 1.
- ☒ Check senior newsletters for scholarship opportunities.
- ☒ Complete scholarship applications. Observe deadlines.
- ☒ Work closely with your counselor, parents and teachers to finalize your plans.
- ☒ Apply for financial aid in October (FAFSA-Free Application for Federal Student Aid).

SPRING

- ☒ Continue to search for scholarship opportunities.
- ☒ Make your final college decision. Register for college housing.
- ☒ Complete scholarship applications.
- ☒ Complete final paperwork for college of choice.

REGISTRATION PROCESS

2022-2023

ACADEMIC INFORMATION - REGISTRATION AND COURSE SELECTION GUIDELINES

REGISTRATION & SCHEDULING PROCEDURES

Selection of the appropriate classes is one of the most important decisions for high school students and their parents each year. In order to balance class enrollments and provide adequate staffing, we request your cooperation to ensure that course selections are correct before the end of the school year.

1. **Registration** - During registration, students must select courses for the entire school year. Selection of alternate courses that you are willing to take is a very important part of the course registration process. All courses in the registration guide may not be available. Be sure to select alternates that match your interests and career cluster since students may see these in their final schedules.
2. **Parents are asked to review the Registration Guide and sign the course selection sheet.** Students are encouraged to register for the level of instruction recommended by the teachers in the core instructional areas (English, math, science, social studies and world language). If a student chooses to make selections that are different from the recommendation, the parent must sign a waiver and indicate the preferred level and course. Students are reminded that once school begins, a change in level may be impossible due to a lack of space in the course(s) to which they wish to move or limitations in rearranging other courses in the student's schedule. In such cases, the student is required to remain in the course originally chosen.
3. **Schedule changes/Withdrawing from a course** - Students are encouraged to choose courses carefully during the registration period. Once the master schedule is defined, space may not allow general schedule changes to be made. No schedule changes will be made after the start of the school year. Automatic adjustments are made if final grades, summer school completion or other factors necessitate the change. Due to schedule conflicts, there is no guarantee that all courses requested can be scheduled. Withdrawal from any course after school begins based on the limits below will result in a grade of WF (50) for the course: 3 days in a 45-day course; 5 days in a 90-day course.
4. **Retaking a course** --According to the SC Uniform Grading Policy, students are allowed to retake the same course at the same difficulty level under the following conditions:
 - Only courses in which a grade of D or F is earned may be retaken.
 - The course in which a D or F is earned may only be retaken during the current academic year or no later than the next academic school year.
 - The student's record will reflect all courses taken and the grades earned. Students who repeat a course in which a D was earned will only receive one credit for the repeated course along with the

grade earned when it was repeated.

- Students taking courses for a Carnegie unit prior to their 9th grade year may retake any such course during their 9th grade year regardless of the grade earned. In this case, only the 9th grade retake grade is used in figuring the student's Grade Point Average (GPA), and only the 9th grade attempt is shown on the transcript. This rule applies whether the grade earned is higher or lower than the pre-ninth grade attempt.
5. **Number of courses scheduled**--All students are required to take four (4) units each semester (eight units per year). Seniors must be enrolled in eight classes unless they have approval for Work Based Learning. ***Students must be enrolled in at least one English class and one math class each school year.***
 6. **Honors/Advanced Placement/Dual Credit classes**--Honors-level courses are designed for students who have superior ability and have demonstrated achievement in prior course work. Advanced Placement and Dual Credit classes offer college-level instruction in high school, preparing the student for the rigors of college. Successful scores on the AP Exam may qualify students for college credit and advanced standing in colleges and universities throughout the United States. A score of "C" or better in Dual Credit classes may provide transferrable college credit dependent upon the institution or university requirements.

Advanced Placement (AP) and Dual Credit courses are available in the district based on sufficient enrollment, and students must meet the established criteria before they can enroll in any of the courses. The specific criteria are explained in the course descriptions. AP and Dual Credit courses are college-level courses, and students should expect intensified study and great demands placed on their time and energy. Parents should encourage their student to enroll in these challenging and rigorous courses if appropriate.

CURRICULUM PLANNING FRAMEWORK

OVERVIEW

South Carolina high school students face many challenges: higher graduation standards, increasing college entrance requirements and growing workforce demands. For students to be successful, high schools must provide a curriculum that is challenging and relevant. They must also offer a sequence of courses to assist students in becoming passionate, lifelong learners.

A framework for curriculum planning aids students and their parents in this process. An effective curriculum framework must have high standards and expectations for all students, a rigorous curriculum that prepares them for post-secondary education and engaging instructional strategies designed to help students learn important concepts and ideas in depth.

The curriculum framework used by York School District One includes a rigorous curriculum design and a requirement that each student develop a challenging IGP.

REGISTRATION PROCESS

2022-2023

Working with their parents, counselors, and teachers, students develop plans that include academic as well as profession-related courses. Their plans also identify extended learning opportunities that are designed to prepare students for transition to post-secondary education and the workplace.

York School District One strives to provide a comprehensive curriculum to address the individual needs of all of our students. The framework design allows for an integrated, multi-dimensional approach to planning that helps students become successful learners for high school and beyond.

FRAMEWORK DESIGN

A comprehensive curriculum framework includes the following elements:

- Areas of study
- Clusters of study
- Majors for each cluster of study
- An IGP
- Recommended curriculum for an IGP
- Template for the IGP for each major

An area of study is a way to organize the curriculum into broad program areas that are inter-related in nature and that relate to various professions and academic areas of study. There are five areas of study in our framework:

- Arts & Humanities
- Business, Management, and Information Technology
- Engineering, Manufacturing, and Industrial Technology
- Health Science and Human Services
- Public Service

A cluster of study is a means of organizing instruction and student experiences around broad categories that encompass virtually all occupations from entry level through professional levels. Clusters of study provide a way to organize and tailor coursework and learning experiences around areas of interests. Clusters of study are designed to provide a seamless transition from high school study to post-secondary study and/or the workforce. There are 16 clusters of study from which to choose:

- Arts, A/V Technology and Communication
- Education and Training
- Business Management and Administration
- Early Childhood Education
- Finance
- Information Technology Center
- Hospitality and Tourism
- Marketing, Sales and Service
- Architecture and Construction
- Manufacturing
- Science, Technology, Engineering and Mathematics
- Transportation, Distribution and Logistics
- Agriculture, Food and Natural Resources
- Health Science
- Human Services

- Government and Public Administration
- Law, Public Safety and Security
- Early College
- Cosmetology

A cluster of study has several majors. Earning a major consists of the completion of at least four required units in that major. It is recommended that students take at least one course at the highest level offered.

An IGP includes the state high school graduation requirements and/or college entrance requirements. In addition, course recommendations for successful completion of a major that aligns to post-secondary education and the workplace are included.

The United States Department of Education (USDE) has developed 16 national clusters of study as a means of organizing the curriculum. The Secondary Curriculum Framework for York School District One is designed around these 16 national clusters. In addition, York School District One organized these 16 clusters into five groups referred to as “areas of study.” The district’s curriculum currently provides the opportunity for students to complete a major in more than 30 career areas.

Choosing an area of study, a cluster of study and a major requires students to assess interests and skills, then select coursework to achieve their academic goals while exploring a professional goal. In the spring of eighth grade, students choose one of the five areas of study to explore. This takes place during an individual planning conference with a school counselor and the student. Parent(s) are invited to attend. In ninth grade, students select at least one of the 16 clusters to explore, the goal being to select a major by the end of 10th grade.

A major is designed to enable students to focus on an area of interest that motivates them to stay in school, to be better prepared for post-secondary choices and/ or the workplace, and to make a smooth transition to post-secondary education and/or the workplace.

To graduate with a major, students must complete four units of study from the required offerings identified.

INDIVIDUAL GRADUATION PLAN

The purpose of the Individual Graduation Plan (IGP) is to assist students and their parents in exploring educational and professional possibilities, and in making appropriate secondary and post-secondary decisions. The IGP is part of the career planner. It builds on the coursework, assessments and counseling in middle and high school. The IGP is not intended to reflect all aspects of the high school experience.

Students and parents can use the *South Carolina Occupational Information System* (SCOIS: www.scois.net) to create a career portfolio, explore education and careers, and learn about extended learning opportunities.

REGISTRATION PROCESS

2022-2023

DEVELOPING THE IGP

School counselors begin working with students regarding interests, clusters of study, majors, post-secondary choices and high school options through individual and group counseling in the sixth grade. This includes information on academic and professional goals, career activities and access to career resources. Teacher and parental involvement throughout this process is vital. Students are never locked into a specific cluster or major and can change majors if their interests change.

Complementary courses are drawn from both academic and profession-related courses that support the major and are chosen based on their reinforcement of the skills students must master relative to the major. Students are encouraged, but not required, to enroll in complementary courses.

Extended Learning Opportunities (ELOs) occur outside the classroom to make learning relevant and give students an awareness of work associated with the major. Examples include shadowing, career mentoring, service learning, internships, and apprenticeships.

Finally, the IGP lists sample careers for each major grouped by level of educational achievement - high school diploma, two-year associate degree, and four-year degree or higher, to help students make choices aligned with their professional goals.

GRADE LEVEL PLANNING

8TH GRADE

- ☒ Students choose an area of study that they would like to explore.
- ☒ Working with their parents, counselors and teachers, students begin developing an IGP to include academic as well as profession-related courses.
- ☒ Students have the opportunity to participate in career shadowing.

9TH GRADE

- ☒ Students choose a cluster of study to explore.
- ☒ Students may declare a major, focusing their elective choices in a particular area.
- ☒ Students have the opportunity to participate in career shadowing.
- ☒ Students review and update their IGP developed in the eighth grade.
- ☒ Students begin to explore post-secondary opportunities.

10TH GRADE

- ☒ Students declare a major if they have not done so in the ninth grade.
- ☒ Students have the opportunity to participate in extended learning opportunities.
- ☒ Students review and update their IGP.
- ☒ Students begin to develop post-secondary goals.

11TH GRADE

- ☒ Students review and update their IGP with particular attention being given to post-secondary goals.
- ☒ Students have the opportunity to participate in extended learning opportunities.

12TH GRADE

- ☒ Students complete requirements for a major.
- ☒ Students have the opportunity to participate in extended learning opportunities.

COURSE PATHWAYS

2022-2023

ENGLISH PATHWAY RECOMMENDATIONS

<i>4 UNITS REQUIRED</i>	HIGH SCHOOL CORE/ CAREER PATHWAY	TECHNICAL/UNIVERSITY PATHWAY	ADVANCED STUDIES PATHWAY
8TH GRADE	8th Grade English	8th Grade English	English 1 H
9TH GRADE	English 1 CP	English 1 CP or English 1 H	English 2 H
10TH GRADE	English 2 CP	English 2 CP or English 2 H	English 3 H
11TH GRADE	English 3 CP	English 3 CP or English 3 H	English 101 OR AP English Literature OR English 4-H
12TH GRADE	English 4 CP English 155	English 4 CP or English 4 H OR English 155 OR English 101	English 102 OR English Comp 101/102 OR AP English Literature

Prerequisites for Advanced Studies Courses:

Course	Prerequisite
English 155	English 3
English 101	English 3 Honors or English 3 CP (w/Teacher Recommendation)
English 102	English 101
AP English Literature	English 3 H

COURSE PATHWAYS

2022-2023

MATH PATHWAY RECOMMENDATIONS

4 UNITS REQUIRED	HIGH SCHOOL CORE/ CAREER PATHWAY	TECHNICAL/UNIVERSITY PATHWAY	ADVANCED STUDIES PATHWAY
8TH GRADE	8th Grade Math	8th Grade Math	Algebra 1 H
9TH GRADE	Transition Algebra/ Foundations in Algebra OR Foundations in Algebra	Foundations in Algebra OR Algebra 1 CP/Honors	Algebra 2 H
10TH GRADE	Intermediate Algebra	Intermediate Algebra OR Algebra 2 CP/Honors	Geometry H
11TH GRADE	Geometry CP	Geometry CP/Honors	Precalculus H OR MAT 112 Precalculus
12TH GRADE	Algebra 2 CP OR Probability & Stats OR MAT 155	Probability & Statistics OR MAT 155 Precalculus CP/H OR Algebra 3 CP OR MAT 110 College Algebra MAT 112 Precalculus MAT 120 Probability & Stats	Calculus H OR AP Calculus (AB/BC) OR MAT 112 Precalculus MAT 120 Probability & Stats MAT 140 Calculus OR Probability & Statistics

Prerequisites for Advanced Studies Courses:

Course	Prerequisite
Math 155	Algebra 1 & Geometry
Math 110 – College Algebra	Algebra 2 & Geometry
Math 112 – Precalculus	Algebra 2 & Geometry
Math 120 – Prob & Stats	Algebra 2 & Geometry
Math 140 – Calculus	Precalculus Honors or MAT 112 or Calculus Honors

COURSE PATHWAYS

2022-2023

SCIENCE PATHWAY RECOMMENDATIONS

3 UNITS REQUIRED	HIGH SCHOOL CORE/ CAREER PATHWAY	TECHNICAL/UNIVERSITY PATHWAY	ADVANCED STUDIES PATHWAY
8TH GRADE	8th Grade Science	8th Grade Science	8th Grade Science
9TH GRADE	Integrated Science CP	Biology I CP	Biology 1 H
10TH GRADE	Biology 1-CP	Chemistry 1 CP	Chemistry 1 H
11TH GRADE	Environmental Science Earth Science Chemistry 1 CP	Physics CP Environmental Science Earth Science Forensic Science Anatomy & Physiology *Science within Career Certificate (BIO 101, BIO 210)	Physics H Anatomy & Physiology H Chemistry 2 H BIO 101 BIO 210 (Anatomy & Physiology)
12TH GRADE	Environmental Science or Earth Science *Science within Career Certificate (BIO 101, BIO 210)	Environmental Science Earth Science Forensic Science Anatomy & Physiology *Science within Career Certificate (BIO 101, BIO 210), BIO 102, BIO 211)	BIO 101 BIO 210 OR BIO 102 BIO 211 OR Chemistry 2 H OR Anatomy & Physiology Honors

Prerequisites for Advanced Studies Courses:

Course	Prerequisite
Biology 101	Biology 1 CP or Honors
Biology 102	Biology 101
Biology 210	Biology 1/Chemistry 1 CP or Honors
Biology 211	Biology 210

COURSE PATHWAYS

2022-2023

SOCIAL STUDIES PATHWAY RECOMMENDATIONS

3 UNITS REQUIRED	HIGH SCHOOL CORE/ CAREER PATHWAY	TECHNICAL/UNIVERSITY PATHWAY	ADVANCED STUDIES PATHWAY	OPTIONAL COURSES
8TH GRADE	8th Grade Social Studies	8th Grade Social Studies	8th Grade Social Studies	
9TH GRADE	World History CP	World History CP/Honors	World History H AP World History	
10TH GRADE	Law Related Ed	Human Geography CP/Honors OR Law Related Ed	Human Geography H OR AP Human Geography	<i>Elective Options for CP or Honor Students during the 10th, 11th, or 12th grade:</i> <i>Law Education</i> <i>Western Civilization (HIS 101)</i> <i>Technology and Society (HSS 205)</i> <i>Sociology (SOC 101)</i> <i>Psychology (PSY201)</i> <i>Introduction to Criminal Justice (CRJ101)</i> <i>Criminal Law (CRJ115)</i>
11TH GRADE	*US History CP	*US History CP/Honors	*US History Honors OR *AP US History OR *HIS 201/HIS 202	
12TH GRADE	*US Government/ Economics CP	*US Government/Economics (CP or Honors) OR *PSC 201/ECO 210	*US Government/Economics Honors OR *PSC 201/ECO 210	

*Courses are HS Diploma requirements

Prerequisites for Advanced Studies Courses:

Course	Prerequisite
HIS 201/202	World History & Human Geography Honors
PSC 201/ECO 210	US History CP or Honors

COURSE PATHWAYS

2022-2023

FINE AND PERFORMING ARTS PATHWAY RECOMMENDATIONS

1 UNIT REQUIRED	FINE ARTS PATHWAY	PERFORMING ARTS PATHWAY	OPTIONAL COURSES
9TH GRADE	Art 1	Women's Ensemble AND Advanced Women's Ensemble or Concert Band and Marching Band or Theatre 1	Students can take the following courses in grades 9-12: ⇒ Art 1 ⇒ Women's Ensemble AND ⇒ Advanced Women's Ensemble ⇒ Concert Band and Marching Band ⇒ Theatre 1
10TH GRADE	Drawing 1 or Painting 1 or Ceramics & Sculpture	Theatre 2 (optional)	
11TH GRADE	Drawing 2 or Painting 2 or Ceramics & Sculpture 2 or Drawing 1 or Painting 1	Theatre 2 or Theatre 3	
12TH GRADE	AP Studio Art	Theatre 2 or Theatre 3 or Theatre 4	

COURSE PATHWAYS

2022-2023

UNIVERSITY STUDIES CERTIFICATE

York Technical College offers a **University Studies Certificate** that includes a **minimum of 30 credit hours** students may earn by successfully completing dual credit courses offered in partnership with York School District One. Listed below are the requirements that must be completed and recommendations to ensure the attainment of the University Studies Certificate. Course hours may transfer to in-state two and four-year institutions. Students are encouraged to speak with their respective counselor to determine the transferability of each course.

Requirement	Credit Hours	Courses Available	Recommended
*COL 101 College Orientation	1		
*ENG 101 English Composition 1	3		
*Humanities/Fine Arts	3	HIS 101, HIS 201, HIS 202	HIS 101
*Mathematics	3	MAT 112, MAT 120, MAT 140	Must Choose ONE If choose a 2nd, counts as Elective toward this certificate
*ENG 102 English Composition 2	3		
*Social Science	3	PSY 201, SOC 101, PSC 201, ECO 210	PSY 201
*Transfer Electives	14	HIS 201, HIS 202, HSS 205, SOC 101, PSC 201, ECO 210, SPC 205, BIO 101, BIO 102, BIO 210, BIO 211, SPA 101, SPA 102	Choose 5 courses
Total Required Minimum Hours	30		

*Courses may **not** be used to fulfill more than one requirement category.

COURSE PATHWAYS

2022-2023

UNIVERSITY STUDIES CERTIFICATE RECOMMENDED PATHWAY

	ENGLISH	MATHEMATICS	SCIENCE	SOCIAL STUDIES	ELECTIVES
8th Grade	English I Honors	Algebra I-Honors			
9th Grade	English II Honors	Algebra 2 Honors	Biology Honors	World History H OR AP World History	
10th Grade	English III Honors	Geometry Honors	Chemistry Honors	Human Geography H OR AP Human Geography And *HIS 101	
11th Grade	English 101	Mat 112 or Mat 120	Physics Honors	US History Honors Or *HIS 201/HIS 202	Psychology (PSY201) IST 201 Speech (SPC 205) Technology and Society (HSS 205)
12th Grade	English 102	Mat 120 or Mat 140	Biology 101 Or Anatomy 210	PSC 201/ECO 210	Sociology (SOC 101)
Total University Hours Per Content Area	6 hours	7—9 hours (*depends upon selection of MAT courses)	4 hours	6 hours (*15 if complete all listed)	15 hours (Electives may be scheduled during 11th/12th grade year)

Student must earn 30 credit hours to earn a University Studies Certificate.

COURSE PATHWAYS

2022-2023

UNIVERSITY TRANSFER ASSOCIATES IN ARTS

York Technical College offers a **University Transfer Associates in Arts** that includes a minimum of **60 credit hours** students may earn by successfully completing dual credit courses offered in partnership with York School District One. Listed below are the requirements that must be completed and recommendations to ensure the attainment of the University Studies Certificate. Course hours may transfer to in-state two and four-year institutions. Students are encouraged to speak with their respective counselor to determine the transferability of each course.

Requirement	Credit Hours	Courses Available	Recommended
*COL 101 College Orientation	1		COL 101 (1)
*ENG 101 English Composition 1	3		ENG 101 (3)
*Humanities	6	HIS 101, HIS 201, HIS 202	Choose 2 HIS 201, HIS 202 (6)
*Mathematics/Science	6 - 9	MAT 112, MAT 120, BIO 101, BIO 102, BIO 210, BIO 211	Choose 2 MAT 112, BIO 101 or BIO 210 (9)
*ENG 102 English Composition 2	3		ENG 102 (3)
*Social Science	6	PSY 201, SOC 101, PSC 201, ECO 210	Choose 2 PSC 201, ECO 210 (6)
Communications	3	SPC 205	SPC 205 (3)
Concentration Area Courses	15 - 18	HIS 101, HIS 201, HIS 202, HSS 205, PSY 201, SOC 101, SPA 101, SPA 102	Choose 5 HSS 205, PSY 201, SOC 101, SPA 101, SPA 102 (17)
Other Required Courses	15 – 18* Dependent upon course selection in above categories	BIO 102, BIO 211, HIS 101, IST 201, MAT 120, MAT 140	Choose 4 BIO 102, HIS 101, MAT 120, IST 201 (13)
Total Minimum Hours	60		61 Hours

No courses may be used to fulfill a requirement in more than one area. All courses must be completed with a minimum grade of “C” to achieve transferability. Transferability is dependent on the major and/or college/university selected by the student. Each student should work with his/her respective counselor and college/university admission offices to determine transferability.

COURSE PATHWAYS

2022-2023

ADVANCED STUDIES RECOMMENDED PATHWAY

	ENGLISH	MATHEMATICS	SCIENCE	SOCIAL STUDIES
8th Grade	English I Honors	Algebra I-Honors		
9th Grade	English II Honors	Algebra 2 Honors	Biology Honors	World History H OR AP World History
10th Grade	English III Honors	Geometry Honors and Precalculus Honors	Chemistry Honors	Human Geography H OR AP Human Geography And *HIS 101
11th Grade	English IV Honors	Calculus Honors	Physics Honors	US History Honors OR AP US History OR HIS 201/202
12th Grade	English 101/102 AP English Literature	AP Calculus AB/BC MAT 140 OR MAT 112, 120	Biology 101 OR Anatomy 210	PSC 201/ECO 210

CURRICULUM FRAMEWORK

2022-2023

York School District One Curriculum Framework

AREA OF ARTS & HUMANITIES	AREA OF BUSINESS, MANAGEMENT & INFORMATION	AREA OF ENGINEERING, MANUFACTURING & INDUSTRIAL	AREA OF HEALTH SCIENCE & HUMAN SERVICES	AREA OF PUBLIC SERVICES
Arts, A/V Technology & Communication Cluster <ul style="list-style-type: none"> Journalism & Mass Communications World Language <i>French</i> <i>Spanish</i> English Visual Arts Performing Arts <hr/> Education & Training Cluster <ul style="list-style-type: none"> Teaching & Training 	Business Management & Admin. Cluster <ul style="list-style-type: none"> General Management <hr/> Finance Cluster <ul style="list-style-type: none"> Accounting <hr/> Information Technology Cluster <ul style="list-style-type: none"> Programming & Software Dev. Web & Digital Communication <hr/> Hospitality & Tourism Cluster <ul style="list-style-type: none"> Culinary Arts <hr/> Marketing Sales & Service Cluster <ul style="list-style-type: none"> Marketing 	Architecture & Construction Cluster <ul style="list-style-type: none"> Building Construction Utility Lineworker (York Tech) <hr/> Manufacturing Cluster <ul style="list-style-type: none"> Advanced Manufacturing Machine Tool Technology (York Tech) Welding Technology (York Tech) <hr/> Science, Technology, Engineering, & Mathematics Cluster <ul style="list-style-type: none"> Pre-Engineering Mathematics Science <hr/> Transportation, Distribution, & Logistics Cluster <ul style="list-style-type: none"> Automotive Technology <hr/> Agriculture, Food & Natural Resources Cluster <ul style="list-style-type: none"> Horticulture 	Health Science Cluster <ul style="list-style-type: none"> Emergency Medical Services Health Science Medical Science & Research Physical/Occupational Therapy Sports Medicine <hr/> Human Services Cluster <ul style="list-style-type: none"> Counseling & Social Work Cosmetology Early Childhood Education Family and Consumer Sciences 	Government & Public Administration Cluster <ul style="list-style-type: none"> Social Sciences <hr/> Law, Public Safety & Security Cluster <ul style="list-style-type: none"> Military Science Law & Legal Services

CURRICULUM FRAMEWORK

2022-2023

MAJOR: JOURNALISM & MASS COMMUNICATIONS

REQUIRED COURSES FOR MAJOR (4 CREDITS REQUIRED)	COMPLEMENTARY COURSEWORK	EXTENDED LEARNING OPPORTUNITIES (Options Related to Major)
Required: Creative Writing/ Speech Plus 3 of the following: Journalism 1 (Yearbook) Journalism 2 Journalism 3 Broadcast Journalism 1 Broadcast Journalism 2 Broadcast Journalism 3	Theatre Fine Arts Courses Integrated Bus. Apps. 1 Fundamentals of Web Page Design and Development Advanced Web Page Design and Development World Language Courses	Apprenticeships Career Shadowing Career Mentoring Cooperative Education Internship
<i>Professional Opportunities Upon Graduation</i> <i>(For additional college entrance requirements refer to school of your choice.)</i>		
HIGH SCHOOL DIPLOMA Disk Jockey Layout Designer Broadcast Technician Audio/Video Operator	2-YEAR ASSOCIATE DEGREE Technical Writer Proofreader Reporter Sound Engineering Technician	4-YEAR DEGREE & HIGHER Journalist Television Anchor Station Manager Media Specialist

MAJOR: WORLD LANGUAGES

REQUIRED COURSES FOR MAJOR (4 CREDITS REQUIRED)	COMPLEMENTARY COURSEWORK	EXTENDED LEARNING OPPORTUNITIES (Options Related to Major)
French 1, 2, 3, 4 Spanish 1, 2, 3, 4 Spanish 101 AP Spanish	AP Human Geography Fine Arts Courses NJROTC Teacher Cadet CP Human Geography Creative Writing/Public Speaking	Apprenticeships Career Shadowing Career Mentoring Cooperative Education Internship
<i>Professional Opportunities Upon Graduation</i> <i>(For additional college entrance requirements refer to school of your choice.)</i>		
HIGH SCHOOL DIPLOMA Tour Guide Military Specialist	2-YEAR ASSOCIATE DEGREE Travel Agent Customer Service Agent	4-YEAR DEGREE & HIGHER Educator Business Consultant Military Intelligence Language Translator/Interpreter

CURRICULUM FRAMEWORK

2022-2023

MAJOR: ENGLISH

REQUIRED COURSES FOR MAJOR (4 CREDITS REQUIRED)	COMPLEMENTARY COURSEWORK	EXTENDED LEARNING OPPORTUNITIES (Options Related to Major)
AP English Lit. & Composition Creative Writing/Speech English 3 Honors English 4 Honors English 101 English 102	Theatre Marketing Teacher Cadet Fundamentals of Web Page Design and Development Advanced Web Page Design and Development	Apprenticeships Career Shadowing Career Mentoring Cooperative Education Internship
<i>Professional Opportunities Upon Graduation</i> (For additional college entrance requirements refer to school of your choice.)		
HIGH SCHOOL DIPLOMA Receptionist Sales Associate Library Assistant Clerical Assistant	2-YEAR ASSOCIATE DEGREE Proofreader Reporter Technical Writer Administrative Assistant	4-YEAR DEGREE & HIGHER Educator Public Relations Specialist Writer Editor

MAJOR: VISUAL ARTS

REQUIRED COURSES FOR MAJOR (4 CREDITS REQUIRED)	COMPLEMENTARY COURSEWORK	EXTENDED LEARNING OPPORTUNITIES (Options Related to Major)
<u>2 Courses from Level One:</u> Ceramics 1 Drawing 1 Painting 1 <u>2 Courses from Level Two:</u> Ceramics 2 Drawing 2 Painting 2 Art 4 Honors AP Studio Art	Creative Writing /Public Speaking Theatre Fashion, Fabric, & Design 1 Integrated Business Apps. 1 Teacher Cadet Fundamentals of Web Page Design and Development Advanced Web Page Design and Development	Apprenticeships Career Shadowing Career Mentoring Cooperative Education Internship
<i>Professional Opportunities Upon Graduation</i> (For additional college entrance requirements refer to school of your choice.)		
HIGH SCHOOL DIPLOMA Artist Photographer Craft Artist Florist	2-YEAR ASSOCIATE DEGREE Cartoonist Graphic Illustrator Interior Designer Graphic Artist	4-YEAR DEGREE & HIGHER Art Educator Photojournalist Curator/Gallery Manager Art Therapist

CURRICULUM FRAMEWORK

2022-2023

MAJOR: PERFORMING ARTS

REQUIRED COURSES FOR MAJOR (4 CREDITS REQUIRED)	COMPLEMENTARY COURSEWORK	EXTENDED LEARNING OPPORTUNITIES (Options Related to Major)
Band 1 - 4 Chorus 1 -4 Theatre 1-4	Other Fine Arts Courses Jazz Band Ensemble Speech/Creative Writing World Language Courses Computer Courses Teacher Cadet Building Construction Fashion and Fabrics 1	Apprenticeships Career Shadowing Career Mentoring Cooperative Education Internship
<i>Professional Opportunities Upon Graduation</i> <i>(For additional college entrance requirements refer to school of your choice.)</i>		
HIGH SCHOOL DIPLOMA Musician/Accompanist Actor Singer	2-YEAR ASSOCIATE DEGREE Set Design Technician Costume Technician Sound/Lighting Technician Stage Electrician	4-YEAR DEGREE & HIGHER Actor/Producer/Director Music Therapist Educator Choral Director

MAJOR: LAW AND LEGAL SERVICES

REQUIRED COURSES FOR MAJOR(4 CREDITS REQUIRED)	COMPLEMENTARY COURSEWORK	EXTENDED LEARNING OPPORTUNITIES (Options Related to Major)
American Government AP English English 101 Government/Economics Honors Introduction to Criminal Justice (CJR 101) Law Education Psychology Sociology	Creative Writing/Public Speaking Digital Publication Design NJROTC Other Computer Courses Personal Finance	Apprenticeships Career Shadowing Career Mentoring Cooperative Education Internship
<i>Professional Opportunities Upon Graduation</i> <i>(For additional college entrance requirements refer to school of your choice.)</i>		
HIGH SCHOOL DIPLOMA Legal Receptionist Legal File Clerk	2-YEAR ASSOCIATE DEGREE Paralegal Inspector & Compliance Officer	4-YEAR DEGREE & HIGHER Judge Lawyer

CURRICULUM FRAMEWORK

2022-2023

MAJOR: TEACHING AND TRAINING

REQUIRED COURSES FOR MAJOR (4 CREDITS REQUIRED)	COMPLEMENTARY COURSEWORK	EXTENDED LEARNING OPPORTUNITIES (Options Related to Major)
Required: Teacher Cadet Plus 3 of the following: AP Course of Choice Psychology 201 Psychology/Sociology Public Speaking/Creative Writing	Fine Arts Courses Sports Medicine 1 Fundamentals of Web Page Design and Development Advanced Web Page Design and Development World Language Courses	Apprenticeships Career Shadowing Career Mentoring Cooperative Education Internship
<i>Professional Opportunities Upon Graduation</i> <i>(For additional college entrance requirements refer to school of your choice.)</i>		
HIGH SCHOOL DIPLOMA Day Care Worker Instructional Assistant Driving School Instructor Recreation/Fitness Trainer	2-YEAR ASSOCIATE DEGREE Day Care Provider Social Worker Substitute Teacher Training Manager	4-YEAR DEGREE & HIGHER Educator Counselor/Psychologist Human Resources Director

MAJOR: GENERAL MANAGEMENT

REQUIRED COURSES FOR MAJOR(4 CREDITS REQUIRED)	COMPLEMENTARY COURSEWORK	EXTENDED LEARNING OPPORTUNITIES (Options Related to Major)
<i>(Career & Technology Completer Major)</i> Required: Accounting 1 Entrepreneurship Plus 1 of the following: Accounting 2 (ACC 111) Integrated Business Apps 1, 2 Marketing Marketing Management Work Based Credit	Teacher Cadet	Apprenticeships Career Shadowing Career Mentoring Cooperative Education Internship
<i>Professional Opportunities Upon Graduation</i> <i>(For additional college entrance requirements refer to school of your choice.)</i>		
HIGH SCHOOL DIPLOMA Information Processing Specialist Website Maintenance Specialist Multimedia Specialist Desktop Publishing Specialist	2-YEAR ASSOCIATE DEGREE Auditor Accountant Credit Manager Computer System Analyst Financial Services Manager	4-YEAR DEGREE & HIGHER Certified Public Accountant Educator Chief Financial Officer Stockbroker

CURRICULUM FRAMEWORK

2022-2023

MAJOR: MATHEMATICS		
REQUIRED COURSES FOR MAJOR (4 CREDITS REQUIRED)	COMPLEMENTARY COURSEWORK	EXTENDED LEARNING OPPORTUNITIES (Options Related to Major)
Algebra 2 Calculus/AP Cal. (Required) Pre-Calculus Prob. & Stats Math 120	Accounting 1, 2 Other Computer Courses Physics Project Lead the Way Courses Teacher Cadet	Apprenticeships Career Shadowing Career Mentoring Cooperative Education Internship
<i>Professional Opportunities Upon Graduation</i> (For additional college entrance requirements refer to school of your choice.)		
HIGH SCHOOL DIPLOMA Bank Teller Accounts Clerk Bookkeeper	2-YEAR ASSOCIATE DEGREE Accountant Tax Preparer Accounts Payable/Receivable	4-YEAR DEGREE & HIGHER Certified Public Accountant Stock Broker Educator Statistician

MAJOR: SCIENCE		
REQUIRED COURSES FOR MAJOR (4 CREDITS REQUIRED)	COMPLEMENTARY COURSEWORK	EXTENDED LEARNING OPPORTUNITIES (Options Related to Major)
Anatomy & Physiology Biology 101 Biology 210 (Anatomy & Physiology) Biology Honors Chemistry AP Chemistry Honors Chemistry 2 Honors Environmental Science AP Physics Honors Forensic Science	Agriculture Courses Computer Courses Earth Science Foods & Nutrition 1, 2 Physical Education Project Lead the Way Courses Psychology/Sociology Sports Medicine 1, 2 Teacher Cadet	Apprenticeships Career Shadowing Career Mentoring Cooperative Education Internship
<i>Professional Opportunities Upon Graduation</i> (For additional college entrance requirements refer to school of your choice.)		
HIGH SCHOOL DIPLOMA Environmental Management Landscaper Zoo Attendant Production Worker	2-YEAR ASSOCIATE DEGREE Material Handler Forestry Technician Veterinarian Assistant Lab Technician	4-YEAR DEGREE & HIGHER Chemist Educator Physicist Meteorologist Ecologist

CURRICULUM FRAMEWORK

2022-2023

MAJOR: MEDICAL SCIENCE & RESEARCH

REQUIRED COURSES FOR MAJOR (4 CREDITS REQUIRED)	COMPLEMENTARY COURSEWORK	EXTENDED LEARNING OPPORTUNITIES (Options Related to Major)
Biology 101 Biology 102 Calculus AP/Calculus Chemistry AP Chemistry Honors Chemistry 2 Honors English AP English Composition (Eng 101) Introduction to Criminal Justice (CRJ 101) Other Lab Science Probability & Statistics	Entrepreneurship Foods & Nutrition 1, 2 Health Science 1, 2 Other Science Courses Psychology Sociology Sports Medicine 1, 2	Apprenticeships Career Shadowing Career Mentoring Career Related Student Organizations Cooperative Education Internship

Professional Opportunities Upon Graduation

(For additional college entrance requirements refer to school of your choice.)

HIGH SCHOOL DIPLOMA	2-YEAR ASSOCIATE DEGREE	4-YEAR DEGREE & HIGHER
Medical Record Clerk Lab Assistant	Radiographer Lab Technician Health Information Technologist Nuclear Medicine Technologist	Medical Researcher Physician or Dentist Forensic Scientist Pathologist

MAJOR: PHYSICAL/OCCUPATIONAL THERAPY

REQUIRED COURSES FOR MAJOR (4 CREDITS REQUIRED)	COMPLEMENTARY COURSEWORK	EXTENDED LEARNING OPPORTUNITIES (Options Related to Major)
Health Science 1 Other Lab Science Psychology Sociology Sports Medicine 1, 2	Anatomy & Physiology Biology 102 Biology AP Computer Courses Health Science 1, 2 Physical Education Courses	Apprenticeships Career Shadowing Career Mentoring Career Related Student Organizations Cooperative Education Internship

Professional Opportunities Upon Graduation

(For additional college entrance requirements refer to school of your choice.)

HIGH SCHOOL DIPLOMA	2-YEAR ASSOCIATE DEGREE	4-YEAR DEGREE & HIGHER
Personal Trainer Physical Therapy Aide Pharmacy Aide Occupational Therapy Aide	Physical Therapy Assistant Pharmacy Technician Occupational Therapy Asst. Surgical Technician	Athletic Trainer Physical Therapist Orthopedic Surgeon Sports Psychologist

CURRICULUM FRAMEWORK

2022-2023

MAJOR: COUNSELING & SOCIAL WORK

REQUIRED COURSES FOR MAJOR (4 CREDITS REQUIRED)	COMPLEMENTARY COURSEWORK	EXTENDED LEARNING OPPORTUNITIES (Options Related to Major)
English Composition (Eng 101) Human Geography AP Parenting Education 1 Probability & Statistics Psychology Sociology Psychology 201 Teacher Cadet	Creative Writing (1/2) Family & Consumer Science Integrated Business Apps. 1 Health Science 1 Other Business Courses Public Speaking (1/2) World Language Courses	Apprenticeships Career Shadowing Career Mentoring Career Related Student Organizations Cooperative Education Internship
<i>Professional Opportunities Upon Graduation</i> (For additional college entrance requirements refer to school of your choice.)		
HIGH SCHOOL DIPLOMA Day Care Worker Health Care Provider	2-YEAR ASSOCIATE DEGREE Instructional Assistant After-School Program Supervisor	4-YEAR DEGREE & HIGHER Counselor Educator Social Worker Child Psychologist

MAJOR: SOCIAL STUDIES

REQUIRED COURSES FOR MAJOR (4 CREDITS REQUIRED)	COMPLEMENTARY COURSEWORK	EXTENDED LEARNING OPPORTUNITIES (Options Related to Major)
Government/Economics CP, AP or Honors Introduction to Criminal Justice (CRJ101) Law Education Psychology Sociology Psychology 201 U.S. History Honors US History AP Human Geography World History AP Human Geography	Computer Courses Fine Arts Courses Public Speaking (1/2) Teacher Cadet World Language Courses	Apprenticeships Career Shadowing Career Mentoring Cooperative Education Internship
<i>Professional Opportunities Upon Graduation</i>		
HIGH SCHOOL DIPLOMA Clerical position for public service or non-profit organization	2-YEAR ASSOCIATE DEGREE Legislative Assistant Legal Assistant Court Reporter	4-YEAR DEGREE & HIGHER Educator Public Administrator Historian Social Worker

CURRICULUM FRAMEWORK

2022-2023

MAJOR: MILITARY SCIENCE

REQUIRED COURSES FOR MAJOR (4 CREDITS REQUIRED)	COMPLEMENTARY COURSEWORK	EXTENDED LEARNING OPPORTUNITIES (Options Related to Major)
NJROTC Naval Science 1 NJROTC Naval Science 2 NJROTC Naval Science 3 NJROTC Naval Science 4	NJROTC Leadership Lab Naval Science Staff & Command Business Courses Psychology Sociology World Language Courses Physical Education Courses Intro. to Criminal Justice Human Geography World History	Apprenticeships Career Shadowing Career Mentoring Cooperative Education Internship
<i>Professional Opportunities Upon Graduation</i> (For additional college entrance requirements refer to school of your choice.)		
HIGH SCHOOL DIPLOMA Law Enforcement Officer Military Recruit Military Recruiter Correctional Officer	2-YEAR ASSOCIATE DEGREE Law Enforcement Officer Military Recruit Military Recruiter Correctional Officer	4-YEAR DEGREE & HIGHER Military Officer FBI Agent Federal Marshall Secret Service Agent

MAJOR: LAW & LEGAL SERVICES

REQUIRED COURSES FOR MAJOR (4 CREDITS REQUIRED)	COMPLEMENTARY COURSEWORK	EXTENDED LEARNING OPPORTUNITIES (Options Related to Major)
American Government AP English English 101 Government/Economics Honors Introduction to Criminal Justice (CJR 101) Law Education Psychology/Sociology Speech (1/2) PSC 201	Creative Writing (1/2) NJROTC Other Computer Courses Personal Finance	Apprenticeships Career Shadowing Career Mentoring Cooperative Education Internship
<i>Professional Opportunities Upon Graduation</i> (For additional college entrance requirements refer to school of your choice.)		
HIGH SCHOOL DIPLOMA Legal Receptionist Legal File Clerk	2-YEAR ASSOCIATE DEGREE Paralegal Inspector & Compliance Officer	4-YEAR DEGREE & HIGHER Judge Lawyer

CURRICULUM FRAMEWORK

2022-2023

MAJOR: OCCUPATIONAL CREDENTIAL

REQUIRED COURSES FOR MAJOR (4 CREDITS REQUIRED)	COMPLEMENTARY COURSEWORK	EXTENDED LEARNING OPPORTUNITIES (Options Related to Major)
Foods and Nutrition1 Family and Consumer Sciences Agricultural Science and Technology Automotive Technology	Law Education Health Science 1 Journalism 1 Fashion, Fabric & Design 1 Culinary Art 1 Foods and Nutrition 2 Agricultural Science and Technology	School-Based Internship Community-Based Internship Career Shadowing
GRADUATION REQUIREMENTS FOR CREDNTIAL:		
<div> English Foundations 4 Units Math Foundations 4 Units Science and/or Social Studies 4 Units Life Skills 3 Units Physical Education OR NJROTC 1 Unit TOTAL..... 24 UNITS </div> <div> Community Based Internship 1 Unit Computer Science..... 1 Unit (may be taken as a pre-requisite in 8th grade) Electives and/or Internships 5 Units School Based Internship 1 Unit </div>		

YORK COMPREHENSIVE HIGH SCHOOL
FLOYD D JOHNSON TECHNOLOGY CENTER

FRESHMEN COURSES



COURSE OFFERINGS

FRESHMAN

Students in Grade 9 are expected to be enrolled in a full schedule of classes giving them the potential to earn up to 8 units of credit during the freshman year. In registering for the school year, they are to select course requests from those listed in the chart below. The goal for each 9th grade student is to successfully complete the year and earn promotion to the 10th grade. In an effort to promote academic success for all freshmen, some students may be scheduled in yearlong academic classes.

REQUIRED - CHOOSE AT LEAST ONE FROM EACH SUBJECT AREA:

<u>SUBJECT AREA</u>	<u>COURSES</u>
ENGLISH	English 1 CP, English 1 H, English 2-H
MATH	9th Grade Transitions Algebra, Foundations of Algebra, Algebra 1 CP, Algebra 1 H, Algebra 2 H
SCIENCE	Integrated Science CP, Biology 1 CP, Biology 1 H
SOCIAL STUDIES	World History CP, World History Honors, AP World History
PE/NJROTC/BAND 1	Physical Education 1 NJROTC Naval Science 1 Band 1 <i>(All include the required Health for graduation)</i>
COMPUTER SCIENCE	IT Fundamentals, Introduction to Engineering Design (IED); Integrated Business Application (IBA) 1, Digital Electronics (DE), Principles of Engineering (POE), Fundamentals of Computing, Fundamentals of Web Page Design and Development

ELECTIVES - CHOOSE UP TO TWO UNITS:

<u>SUBJECT AREA</u>	<u>COURSES</u>
ENGLISH	Creative Writing - CP, Public Speaking - CP
VISUAL AND PERFORMING ARTS	Art 1, Theatre 1, Marching/Concert Band (2 units), Concert Choir (2 units), Women's Ensemble
WORLD LANGUAGES	Spanish 1, French 1
CAREER AND TECHNOLOGY ELECTIVES	Agriculture & Science Tech. 1, Family & Consumer Science 1, Marketing, IT Fundamentals, Fundamentals of Web Design, Fundamentals of Computing, Principles of Engineering, Introduction to Engineering Design, Intro to Culinary Arts, Intro to Law, Public Safety & Security, Intro to Early Childhood Education

COURSE OFFERINGS

FRESHMAN

No student will be denied access to take any course as long as they have passed the appropriate prerequisite course and met all prerequisite requirements. All courses in the registration guide may not be available. Student entrance into a course may be restricted as a result of scheduling limitations.

Students are required to earn 1 unit of English credit each year of high school and are required to complete four (4) units of English to receive a high school diploma.

ENGLISH LANGUAGE ARTS

ENGLISH 1

302400CW

1 Unit

Grade 9

This course is designed for students who may need more support to be successful readers and writers. The content covered includes literature and informational texts, vocabulary, and written and oral communication. Students must be recommended for enrollment in this course. Several data points are used to determine eligibility to include: MAP/SCREADY scores, student grades etc.

ENGLISH 1 -CP

302401CW

1 Unit

Grade 9

The content covered includes literature and informational texts, vocabulary, and written and oral communication.

ENGLISH 1 - H

302400 HW

1 Unit

Grade 9

Prerequisite: Completion of Eighth Grade English with a 90 or better average and Teacher recommendation.

The content covered includes literature and informational texts, vocabulary, and written and oral communication. This course also includes an in-depth study of literary genres and accompanying written literary analysis. Extensive reading, writing, and oral presentations refine the critical thinking skills necessary for advanced work.

ENGLISH 2 - H

302500HW

1 Unit

Grades 9 - 10

Prerequisite: English 1-H or English 1-CP with Teacher

Recommendation

The overall objective of this course is related to the concepts of critical thinking, the reading of multi-cultural literary genres, and written literary analysis. Extensive outside reading, frequent written assignments, Socratic seminars, and presentations afford the student ongoing opportunities to develop the critical thinking skills necessary for success in AP English and college. **South Carolina End-of-Course Examination required.**

ENGLISH LANGUAGE ARTS ELECTIVES

CREATIVE WRITING - CP

303202CH

1/2 Unit - Elective Credit

Grades 9-12

Creative writing is a course for refining writing skills and expressing creativity. Students compose poetry, short stories, drama, and non-fiction.

PUBLIC SPEAKING - CP

304001CH

1/2 Unit - Elective Credit

Grades 9-12

The course covers the basics of public speaking and provides students with the opportunity to practice and refine speaking skills.

COURSE OFFERINGS

FRESHMAN

MATHEMATICS

Students are required to earn 1 unit of math credit each year of high school and are required to complete four (4) units of math to receive a high school diploma.

TRANSITION ALGEBRA

310700CW

1 Unit

Grade 9

This course is a continuation of concepts taught in eighth grade math with an emphasis on preparation for algebra content both in high school and college. Students will develop an understanding that algebraic thinking is an accessible and powerful tool that can be used to model and solve real-world problems.

FOUNDATIONS IN ALGEBRA

411600CW

1 UNIT

Grade 9

In this year one algebra course students build mathematical competency as they explore a variety of topics. The course includes the following topics: data analysis, elementary algebra, the algebra of straight lines, graphical estimation, using lines and equations and describing functions with algebra. Intermediate Algebra is the follow-up course and students will take the Algebra 1 EOC after completing both courses.

ALGEBRA 1 – CP

411401CW

1 Unit

Grade 9-10

This course is intended to establish the fundamental mathematic skills necessary for the college bound student. It includes an in-depth study of operations with integers, monomials, and polynomials, solving equations, and graphing in a coordinate plane. A graphing calculator is recommended. **South Carolina End-of-Course Examination required.**

ALGEBRA 1 – H

411400HW

1 Unit

Grade 9

Prerequisite: Completion of Eighth Grade Math with a 90 or better average and Teacher recommendation.

This course is for 4-year college prep students. It includes an in-depth study of operations with integers, rational and exponential functions, monomials and polynomials, solving quadratic equations, slope as a rate of change, line of best fit and graphing in a coordinate plane. It is recommended that the student have a graphing calculator. **South Carolina End-of-Course Examination required.**

ALGEBRA 2 – H

411500HW

1 Unit

Grades 9-10

Prerequisite: Algebra 1 Honors ("B" or better recommended) or Teacher recommendation.

This course is for the advanced Algebra student. It covers the topics learned in Algebra 2 on a higher level and also covers exponential, logarithmic, and trigonometric functions. The student must provide a graphing calculator.

INTERMEDIATE ALGEBRA

411700CW

1 UNIT

Grade 10

This is a continuation of *Foundations in Algebra*. Students will continue to build mathematical competency as they explore a variety of topics. This course includes the following topics: data analysis, elementary algebra, the algebra of straight lines, graphical estimation, using lines and equations and describing functions with algebra. **South Carolina End-of-Course Examination required.**

SCIENCE

Students are expected to earn 1 unit of science credit each year and are required to complete three (3) units of sciences to receive a high school diploma. Biology 1, Chemistry 1, and any other course for which Biology or Chemistry is a prerequisite are recognized as a lab science by colleges and universities. Integrated Science is not recognized as a lab science by colleges and universities.

**Students must successfully complete an end-of -course tested science unit to meet requirements for graduation. (Current required course is Biology)*

INTEGRATED SCIENCE-CP

321000CW

1 Unit

Grade 9

Students experience in the laboratory, classroom, or the field opportunities to interact directly with natural phenomena or with data collected by others using tools, materials, data. Students also use laboratory investigations that including scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures to develop a growing understanding of the complexity and ambiguity of empirical work, as well as the skills to calibrate and troubleshoot equipment used to make observations. Learners should understand measurement error; and have the skills to aggregate, interpret, and present the resulting data .

COURSE OFFERINGS

FRESHMAN

SCIENCE CONTINUED

BIOLOGY 1 - CP

322101CW

1 Unit

Grades 10

This course surveys the fundamental characteristics of living organisms. Lectures, films and lab sessions are part of instruction. This course is recommended for the college bound student. **South Carolina End-of-Course Examination required.**

BIOLOGY 1 - H

322100HW

1 Unit

Grades 9-10

This course is designed for students performing at an advanced level in mathematics and sciences and involves intensive study of biological principles in preparation for further study in Honors and Advanced Placement high school science courses and college science majors. This course offers a more rigorous approach to the study of fundamental characteristics of living organisms. Lectures, independent work, lab sessions, and computer technology are integrated into the instruction. **South Carolina End-of-Course Examination required.**

SOCIAL STUDIES

Students are expected to earn 1 unit of social studies credit each year and are required to complete three (3) units of social studies to receive a high school diploma. One unit must be in U.S. History and Constitution, 1/2 unit must be in Economics, which includes instruction in personal finance, and 1/2 unit must be in American Government. The third credit should be selected from other social studies courses. Elective courses in social studies are open to all students unless limited by prerequisites, and may be taken concurrently with required ones.

World History CP

336001CW

1 Unit

This course is designed to assist student in understanding how people in countries of the world have become increasingly interconnected. Critical thinking is focal to this course which emphasizes why and how people, ideas, and technology have made an impact on diverse groups of people.

WORLD HISTORY: MAKING OF THE MODERN WORLD - H

1 Unit

336000HW

Grades 9-12

This course consists of the same content material as World History: Making of the Modern World CP but on an advanced level with greater depth, exploration, and rigor.

World HISTORY-AP

337700AW

1 Unit

Grade 9

An introductory college-level course in modern world history. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts such as humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. **AP examination is required.**

ELECTIVES

High School 101—CP

349902CQ

1/2 Unit

Grade 9

High School 101 is a required course that focuses on providing entering freshmen with the skills necessary to be successful during high school as well as post-secondary pursuits. The course addresses many of the challenges that teens face and provides direction for a smooth transition. Emphasis is placed on the following: orientation, study habit, learning styles, time management, technology, digital literacy, career exploration/employability skills, academic planning, financial planning, personal growth and goal setting, drug and bullying prevention, and community service. Students will take this course in conjunction with Personal Health and Wellness.

COURSE OFFERINGS

FRESHMAN

WORLD LANGUAGES

Students who plan to attend a four year college or university must satisfy a minimum requirement of two units of the same foreign language. Some colleges recommend three units of study in the same language. It is recommended that college bound students plan to take three levels of the same language during their high school career; however, students are not required to take a foreign language to earn a high school diploma. The district world language program adheres to the S.C. Academic Standards for Modern and Classical Languages and to national standards and is designed to accommodate all students by appealing to a variety of learning styles. All students have the opportunity to study world languages.

The World Language Department offers four levels of language study:

Level 1 courses are designed to help students acquire a basic knowledge of the target language.

Level 2 courses are designed to help students expand on their basic knowledge of the target language.

Levels 3, 4 and AP (Advanced Levels) courses are designed to help students expand on their knowledge of the target language.

SPANISH 1 - CP **365101CW** **1 Unit** **Grades 9-12**

Spanish 1 begins the study of the Spanish language for the college bound student. It concentrates on basic pronunciation, listening and reading skills, and elementary grammar and writing skills. All three modes of communication (Interpretive, Interpersonal, and Presentational) are integrated into the units and assessments. Authentic materials such as videos, magazines, and listening activities are incorporated into the lessons. Culture is an integral part of each unit.

FRENCH 1-CP **361101CW** **1 UNIT** **Grades 9-12**

French 1 begins the study of the French language for the college bound student. It concentrates on basic pronunciation, listening and reading skills, and elementary grammar and

writing skills. All three modes of communication (Interpretive, Interpersonal and Presentational) are integrated into the units and assessments. Authentic materials such as videos, magazines and listening activities are incorporated into the lessons. Culture is an integral part of each unit.

VISUAL & PERFORMING ARTS

The Fine Arts Department consists of studies in art, band, chorus, and drama. Art students at all levels study how art reflects, records and shapes history, and plays a role in every culture. All students keep sketchbooks, journals and portfolios, take curriculum-related field trips to view historical and professional art, and participate in many displays and competitions. Students must furnish some art supplies. It is highly recommended that all students enroll in at least one fine arts course during their tenure in high school. Four-year college entrance requirements include one unit in fine arts.

VISUAL ARTS

ART 1 - INTRODUCTION TO VISUAL DESIGN **350101CW** **1 Unit**

Grades 9-12

This course is an introductory art course designed for all students who the theory and practice of drawing, painting, design, art appreciation and art history. In addition to studio art projects, students will participate in gallery discussions, readings in art history and criticism, and keep a sketchbook.

This course is a prerequisite for all visual arts courses.

PERFORMING ARTS

THEATRE 1 **452101CW** **1 Unit**

Grades 9-12

This course focuses on the basics of drama, students will expand their knowledge of theatre structure, variety and history. Students will develop skills in various aspects of theatre and film. This course provides an opportunity for students to gain an appreciation for skills in the art of theatre and film.

COURSE OFFERINGS

FRESHMAN

VISUAL & PERFORMING ARTS CONTINUED

INSTRUMENTAL MUSIC-BAND

These are performance based courses. Members are required to attend band camp, which is held prior to the beginning of school, and also attend and perform at after-school rehearsals. Students enrolled are required to perform at football games, parades, marching band competitions, concerts, festivals, and contests on the local, state, regional, and national level. A major trip is usually scheduled every other year. Students are required to take both semesters of band. Students are recommended for the appropriate band course by their current band director.

FIRST SEMESTER

MARCHING BAND/PE

450861CW

1 Unit

Grades 9th

Prerequisite: 8th grade band, current enrollment in high school band, band director's recommendation.

Emphasizes the development of visual and musical skills used in the modern marching band. Performances include football games, holiday parades, winter concert, and marching competitions. Moderate to high physical demand is required. A camp is held 2-3 weeks before school begins to prepare and train. After school preparation required August-October. The honors course moves at an elevated pace, encompassing upper level skills and demands. Students must complete the state Health requirement to receive PE credit along with their Marching Band course. If a student does NOT complete the Health requirement, they will be required to take PE or ROTC before graduation. The Health requirement must be complete by the end of 1st semester, during the student's Marching Band course. Students may complete the course in a school computer lab or at home online. Information concerning the online Health course will be given to students during band camp/first few weeks of school.

SECOND SEMESTER

CONCERT BAND - SYMPHONIC BAND

353200CW

1 Unit

Grades 9th-12th (primarily underclassmen)

Prerequisite: 8th grade band, current enrollment in high school band, band director's recommendation.

Focuses on concert band practices. Students study grades II-IV literature. Emphasis is placed on the advancement of technique, application and components of musicianship. Performances

include Band Revue, and other possible community performances. Opportunities for individual student activities are available including All-Region Band, All-State Band, USC Clinic, Solo & Ensemble as well as scholarships/recognition nominations. Very little after school rehearsal is required. Attendance is required at all rehearsals and performances.

CONCERT BAND-WIND ENSEMBLE HONORS

353200HW

1 Unit

Grades 9th-12th (primarily upperclassmen)

Prerequisite: 8th grade band, current enrollment in high school band, band director's recommendation.

Focuses on concert band practices. Students study grades IV-VI literature. High levels of individual performance and practice are expected. Performances may include Pre-Assessment Concert, SC State Performance Assessment, and Band Revue. Opportunities for individual student activities are available including All-Region Band, All-State Band, USC Clinic, Solo & Ensemble as well as scholarships/recognition nominations. Very little after school rehearsal is required. Attendance is required at all rehearsals and performances.

JAZZ BAND HONORS

453100HW

1 Unit – "5th Block" Course

Grades 9th-12th (primarily upperclassmen)

Prerequisite: 8th grade band, current enrollment in high school band, application & band director's recommendation.

This course meets after school ONLY from November-May. Students will be given a calendar of class meetings which occur from one to three times a week. Students learn fundamental-advanced concepts of jazz ensemble rehearsing and performing including improvisation. Literature of dance band, swing, symphonic jazz, pop-rock, and contemporary styles will be explored. Many performance opportunities including: community events, SC State Jazz Performance Assessment, local & state jazz festivals, YSD1 Jazz Tour, winter concert, and Band Revue. Enrollment in the Honors Marching band and Honors Wind Ensemble track is strongly suggested. Attendance is required at all rehearsals and performances.

DANCE EDUCATION

COUGARETTES

These are performance based courses. Members are required to attend band camp, which is held prior to the beginning of school, and also attend and perform at after-school rehearsals. Student enrolled are required to perform at football games,

COURSE OFFERINGS

FRESHMAN

VISUAL & PERFORMING ARTS CONTINUED

FIRST SEMESTER-COUGARETTES/PE

450100CD

1 Unit

Grades 9th

Prerequisite: Formal audition at tryouts, and/or current enrollment in a Cougarettes team, director's recommendation. This course is designed to develop an artistic foundation in dance. Scope includes movement/dance vocabulary; applying choreographic tools and composition principles in evaluating dance works; promoting functional and artistic use of then movement/dance elements-body, space, time, dynamics-effort and relationships, technical training on traditional & nontraditional color guard equipment; and developing awareness of the body as an instrument of expression. Performances include football games, holiday parades, marching competitions, YSD1 Tour, and winter guard competitions. High physical demand is required. A camp is held 2-3 weeks before school beings to prepare and train. After school preparation required August-March (a calendar will be given). *The Cougarettes Summer Dance program is strongly suggested.* Students must complete the state Health requirement to receive PE credit along with their Marching Band course. If a student does NOT complete the Health requirement, they will be required to take PE or ROTC before graduation. The Health requirement must be complete by the end of 1st semester, during the student's Marching Band course. Students may complete the course in a school computer lab or at home online. Information concerning the online Health course will be given to students during band camp/first few weeks of school.

SECOND SEMESTER-COUGARETTES

1 Unit

Grades 9th-12th

Prerequisite: Formal audition at tryouts, and/or current enrollment in a Cougarettes team, director's recommendation. This course is designed to develop an artistic foundation in dance. Scope includes movement/dance vocabulary; applying choreographic tools and composition principles in evaluating dance works; promoting functional and artistic use of then movement/dance elements-body, space, time, dynamics-effort and relationships, technical training on traditional & nontraditional color guard equipment; and developing awareness of the body as an instrument of expression. Performances include football games, holiday parades, marching competitions, YSD1 Tour, and winter guard competitions. High physical demand is required. A camp is held 2-3 weeks before school beings to prepare and train. After school preparation required August-March (a calendar will be given). *The Cougarettes Summer Dance program is strongly suggested.*

COUGARETTES 2

450200CD

COUGARETTES 3

450300CD

COUGARETTES 4

450400CD

CHORAL MUSIC

All courses in choral music are open to all students upon completion of an audition with the choral director to determine appropriate ensemble placement. All courses involve instruction in sight singing, basic theory, and vocal technique and performance opportunities. Rehearsals and performances after school hours are required and make up a significant portion of each student's grade. Students must register for both semesters unless an exception is approved by the choral director. **Prerequisite: 8th grade chorus or successful audition with Choral Director.**

FIRST SEMESTER

WOMENS CHORUS

354000CW

1 UNIT

SECOND SEMESTER

ADV WOMEN'S CHORUS(Spring)

353900CW

1 UNIT

Grades 9-12

This vocal group consisting of female voices studies and performs 2 and 3 part choral music as well as develops each student's sight reading skills and music literacy. Rehearsals and performances after school hours are required. Students must enroll in both courses.

FIRST SEMESTER

CONCERT CHOIR

354000CW

1 UNIT

SECOND SEMESTER

ADV CONCERT CHOIR

353900CW

1 UNIT

Grades 9-12

This course is designed for advanced students with previous experience. Made up of male and female voices, the group studies advanced choral literature, performs often, and participates in several clinics, festivals, and competitions. Students should also register for Advanced Concert Choir. Students must enroll in both courses.

COURSE OFFERINGS

FRESHMAN

MILITARY SCIENCE NAVAL JUNIOR RESERVE OFFICERS' TRAINING CORPS

NJROTC offers an exciting and challenging academic program designed to encourage critical and creative thought and an opportunity to achieve leadership in the school and the community. This course will provide valuable preparation for students interested in Navy programs such as the US Naval Academy and college Navy ROTC programs. With two and three years of Naval Science instruction, students will be able to enlist in the Armed Forces at an advanced pay grade after high school graduation. No military obligation will result from participation in the NJROTC program. NJROTC Cadets will have the opportunity to be members of exciting extra-curricular teams and activities such as the Drill Team, Color Guard, Honor Guard, Air Rifle Marksmanship Team, Orienteering Team and Academic Team. Field trips of interest, including at-sea training when available, are an important part of the NJROTC program. Cadets are furnished complete summer and winter uniforms at no cost, which are property of the U.S. Government and must be properly cared for and returned at the end of the NJROTC enrollment. A nominal fee is normally required for name tags and other unit items. These fees can usually be covered if and when cadets participate in unit fundraising activities.

NJROTC NAVAL SCIENCE 1

375101CW

1 Unit

Grade 9

Prerequisites: None [Summer Basic Leadership Training (mini-boot camp) and freshman indoctrination recommended.]

Topics of this course include: Introduction to NJROTC, Military Drill, Leadership and Follower-ship Skills, Citizenship and American Government, Navy Ships, Naval Aviation, Military Customs and Courtesies, Wellness/Fitness and First Aid, Geography and Survival Skills. Students will be afforded the opportunity to advance, and assume leadership positions within the Naval Science 1 class. Cadets will have the opportunity to visit a military base during the course. Career planning opportunities will be presented and unit/community service projects will be made available. Although 9th grade cadets are only allowed one semester of Naval Science, they are strongly encouraged to be active all year with the extracurricular teams, fundraising projects and other unit and community service projects. *Comprehensive Health, as required by state regulation, is taught as a part of this course.*

One credit of Physical Education is required for a student to be awarded a state high school diploma. A student may enroll in NJROTC for one unit to meet the physical education course requirement. All Physical Education courses are coeducational.

PHYSICAL EDUCATION/HEALTH

PHYSICAL EDUCATION 1

344100CW

1 Unit

Grade 9

This course exposes students to numerous fitness, sports related, and leisure-time activities with major emphasis placed on physical and lifetime fitness, basic sports skills, and game knowledge. Lifetime appreciation for physical fitness and healthy choices will be emphasized. **Students are required to dress in appropriate attire as part of their grade. Guidelines for appropriate attire will be provided.** *Comprehensive Health, as required by state regulation, is taught as a part of this course.*

***Starting in 2021-2022 Students will only be able to earn 4 credits of PE/Weightlifting*

PERSONAL HEALTH AND WELLNESS —CP

340200CH

Emphasizing personal responsibility, this course offers students current information and skill development opportunities in planning and practicing a healthy lifestyle. Focusing on student understanding of the importance of physical, emotional, and social health to the quality of life during all stages of human development, this course provides a basis for lifelong learning in primary health topic areas. Students will receive the required components of Comprehensive Health Education such as pregnancy prevention, drug prevention, CPR, and nutritional health.

COURSE OFFERINGS

FRESHMAN

CAREER & TECHNOLOGY EDUCATION FRESHMAN COURSE OFFERINGS

POLICY STATEMENT

Technology courses prepare students for full-time employment in their chosen field upon high school graduation or for further training at a two or four-year college. All of the programs offer skills which prepare the students to participate in a rigid certification test which will guarantee higher wages on the job or advanced placement in college. Technology courses are standard-based; therefore, students are required to strive for maximum competencies in order to receive credit for the course. See the FDJTC course descriptions starting on page 74

The Technology Center offers opportunities for students on academic assistance, career exploration/selection, and school/work transition. Each student receives an assessment of his or her interests, abilities and special needs as related to success in an educational program. All students, including those certified as handicapped by Special Services/Vocational Rehabilitation or disadvantaged by the technology center are eligible for opportunities available in technology education. Students are provided opportunities for special services, including adaptation of curriculum, equipment, and facilities designed to meet the needs established for the student.

FDJTC Course descriptions are located in the last section of this registration guide.

YORK COMPREHENSIVE HIGH SCHOOL
FLOYD D JOHNSON TECHNOLOGY CENTER

UPPERCLASSMEN COURSES



COURSE OFFERINGS

UPPERCLASSMEN

ENGLISH LANGUAGE ARTS

No student will be denied access to take any course as long as they have passed the appropriate prerequisite course and met all prerequisite requirements. All courses in the registration guide may not be available. Student entrance into a course may be restricted as a result of scheduling limitations.

Students are required to earn 1 unit of English credit each year of high school and are required to complete four (4) units of English to receive a high school diploma.

ENGLISH 2 302500CW 1 Unit Grade 10

Prerequisite: English 1 or English 1 CP

This course is designed for students who may need more support to be successful readers and writers. The content covered includes literature and informational texts, vocabulary, and written and oral communication. Genre study is emphasized. Students taking English 2 will earn one unit of English CP credit. Placement determined by MAP scores. **South Carolina End-of-Course Examination is required.**

ENGLISH 2 - CP 302501CW 1 Unit Grades 10

Prerequisite: English 1-CP, or English 1-H

Genre study is emphasized, in addition to practicing written and oral communication. **South Carolina End-of-Course Examination is required.**

ENGLISH 2 - H 302500HW 1 Unit Grades 9 - 10

Prerequisite: English 1-CP or English 1-H

The overall objective of this course is related to the concepts of critical thinking, the reading of multi-cultural literary genres, and written literary analysis. Extensive outside reading, frequent written assignments, Socratic seminars, and presentations afford the student ongoing opportunities to develop the critical thinking skills necessary for success in college. **South Carolina End-of-Course Examination is required.**

ENGLISH 3 302600CW 1 Unit Grade 11

Prerequisite: English 2 or English 2-CP

This course is designed for students who may need more support to be successful readers and writers. The content focus is American literature and longer, more complex written responses. Students taking English 3 will earn one unit of English CP credit. Placement is determined by previous course grade and recommendation.

ENGLISH 3 - CP 302601CW 1 Unit Grades 10-11

Prerequisite: English 2, English 2-CP, or English 2-H

Students study American literature by reading a variety of informational and literary texts. This course is designed to strengthen the skills necessary for academic success in high school and college.

ENGLISH 3 - H 302600HW 1 Unit Grades 10 – 11

Prerequisite: English 2 - CP or English 2-H

Students study American literature. Reading and analysis of literary and informational texts is a class requirement. Self-directed research allows the student to reach conclusions that are presented in written, visual, and oral formats.

ENGLISH 4 302700CW 1 Unit Grade 12

Prerequisite: English 3 or English 3-CP

This course is designed for students who may need more support to be successful readers and writers. The content focus is British literature and longer, more complex written responses. Students taking English 4 will earn one unit of English CP credit. Placement is determined by previous course grade and recommendation.

COURSE OFFERINGS

UPPERCLASSMEN

ENGLISH LANGUAGE ARTS CONTINUED

ENGLISH 4 - CP

302701CW

1 Unit

Grade 12

Prerequisite: English 3, English 3-CP, English 3-H

The content focus is British literature and longer, more complex written responses. This course is designed to strengthen the skills necessary for academic success in high school and college. Placement is determined by previous course grade and recommendation.

ENGLISH 4 - H

302700HW

1 Unit

Grades 11-12

Prerequisite: English 3 CP or H

This course is designed to provide students with an opportunity to refine their critical thinking skills through a focused study of British literature. Extensive reading and analysis of literary and informational texts is a class requirement.

ENGLISH LITERATURE & COMPOSITION – AP

307001AW

1 Unit

Grade 11—12

Prerequisite: English 4 CP or H, Enrollment in Advanced Studies in English-H is required.

This course is for college-bound seniors who want to develop critical thinking, reading, and writing skills essential for success in college. College credit may be earned. It is paired with Advanced Studies in English. **AP examination is required.**

DUAL CREDIT OFFERINGS

ENGLISH 101 (Composition)

301500EW

1 Unit – Dual Credit

Grade 11—12

Prerequisites: English 3 Honors, English 4 CP or H

English 101 is a college level course offered through York Technical College. Topics presented include a study of composition in conjunction with appropriate literacy selections, with frequent themed assignments to reinforce effective writing. Students may be required to pay a registration fee to

York Tech and purchase the required textbook. Students may earn 3 hours of college transfer credit.

ENGLISH 102

301600EW

1 Unit--Dual Credit

Grade 12

Prerequisite: English 101 with a grade of a "C" or better

This is a college transfer course in which the following topics are presented: development of writing skills through logical organization, effective style, literary analysis and research. An introduction to literary genre is also included. Students may earn 3 hours of college transfer credit.

ENG 155: Communications I

1 Unit-Dual Credit

Grade 12

This course introduces the principles of expository writing and public speaking through practice and development of communication skills.

ELECTIVES

ENGLISH ADVANCED STUDIES - H

303041HW

1 Unit – Elective Credit

Grade 12

This course is required for students who are enrolled in an Advanced Placement course in English. It continues the credentialed College Board curriculum.

CREATIVE WRITING - CP

303202CH

1/2 Unit - Elective Credit

Grades 9-12

Creative writing is a course for refining writing skills and expressing creativity. Students compose poetry, short stories, drama, and non-fiction.

PUBLIC SPEAKING - CP

304001CH

1/2 Unit - Elective Credit

Grades 9-12

The course covers the basics of public speaking and provides students with the opportunity to practice and refine speaking skills.

COURSE OFFERINGS

UPPERCLASSMEN

MATHEMATICS

Students are required to earn 1 unit of math credit each year of high school and are required to complete four (4) units of math to receive a high school diploma.

ALGEBRA 2

411500CW

1 Unit

Grades 10

Prerequisite: Algebra 1 and MAP, EOC and, teacher recommendation. This course is designed for students who may need more support to be successful in Algebra 2.

This course covers an in-depth study of linear, quadratic, exponential, logarithmic, absolute value, radial and rational functions. The objective of this course is to provide a challenging course that exposes high school students with excellent mathematical skills to the concepts of Algebra II. The students will be able to discuss functions from a numerical, graphical, and analytical points of view. The students will solve problems with and without technology to model real world phenomenon. It is recommended that the student have a graphing calculator.

ALGEBRA 2 – CP

411501CW

1 Unit

Grades 10

Prerequisite: Algebra 1

This course covers an in-depth study of linear, quadratic, exponential, logarithmic, absolute value, radial and rational functions. The objective of this course is to provide a challenging course that exposes high school students with excellent mathematical skills to the concepts of Algebra II. The students will be able to discuss functions from a numerical, graphical, and analytical point of view. The students will solve problems with and without technology to model real world phenomenon. It is recommended that the student have a graphing calculator.

ALGEBRA 2 – H

411500HW

1 Unit

Grades 9-10

Prerequisite: Algebra 1 (“B” or better recommended) or teacher recommendation.

This course is for the advanced Algebra student. It covers the topics learned in Algebra 2 on a higher level and also covers exponential, logarithmic, and trigonometric functions. The student must provide a graphing calculator.

ALGEBRA 3 - CP

411300CW

1 Unit

Grades 12

Prerequisite: Algebra 2 & Geometry, or teacher recommendation.

This course is designed for students who have taken Algebra 2 but who do not have a strong enough background to go directly into Pre-calculus. This bridge course includes some of the culminating topics of Algebra 2 and some of the introductory topics of Pre-calculus. Students are expected to use technology, including graphing calculators, computers, and data-gathering equipment throughout the course. The student must provide a graphing calculator.

CALCULUS – H

413500HW

1 Unit

Grade 12

Prerequisites: Pre-calculus Honors or Pre-calculus (B or higher recommended).

This course is appropriate for students who have completed Pre-calculus and who have a good command of the mathematical skills and knowledge from Algebra 1, 2, and Geometry. A graphing calculator must be provided by the student.

CALCULUS (AB) - AP

417001AW

1 Unit

Grades 11-12

Prerequisite: of Pre-calculus Honors (“B” or better recommended) and Advanced Studies in Calculus concurrent enrollment required.

This course is intended for students who have a thorough knowledge of college prep mathematics, including algebra, axiomatic geometry, trigonometry, and analytic geometry, rectangular and polar coordinates, equations and graphs, lines and conics. It is assumed that students have acquired a sound understanding of the theory of elementary functions. A graphing calculator must be provided by the student. Students must also register for Advanced Studies in Calculus. College credit may be earned. **AP examination is required.**

COURSE OFFERINGS

UPPERCLASSMEN

MATHEMATICS

CALCULUS (BC) - AP

417200AW

1 Unit

Grade 12

Prerequisites: Advanced Placement Calculus (AB).

This course includes all topics covered in Calculus AB plus additional topics. This is a very rigorous course and it requires students to have a B or better in prerequisite courses. A graphing calculator must be provided by the student. **AP Examination is required.**

GEOMETRY

412200CW

1 Unit

Grade 11

Prerequisite: Algebra 2, MAP and/or PASS Scores, Teacher recommendation. This course is designed for students who may need more support to be successful in Geometry.

This course deals with quantitative reasoning, transformations in the plane, proving/applying geometric theorems (including theorems about angle relationships, triangles, and circles), making geometric constructions, trigonometric ratios, evaluating data, solving problems involving area, surface area, and volume shapes. It is recommended that the student have a graphing calculator.

GEOMETRY – CP

412201CW

1 Unit

Grade 11

Prerequisite: Algebra 2

This course deals with quantitative reasoning, transformations in the plane, proving/applying geometric theorems (including theorems about angle relationships, triangles, and circles), making geometric constructions, trigonometric ratios, evaluating data, solving problems involving area, surface area, and volume shapes. It is recommended that the student have a graphing calculator.

GEOMETRY – H

412200HW

1 Unit

Grade 11

Prerequisite: Completion of Algebra 2 Honors ("B" or better recommended) or Teacher recommendation.

This course deals with topics covered in Geometry on a high level. In-depth study of transformation and loci are included. A graphing calculator is recommended.

INTERMEDIATE ALGEBRA

411700CW

1 Unit

Grade 10

This is a continuation of Foundations in Algebra. Students will continue to build mathematical competency as they explore a variety of topics. This course includes the following topics: data analysis, elementary algebra, the algebra of straight lines, graphical estimation, using lines and equations and describing functions with algebra. **South Carolina End-of-Course Examination required.**

PRE-CALCULUS - CP

413101CW

1 Unit

Grades 11-12

Prerequisite: Algebra 1, Algebra 2, and Geometry ("B" or higher recommended) or teacher recommendation.

This course covers the same topics as Pre-calculus Honors, but is designed for students who do not plan to take AP Calculus. Students planning to attend college or a technical school to pursue math or science fields of study that require a strong math skills will benefit from taking this course. A graphing calculator must be provided by the student.

PRE-CALCULUS - H

413131HW

1 Unit

Grades 11-12

Prerequisite: Algebra 2 and Geometry at the Honors level ("B" or better recommended) or teacher recommendation.

This course is a 3rd-year college prep course for students who plan to take AP Calculus. The rigor and pace of the course ensure students develop a solid mathematical foundation for the study of AP Calculus. A graphing calculator must be provided by the student.

PROBABILITY & STATISTICS

414101CW

1 Unit

Grades 12

Prerequisite: Must have passed three units of math.

FORMALLY APPLIED PROBABILITY AND STATISTICS. This course focuses on developing a student's understanding of and ability to apply mathematics to solve real-world problems dealing with probability, statistics, and data analysis. Students should have mastered Algebra 1 standards prior to enrolling in this course. Students are expected to use scientific calculators, graphing calculators, and/or computer software in this course. A graphing calculator is recommended.

COURSE OFFERINGS

UPPERCLASSMEN

MATHEMATICS

PROBABILITY, STATISTICS, AND DATA ANALYSIS - CP 414100CW

1 Unit

Grade 12

Prerequisite: Pre-calculus/Algebra 2 or Algebra 3 and / or teacher recommendation.

This course focuses on teaching students the fundamental principles of probability and statistics including how to apply these principles to data analysis. Students are expected to utilize scientific calculators, graphing calculators, and/or computer software throughout the year, utilize statistical applications to solve a wide variety of real-world problems. The student must provide a graphing calculator.

ELECTIVE CREDIT OFFERINGS

CALCULUS ADVANCED STUDIES (AB) - H

414101HW

1 Unit – Elective Credit

Grades 11-12

Prerequisite: Concurrent enrollment in AP Calculus (AB).

This course is a continuation of the Advanced Placement (AP) Calculus course and must be taken by all students in AP Calculus. The student must provide a graphing calculator. **AP Examination is required.**

DUAL CREDIT OFFERINGS

COLLEGE ALGEBRA (MAT 110)

319902EW

1 Unit – Dual Credit

Grade 12

Prerequisites: Pre-calculus

This course is a dual credit course offered through York Technical College. This course includes the following topics: polynomial, rational, logarithmic, and exponential functions; inequalities; systems of equations and inequalities; matrices; determinants; simple linear programming; solutions of higher degree polynomials; combinatorial algebra, including binomial theorem; introduction to probability. Students may be required to pay a registration fee to York Tech and purchase the required textbook. Students may earn 3 hours of college transfer credit. A graphing calculator must be provided by the student.

CONTEMPORARY MATHEMATICS (MAT 155)

1 Unit-Dual Credit

Grade 12

This course includes techniques and applications of the following topics; elementary number theory; algebra; geometry; measurement; graph sketching and interpretations; and descriptive statistics.

PROBABILITIES AND STATISTICS (MAT 120)

414300EW

1 Unit

Grade 12

Prerequisites: GPA of 3.0 or Qualifying ACCUPLACER Test scores or equivalent SAT and ACT scores.

This course includes the following topics: introductory probability and statistics, including organization of data, sample space concepts, random variables, counting problems, binomial and normal distributions, central limit theorem, confidence intervals and test hypothesis for large and small samples; types I and II errors, linear regression; and correlation.

SCIENCE

Students are expected to earn 1 unit of science each year and are required to complete three (3) units of science to receive a high school diploma. Biology 1, Chemistry 1 and any course for which Biology and Chemistry is a prerequisite are recognized as lab sciences by colleges and universities. Students must successfully complete end-of-course tested science unit (Biology) to meet requirements for graduation.

ANATOMY & PHYSIOLOGY - CP

326301CW

1 Unit

Grades 11-12

Prerequisites: Biology 1- CP. Grade C or better recommended.

This course is a study of the human anatomy and function. Dissections are an integral part of the learning experience in this class and dissection of the pig and various organs is mandatory. Students who are not willing to dissect will not be permitted to take this course.

ANATOMY & PHYSIOLOGY-H

326300HW

1 Unit

Grades 11-12

Prerequisites: Biology 1 Honors Grade B or better recommended.

Students enrolled in this class will study the anatomy and physiology of the human body using a body systems approach. The course will involve in-depth analyses of the skeletal, muscular, nervous, digestive, circulatory, reproductive, and respiratory systems. Lab activities will supplement class lectures and will include dissection and skeletal reconstruction. Mandatory quarterly projects are also an integral part of the class. Grades will be based on tests, notebooks, projects, and lab work. Honors credit will be awarded.

COURSE OFFERINGS

UPPERCLASSMEN

SCIENCE CONTINUED

BIOLOGY 1 - CP

322101CW

1 Unit

Grades 9—10

This course surveys the fundamental characteristics of living organisms. Lectures, films and lab sessions are part of instruction. This course is recommended for the college bound student. **South Carolina End-of-Course Examination required.**

BIOLOGY 1 - H

322100HW

1 Unit

Grades 9—10

This course is designed for students performing at an advanced level in mathematics and sciences and involves intensive study of biological principles in preparation for further study in Honors and Advanced Placement high school science courses and college science majors. This course offers a more rigorous approach to the study of fundamental characteristics of living organisms. Lectures, independent work, lab sessions, and computer technology are integrated into the instruction. **South Carolina End-of-Course Examination required.**

CHEMISTRY - CP

323101CW

1 Unit

Grades 11

Prerequisites: Algebra 2

This course deals with the nature and structure of matter, the periodic system, atomic structure, chemical reactions and equations, stoichiometry, solutions and solubility. Emphasis is placed on problem solving. Laboratory activities are coordinated to enhance the course content.

CHEMISTRY - H

323102HW

1 Unit

Grades 11

Prerequisites: Algebra 2 Honors (or currently enrolled in Algebra 2 Honors) with a recommended grade of B or higher.

This course is a more rigorous study of the nature and structure of matter, the periodic system, atomic structure, chemical reactions and equations, stoichiometry solutions and solubility. Emphasis is placed on problem solving. Laboratory activities are coordinated to enhance the course content. This course is recommended for the honors-level, college bound students.

CHEMISTRY 2- H

323202HW

1 Unit

Grades 11—12

Prerequisites: Algebra 2 Honors and Chemistry 1 Honors with a recommended grade of 85 or higher.

This course is a more rigorous study of the nature of matter, gas laws, solutions, thermochemistry, chemical equations, nuclear and acid-base chemistry. Emphasis is placed on problem solving. Laboratory activities are coordinated to enhance the course content.

EARTH SCIENCE - CP

326500CW

1 Unit

Grades 10-12

Prerequisites: Integrated Science and Biology 1 CP are recommended.

This course uses a multidisciplinary approach to incorporate astronomy, meteorology, geology, and oceanography into a holistic explanation of our planet. The course is recommended for students planning to enroll in a two year technical school or entering the work force after high school graduation.

ENVIRONMENTAL SCIENCE - CP

326102CW

1 Unit

Grades 11-12

Prerequisite: Biology 1 CP.

In this course, students explore the environment and discuss potential environmental problems caused by humans, such as population growth, natural resource depletion, and pollution. Additional topics increase the understanding of biological concepts, including ecology, evolution, and classification.

FORENSIC SCIENCE-CP

324500CW

1 Unit

Grades: 11-12

Prerequisites: Recommended grade of 80 or higher in Biology 1 or a 75 or higher in Chemistry 1.

This course is for students who are interested in the forensic science aspects of Biology and Chemistry. This course will briefly review chemistry topics that pertain to arson investigations, toxicology, evidence collection, fingerprint analysis, and material identification. The focus of this course will be on the biological aspects of forensic science that pertain to postmortem examinations, serology, DNA evidence, entomology, microscopy (hairs and fibers), and estimating time of death. This course uses laboratory-based activities and a hands-on approach to provide students the opportunity investigate the application of science to

COURSE OFFERINGS

UPPERCLASSMEN

SCIENCE CONTINUED

PHYSICS - H

324101HW

1 Unit

Grades 11-12

Prerequisites: Recommended grade of B or higher in Algebra 2 and Geometry with concurrent enrollment in Pre-Calculus or higher math.

The content of this course focuses on matter and energy, force and motion, thermodynamics, wave motion, nature of light, electricity and magnetism, nuclear physics, and modern physics. The course emphasizes learning through problem-solving and lab activities, mathematical analysis, scientific inquiry, technological design, and discussions. This course is recommended for students planning to enroll in a 4-year college.

DUAL CREDIT OFFERINGS

ANATOMY AND PHYSIOLOGY I (BIO 210)

322800EW

1 Unit-Dual Credit

Grades 11-12

Prerequisites: Biology 1 Honors and Chemistry with a grade B or better recommended.

This is the first in a sequence of courses, including an intensive coverage of the body as an integrated whole. All body systems are studied.

ANATOMY AND PHYSIOLOGY II (BIO 211)

1 Unit-Dual Credit

Prerequisites: Biology 1 Honors and Chemistry with a grade B or better recommended.

This is a continuation of a sequence of courses, including intensive coverage of the body as an integrated whole. All body systems are studied.

BIOLOGICAL SCIENCE 1 (BIO 101)

322102EW

1 Unit - Dual Credit

Grade 12

Prerequisites: Biology 1 Honors and Chemistry with a grade B or better recommended.

This course is the first of a sequence introducing biology. Topics include the scientific method, basic biochemistry, cell structure and function, cell physiology, cell reproduction and development, Mendelian genetics, population genetics, natural selection, evolution, and ecology.

BIOLOGICAL SCIENCE 2 (BIO 102)

32202EW

1 Unit – Dual Credit

Grade 12

Prerequisites: Biology 1 Honors and Chemistry with a grade B or better recommended.

This course is a dual credit course offered through York Technical College. Topics include classification of organisms and structural and functional considerations of all kingdoms (particularly major phyla as well as viruses). Invertebrate and Vertebrate animals as well as Non-vascular and Vascular plants are emphasized. Lectures and laboratory sessions are part of the course of study. Students taking this course may be required to pay a registration fee and laboratory fee to York Tech and purchase the required textbook. Students may earn 4 hours of college transfer credit.

AP COURSES

These courses may be offered online through the ARC Program. **AP Examination is Required.**

⇒ AP CHEMISTRY

⇒ AP BIOLOGY

⇒ AP ENVIRONMENTAL SCIENCE

SOCIAL STUDIES

Students are expected to earn 1 unit of social studies credit each year and are required to complete three (3) units of social studies to receive a high school diploma. One unit must be in U.S. History and Constitution, ½ unit must be in Economics, which includes instruction in personal finance, and ½ unit must be in American Government. The third credit should be selected from other social studies courses. Elective courses in social studies are open to all students unless limited by prerequisites, and may be taken concurrently with required ones.

ADVANCED PLACEMENT WORLD HISTORY: MODERN 337700AW

1 Unit

Grades 9-12

An introductory college-level course in modern world history. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. **AP examination is Required.**

COURSE OFFERINGS

UPPERCLASSMEN

SOCIAL STUDIES

ECONOMICS and PERSONAL FINANCE- CP

335001CH

1/2 Unit

Grade 12

Students will study economics and personal finance beginning with how humans address the fundamental problem of scarcity by making choices based on the existence of limited resources, and that all choices are met with consequences. Students will investigate how personal financial decisions related to careers, spending, and short- and long-term goal setting impact one's standard of living and long-term financial well-being. Traditionally, the field of economics is divided into two categories: microeconomics and macroeconomics. In the domain of microeconomics, students will survey the impact of demand, supply, various market structures, and government policies have on market prices for goods, services, and wages for workers. Inquiry into macroeconomics involves observing trends in the economy at large and the policies that are undertaken to promote the economic well-being of a society. The study of economics and personal finance provides a basis for students to develop the skills necessary to live and thrive financially in the 21st century and participate in society as active and informed decision-makers.

ECONOMICS and PERSONAL FINANCE- H

335000HH

1/2 Unit

Grade 12

This course is for the advanced student. The curriculum will cover the topics taught in Economics but on a higher and more demanding level. This course must be paired with Government Honors.

HUMAN GEOGRAPHY CP

331001CW

1 Unit

Grades 9-12

Examining current global issues that impact our world today, this course takes a thematic approach to understanding the development of human systems, human understanding of the world, and human social organization. Divided into two semesters, this high school level course will challenge students to develop geographic skills, including learning to interpret maps, analyze data, and compare theories. Offering interactive content that will grow students' understanding of the development of modern civilization and human systems from the agricultural revolution to the technological revolution this course encourages students to analyze economic trends as well as compare global markets and urban environments.

UNITED STATES HISTORY - AP

37201AW

1 Unit

Grades 11

Prerequisite: B or better in World History; or B or better in English 2/3-CP or Honors. Concurrent enrollment in Advanced Studies in US History.

This course is for advanced high school students and is taught on a college level. Students learn to assess historical materials and are required to analyze and interpret primary sources, including documentary materials, maps, statistical tables, and pictorial and graphic evidence of historical events. Since this course requires numerous outside readings and written assignments, students planning to take the course should consider the amount of time they have to devote to their preparation. College credit may be earned. **AP examination is required. South Carolina End-of-Course Examination is required.**

UNITED STATES HISTORY AND THE CONSTITUTION-CP

1 Unit

332001CW

Grades 11

United States History is a survey of the political, economic, and cultural development of our nation from its founding to the present. All students at the 11th grade level are required to take a course in United States History. Students use writing and researching skills to analyze primary sources such as political speeches, political cartoons and other documents to interpret their historical impact on the time period. Particular focus will be placed on the United States Constitution as required by SC state law. **South Carolina End-of-Course Examination is required.**

UNITED STATES HISTORY AND THE CONSTITUTION – HONORS

Unit

332002HW

Grades 11

Prerequisite: B or better in World History; or B or better in English 2/3-CP or Honors.

Honors students will meet the upper level expectations and rigor of an advanced course through the reading of primary documents, frequent writing assignments, technology-based research and creative projects, collaborative projects with classmates and other classes, and oral presentations. Students will analyze data, political cartoons, and written works to enhance these upper level skills. **South Carolina End-of-Course Examination is required.**

COURSE OFFERINGS

UPPERCLASSEMEN

SOCIAL STUDIES CONTINUED

U.S. GOVERNMENT - CP

333001CH

1/2 Unit

Grade 12

Students will learn how various powers are granted and distributed among the different branches and levels of government, and how checks and balances prevent one branch from overpowering the others. Additionally, students will investigate how American political values are formed and how government functions through individual participation and policy making. In order to continue to thrive, a strong democracy relies on active participation by informed individuals dedicated to upholding the rule of law and individual rights. Overall, the study of United States Government provides a basis for students to develop the skills necessary to live and thrive in America's constitutional democracy and participate in society as active and informed citizens.

U. S. GOVERNMENT - H

333000HH

1/2 Unit

Grade 12

This course is for the advanced student. The curriculum content will cover the topics taught in American Government but on a higher and more demanding level. This course must be paired with Economics Honors.

WORLD HISTORY: MAKING OF THE MODERN WORLD - H

336000HW

1 Unit

Grades 9-12

This course consists of the same content material as World History: Making of the Modern World CP but on an advanced level with greater depth, exploration, and rigor.

ELECTIVE CREDIT OFFERINGS

AMERICAN GOVERNMENT (PSC 201)

331001EW

1/2 Unit - Dual Credit

Grades 12

(Paired with Honors Economics-.5 credit)

This course is designed to introduce you to the study of American government and politics. The course will examine the Constitution and characteristics of American democracy, the basic structure and functions of the three branches of

government (Presidency, Congress, Judiciary), as well as significant actors in the U.S. political system (e.g., political parties, interest groups, news media). This course is paired with a semester-long Economics Honors course. **Students may earn 3 hours of college transfer credit.**

AP SS PREP LAB - H

336900HW

1 Unit - Elective Credit

Grades 11

Prerequisite: Concurrent enrollment in AP US History.

This course is a continuation of the Advanced Placement (AP) U.S. History course and must be taken by all students in AP U.S. History.

CRIMINAL LAW (CRJ 115)

652300EW

1 UNIT- Dual Credit

Grades 11-12

This course covers the development of criminal law in America. The basic elements of specific criminal offenses, criminal defenses, and various legal principles upon which criminal law is established are reviewed. Students may earn 3 hours of college credit.

GENERAL PSYCHOLOGY - PSY 201

334002EW

1 Unit – Dual Credit

Grades 11-12

This course is a dual credit course offered through York Technical College. This course includes the following topics and concepts in the science of behavior: scientific method, biological bases for behavior, perception, motivation, learning memory, development, personality, abnormal behavior, therapeutic techniques, and social psychology. Students may be required to pay a registration fee to York Tech and purchase the required textbook. Students may earn 3 hours of college transfer credit.

HUMAN GEOGRAPHY - AP

337900AW

1 Unit

Grades 10

This advanced, college level course focuses on the distribution, processes, and effects of human populations on the planet. Emphasis is placed on geographic models and their applications. Case studies from around the globe are compared to the situation in both the United States and locally. College credit may be earned. **AP examination is required.**

COURSE OFFERINGS

UPPERCLASSMEN

SOCIAL STUDIES CONTINUED

INTRODUCTION TO CRIMINAL JUSTICE (CRJ 101) 652000EW

1 Unit – Dual Credit

Grades 11-12

This course is a dual credit course offered through York Technical College. This course includes an overview of the functions and responsibilities of agencies involved in the administration of justice to include police organizations, court systems, correctional systems, and juvenile justice agencies. Students may be required to pay a registration fee to York Tech and purchase the required textbook. Students may earn 3 hours of college transfer credit.

LAW EDUCATION 333600CW

1 Unit

Grades 10-12

This course in practical law is designed to educate students in basic civil rights and responsibilities. The curriculum concentrates on criminal and civil law on all levels.

PSYCHOLOGY - CP 334001CH

1 Unit

Grades 11-12

This course is taught as an introduction to the field of psychology. Topics covered include infancy, adolescence, old age, death and dying, mental illnesses and drug use. This course must be paired with Sociology or another 9-week, 1/2 unit course.

SOCIOLOGY – CP 334501CH

1 Unit

Grades 11-12

This course is taught as an introduction to the field of sociology. Topics covered include culture, deviance, inequalities of race and gender, social institutions, and religions. This course must be paired with Psychology or another 9-week, 1/2 unit course.

DUAL CREDIT OFFERINGS

WESTERN CIVILIZATION TO 1689 (HIS 101) 336600EW

1 Unit - Dual Credit

Grades 10-12

This course is a survey of western civilization through 1689, including the major political, social, economic and intellectual factors which shape the modern eastern world. Students may be required to pay a registration fee to York Tech and purchase the required textbook. Students may earn 3 hours of college transfer credit.

AVAILABLE AP COURSES

These courses are available on line through the ARC lab:

- ⇒ AP American Government
- ⇒ AP Economics

WORLD LANGUAGES

Students who plan to attend a four year college or university must satisfy a minimum requirement of two units of the same foreign language. Some colleges recommend three units of study in the same language. It is recommended that college bound students plan to take three levels of the same language during their high school career; however, students are not required to take a foreign language to earn a high school diploma. The district world language program adheres to the S.C. Academic Standards for Modern and Classical Languages and to national standards and is designed to accommodate all students by appealing to a variety of learning styles. All students have the opportunity to study world languages.

The World Language Department offers 5 levels of language study.

Level 1 courses are designed to help students acquire a basic proficiency of the target language.

Level 2 courses are designed to help students expand on their basic proficiency of the target language.

Levels 3, 4 and AP (Advanced Levels) courses are designed to help students expand on and perfect their knowledge and proficiency of the target language.

AP SPANISH

367500AW

1 UNIT

Grades 11-12

Prerequisite: Spanish 1, 2, and 3

The AP Spanish Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. In accordance with SC World Language proficiency guidelines, students are graded on their ability to communicate in Spanish at the course level. Students must also take Spanish 4 Honors. College credit may be earned. **AP examination is required.**

COURSE OFFERINGS

UPPERCLASSMEN

WORLD LANGUAGES CONTINUED

SPANISH 1 - CP

365101CW

1 Unit

Grades 9-12

Spanish 1 begins the study of the Spanish language for the college bound student. While engaging in compelling, understandable stories, novels, culture, games, activities and classroom procedures students are immersed in Spanish right from the beginning. Grammar is presented as needed to communicate. All three modes of communication (Interpretive, Interpersonal, and Presentational) are integrated into the units and assessments. Skills are developed in listening, reading, writing and speaking as proficiency increases. In accordance with SC World Language proficiency guidelines, students are graded on their ability to communicate in Spanish at the course level.

SPANISH 2 - CP

365201CW

1 Unit

Grades 10-12

Prerequisite: It is recommended that a student have earned a "C" or higher in Spanish 1.

Spanish 2 continues to develop the skills and proficiency begun in Spanish 1. While engaging in compelling, understandable stories, novels, culture, games, activities and classroom procedures students continue to be immersed in Spanish. Grammar is presented as needed to communicate. All three modes of communication (Interpretive, Interpersonal, and Presentational) are integrated into the units and assessments. Skills are developed in listening, reading, writing and speaking as proficiency increases. In accordance with SC World Language proficiency guidelines, students are graded on their ability to communicate in Spanish at the course level.

SPANISH 3 - H

365301HW

1 Unit

Grades 10-12

Prerequisite: It is recommended that a student have earned a "C" average or higher in Spanish 2.

Spanish 3 Honors is a rigorous course that it will sharpen a student's proficiency the language (listening, reading, writing and speaking) and their ability to communicate on a wide range of topics. All three modes of communication (Interpretive, Interpersonal, and Presentational) are integrated into the units and assessments. Students continue to be immersed in Spanish while engaging in compelling, understandable stories, novels, culture, games, activities and classroom procedures. Grammar will be emphasized as more complicated ideas are communicated.

In accordance with SC World Language proficiency guidelines, students are graded on their ability to communicate in Spanish at the course level.

SPANISH 4-H

365401HW

1 Unit

Grades 11-12

Prerequisite: It is recommended that a student have earned a "C" average or higher in Spanish 3.

Spanish 4 Honors is more rigorous as it will continue to sharpen a student's proficiency the language (listening, reading, writing and speaking) and their ability to communicate on a wide range of topics. All three modes of communication (Interpretive, Interpersonal, and Presentational) are integrated into the units and assessments. Grammar will be emphasized as more complicated ideas are communicated and as students develop a more academic understanding of how the language works. In accordance with SC World Language proficiency guidelines, students are graded on their ability to communicate in Spanish at the course level.

FRENCH 1-CP

361101CW

1 UNIT

Grades 9-12

French 1 begins the study of the French language for the college bound student. It concentrates on basic reading, writing, listening and speaking skill, while studying relevant real world based themes units. All three modes of communication (Interpretive, Interpersonal and Presentational) are integrated into the units and assessments. Authentic materials such as videos, magazines and listening activities are incorporated into the lessons. Culture is an integral part of each unit.

FRENCH 2-CP

361201CW

1 UNIT

Grades 10-12

Prerequisite: It is recommended that a student have earned a "C" average or above in French 1.

French 2 reinforces the fundamental skills acquired by the students in French 1. The course develops increased listening, speaking, reading, and writing skills as well as cultural awareness. Specific content to be covered is a continuation of listening and oral skills acquired in French 1. Reading and writing receive more emphasis, while oral communication remains the primary objective. The cultural survey of the target language-speaking people is continued. The student will continue to develop communicative skills in all 3 modes of communication (interpretive, interpersonal, and presentational) and cross-cultural understanding.

COURSE OFFERINGS

UPPERCLASSMEN

WORLD LANGUAGES CONTINUED

FRENCH 3-H

361301HW

1 UNIT

Grades 11-12

Prerequisite: It is recommended that a student have earned a "C" average or above in French 2.

French 3 provides mastery and expansion of skills acquired by the students in French 2. Specific content includes, but is not limited to, expansions of vocabulary and conversational skills through discussions of selected readings. Contemporary vocabulary stresses activities which are important to the everyday life of the target language-speaking people. The student will continue to develop communicative skills in all 3 modes of communication (interpretive, interpersonal, and presentational) and cross-cultural understanding.

FRENCH 4-H

361401HW

1 UNIT

Grades 12

Prerequisite: It is recommended that a student have earned a "C" average or above in French 3.

This course is a continuation of French 3 with students continuing the Interpretive, Interpersonal and Presentational tasks; however this course gets emphasis to independent study and student directed tasks.

VISUAL & PERFORMING ARTS

The Fine Arts Department consists of studies in art, band, chorus, and drama. Art students at all levels study how art reflects, records and shapes history, and plays a role in every culture. All students keep sketchbooks, journals and portfolios, take curriculum-related field trips to view historical and professional art, and participate in many displays and competitions. Students must furnish some art supplies. It is highly recommended that all students enroll in at least one fine arts course during their tenure in high school. Four-year college entrance requirements include one unit in fine arts.

VISUAL ARTS

ART ADVANCED STUDIES - H

350401HW

1 Unit

Grade 12

Prerequisite: Concurrent enrollment in AP Studio Art.

This course is a continuation of the Advanced Placement (AP) Studio Art course and must be taken by all students in AP Art. Students must furnish some art supplies.

ART 1 - INTRODUCTION TO VISUAL DESIGN

350101CW

1 Unit

Grades 9-12

This course is an introductory art course designed for all students who have an interest in learning about the theory and practice of drawing, painting, design, art appreciation and art history. In addition to studio art projects, students will participate in gallery discussions, readings in art history and criticism, and keep a sketchbook. This course is a prerequisite for all visual arts courses.

CERAMICS 1

456100CW

1 Unit

Grades 10-12

Prerequisite: Art 1 (grade of "C" or better recommended)

This semester course is an art course designed for all students who have an interest in learning about the theory and practice of ceramics and other sculpture media. Students will learn the basic concepts and skills of ceramics and sculpture through a broad range of structured projects and art activities that stress problem solving, inventive thinking, and design relationships. In addition to studio art projects, students will be required to participate in gallery discussions, readings in art history and art criticism, art displays, and keeping an art book.

CERAMICS 2

456200CW

1 Unit

Grades 10-12

Prerequisite: Ceramics and Sculpture (grade of "C" or better recommended)

This semester course is an art course designed for students who are interested in advancing their ceramics skills to a professional level. Students in this class complete many open ended ceramics projects, as well as learning about how to run the kiln, improve their throwing skills, and create a body of cohesive work. In addition to studio art projects, students will be required to participate in gallery discussions, readings in art history and art criticism, art displays, and keeping an art book.

DRAWING 1

352100CW

1 Unit

Grades 10-12

Prerequisite: Art 1 (grade of "C" or better recommended)

This course develops basic drawing skills and understanding of visual language through studio instruction and lecture. Emphasis is on the development of perceptual skills through drawing from observation and on using the basic elements and principles of design in two-dimensional composition. Various media are explored including pencil, charcoal, and ink. Sketchbook, gallery discussions, readings in art history and criticism will be returned.

COURSE OFFERINGS

UPPERCLASSEMEN

VISUAL & PERFORMING ARTS CONTINUED

DRAWING 2

352100CW

1 Unit

Grades 10-12

Prerequisite: Drawing 1 (grade of "C" or better recommended)

This is an advanced class for the serious art student or art major. It is intended to strengthen the individual's use of various media and to develop either of the following: a college entry portfolio and/ or serve as a pre-advanced placement portfolio. Sketchbook and museum/gallery studies will be required. Students must furnish some art supplies.

STUDIO ART – AP

357200AW

1 Unit

Grade 12

Prerequisite: Concurrent enrollment in Advanced Art Studies and Portfolio.

This course is designed to meet the needs of students preparing to go to an art school or to be an art major in a college or university. All students will complete either a drawing portfolio, 2-D Design portfolio, or a 3-D Design portfolio. A digital slide portfolio must also be created and students are required to complete at least 24-30 quality pieces. Students must furnish some art supplies. College credit may be earned. **AP examination is required.**

PAINTING 1

352500CW

1 Unit

Grades 10-12

Prerequisite: Art 1 (grade "C" or better recommended)

This course presents representational and abstract painting in acrylic or oil, watercolor, and mixed media with emphasis on color, composition, and value. It covers the use of materials, color-mixing, and basic painting techniques. Sketchbook, gallery discussions, and reading in art criticism and history will be required.

PAINTING 2

352600CW

1 Unit

Grades 10-12

Prerequisite: Painting 1 (grade "C" or better recommended)

This course is designed for students who have serious interest or advanced skill and who are preparing for AP and College Applications. Students will apply the knowledge and techniques from Introduction to Painting in an in-depth, personal commitment to particular artistic concerns and will continue to develop and explore new processes and techniques. Sketchbooks, gallery discussions, and readings in art criticism and history will be required. Students must furnish some art supplies.

PERFORMING ARTS

THEATRE 1-SURVEY

452101CW

1 Unit

Grades 9-12

This course focuses on the basics of drama, students will expand their knowledge of theatre structure, variety and history. Students will develop skills in various aspects of theatre and film. This course provides an opportunity for students to gain an appreciation for skills in the art of theatre and film.

THEATRE 2--ACTING

452200CW

Grades 10-12

Prerequisite: Theatre 1 and teacher approval

This course focuses on the roles within the theatre and the role theatre plays in society. Students will expand their knowledge of the inner workings of theatre and how it affects and responds to society. Students will develop skills as actors as they study the different methods of acting.

THEATRE 3--DIRECTING

452300CW

1 Unit

Grades 10-12

Prerequisite: Theatre 1, 2 and teacher approval.

This course focuses on the role of the Director within theatre, students will expand their knowledge of the inner workings of theatre and how it affects and responds to society. Students will also continue studies in acting. Students will develop skills as a Director of a theatre/film as they thoroughly student the requirements of Directing.

COURSE OFFERINGS

UPPERCLASSMEN

VISUAL & PERFORMING ARTS CONTINUED

THEATRE 4-TECHNICAL THEATRE

452400CW

1 Unit

GRADE 10-12

Prerequisite: Theatre 1-3 and teacher recommendation.

Focusing on the role of the technical crew within theatre, students will expand their knowledge of the inner workings of theatre and how it affects and responds to society. Students will develop skills as a technical crew members of a theatre/ as they thoroughly study the requirements of Technical Theatre. Students will also participate in some continued Acting and Direction responsibilities.

INSTRUMENTAL MUSIC-BAND

These are performance based courses. Members are required to attend band camp, which is held prior to the beginning of school, and also attend and perform at after-school rehearsals. Students enrolled are required to perform at football games, parades, marching band competitions, concerts, festivals, and contests on the local, state, regional, and national level. A major trip is usually scheduled every other year. Students are required to take both semesters of band. Students are recommended for the appropriate band course by their current band director.

FIRST SEMESTER

MARCHING BAND & MARCHING BAND HONORS

1 Unit

353100CW/353100HW

Grades 9th-12th

Prerequisite: 8th grade band, current enrollment in high school band, band director's recommendation.

Emphasizes the development of visual and musical skills used in the modern marching band. Performances include football games, holiday parades, winter concert, and marching competitions. Moderate to high physical demand is required. A camp is held 2-3 weeks before school begins to prepare and train. After school preparation required August-October. The honors course moves at an elevated pace, encompassing upper level skills and demands.

SECOND SEMESTER

CONCERT BAND - SYMPHONIC BAND

1 Unit

353200CW/353200HW

Grades 9th-12th (primarily underclassmen)

Prerequisite: 8th grade band, current enrollment in high school band, band director's recommendation.

Focuses on concert band practices. Students study grades II-IV literature. Emphasis is placed on the advancement of technique, application and components of musicianship. Performances include Band Revue, and other possible community performances. Opportunities for individual student activities are available including All-Region Band, All-State Band, USC Clinic, Solo & Ensemble as well as scholarships/recognition nominations. Very little after school rehearsal is required. Attendance is required at all rehearsals and performances.

CONCERT BAND - WIND ENSEMBLE HONORS

1 Unit

353300CW/353300HW

Grades 9th-12th (primarily upperclassmen)

Prerequisite: 8th grade band, current enrollment in high school band, band director's recommendation.

Focuses on concert band practices. Students study grades IV-VI literature. High levels of individual performance and practice are expected. Performances may include Pre-Assessment Concert, SC State Performance Assessment, and Band Revue. Opportunities for individual student activities are available including All-Region Band, All-State Band, USC Clinic, Solo & Ensemble as well as scholarships/recognition nominations. Very little after school rehearsal is required. Attendance is required at all rehearsals and performances.

JAZZ BAND HONORS

353400CW/353400HW

1 Unit – "5th Block" Course

Grades 9th-12th (primarily upperclassmen)

Prerequisite: 8th grade band, current enrollment in high school band, application & band director's recommendation.

This course meets after school ONLY from November-May. Students will be given a calendar of class meetings which occur from one to three times a week. Students learn fundamental-advanced concepts of jazz ensemble rehearsing and performing including improvisation. Literature of dance band, swing, symphonic jazz, pop-rock, and contemporary styles will be explored. Many performance opportunities including: community events, SC State Jazz Performance Assessment, local & state jazz festivals, YSD1 Jazz Tour, winter concert, and Band Revue. Enrollment in the Honors Marching band and Honors Wind Ensemble track is strongly suggested. Attendance is required at all rehearsals and performances.

COURSE OFFERINGS

UPPERCLASSMEN

VISUAL & PERFORMING ARTS CONTINUED

DANCE EDUCATION-COUGARETTES

These are performance based courses. Members are required to attend band camp, which is held prior to the beginning of school, and also attend and perform at after-school rehearsals. Student enrolled are required to perform at football games, parades, marching band competitions and winter guard competitions on the local, state, and regional level. A major trip is usually scheduled every other year.

FIRST SEMESTER-COUGARETTES

1 Unit

Grades 9th-12th

Prerequisite: Formal audition at tryouts, and/or current enrollment in a Cougarettes team, director's recommendation. This course is designed to develop an artistic foundation in dance. Scope includes movement/dance vocabulary; applying choreographic tools and composition principles in evaluating dance works; promoting functional and artistic use of then movement/dance elements-body, space, time, dynamics-effort and relationships, technical training on traditional & nontraditional color guard equipment; and developing awareness of the body as an instrument of expression. Performances include football games, holiday parades, marching competitions, YSD1 Tour, and winter guard competitions. High physical demand is required. A camp is held 2-3 weeks before school beings to prepare and train. After school preparation required August-March (a calendar will be given).

SECOND SEMESTER-COUGARETTES

1 Unit

Grades 9th-12th

Prerequisite: Formal audition at tryouts, and/or current enrollment in a Cougarettes team, director's recommendation. This course is designed to develop an artistic foundation in dance. Scope includes movement/dance vocabulary; applying choreographic tools and composition principles in evaluating dance works; promoting functional and artistic use of then movement/dance elements-body, space, time, dynamics-effort and relationships, technical training on traditional & nontraditional color guard equipment; and developing awareness of the body as an instrument of expression. Performances include football games, holiday parades, marching competitions, YSD1 Tour, and winter guard competitions. High physical demand is required. A camp is held 2-3 weeks before school beings to prepare and train. After school preparation required August-March (a calendar will be given). ***The Cougarettes Summer Dance program is strongly suggested.***

CHORAL MUSIC

All courses in choral music are open to all students upon completion of an audition with the choral director to determine appropriate ensemble placement. All courses involve instruction in sight singing, basic theory, and vocal technique and performance opportunities. Rehearsals and performances after school hours are required and make up a significant portion of each student's grade. Students must register for both semesters unless an exception is approved by the choral director.

CHAMBER SINGERS

354204CW

2 Units

Grades 10-12

Students will develop vocal techniques and sight-singing skills in addition to a strong base of music theory. This intermediate choir will prepare students for Concert Choir emphasizing a variety of musical styles and technical skills consistent with an intermediate level of choral literature. There is an emphasis on a variety of musical styles and technical skills consistent with intermediate high school choral repertoire. By enrolling and being accepted through audition, the student agrees to attend rehearsals, activities, and performances outside of the regular school day (including weekends) as required by the choral director.

FIRST SEMESTER

⇒ **CONCERT CHOIR**

354300CW

SECOND SEMESTER

⇒ **ADV CONCERT CHOIR**

354400CW

This course is designed for advanced students with previous experience. Made up of male and female voices, the group studies advanced choral literature, performs often, and participates in several clinics, festivals, and competitions. *Students must enroll in both courses.*

MILITARY SCIENCES NAVAL JUNIOR RESERVE OFFICERS TRAINING CORPS

*NJROTC offers an exciting and challenging academic program designed to encourage critical and creative thought and an opportunity to achieve leadership in the school and the community. The program will provide valuable preparation for students interested in Navy programs such as the US Naval Academy and college Navy ROTC programs. With two and three years of Naval Science instruction, students will be able to enlist in the Armed Forces at an advanced pay grade after high school graduation. **No military obligation will result from participation in the NJROTC program.** Naval JROTC Cadets will have the opportunity to be members of exciting extra-curricular teams and activities such as the Drill Team, Color Guard, Honor Guard, Air Rifle Marksmanship Team, Orienteering Team and Academic Team. Field trips of interest, including at-sea training when available are an important part of the NJROTC program. Cadets are furnished complete summer and winter uniforms **at no cost**, which are property of the U.S. Government and must be properly cared for and returned at the end of the NJROTC enrollment. A nominal fee is normally required for name tags and other unit items. These fees can usually be covered if and when cadets participate in unit fundraising activities.*

COURSE OFFERINGS

UPPERCLASSMEN

MILITARY SCIENCES NAVAL JUNIOR RESERVE OFFICERS' TRAINING CORPS

NJROTC NAVAL SCIENCE 2

375201CW

1 Unit

Grade 10

Prerequisites: Naval Science 1 (grade of "C" or better recommended) and approval a Naval Science Instructor.

Topics include Military Drill, Wellness/Fitness, Career Planning, Maritime History, Nautical Sciences, Meteorology, Additional Career Planning, Astronomy and Physical Science. Cadets will assume mid-level positions of leadership and responsibility. Unit and community service projects will be planned and implemented. Based on performance, selected cadets will travel to Naval bases for overnight trips.

NJROTC NAVAL SCIENCE 3

375301CW

1 Unit

Grade 11

Prerequisites: Naval Science 2 (grade of "C" or better recommended) and approval of the Senior Naval Science Instructor.

Topics include: Military Drill, Wellness/Fitness, Naval Knowledge, Naval Operations, Sea Power & National Security, Military Law, Ship Construction & Damage Control, Shipboard Organization, Seamanship, Navigation, Rules of the Road, Naval Weapons and Aircraft. Cadets will assume mid- and upper-level positions of leadership and responsibility and career planning will be emphasized. Community and unit service projects will be planned and implemented. Based on performance, selected cadets will have an opportunity to travel to naval bases for overnight trips.

NJROTC NAVAL SCIENCE 4

375401CW

1 Unit

Grade 12

Prerequisites: Naval Science 3 (grade of "C" or better recommended) and approval of the Senior Naval Science Instructor.

Topics include Advanced Leadership, National Academic Preparation & Competition, Staff Management, Unit Command, Tutoring, Naval Ethics, Team Organization, Field Trip Planning, Military Drill, Wellness & Fitness, and Military Orientation Trips. Cadets will assume positions of upper-level leadership and responsibility throughout the unit. High School Career Planning will be finalized. Cadets will plan and implement unit and community service projects.

NJROTC 5-NAVAL SCIENCE STAFF & COMMAND

375500CW

1 Unit

Grade 12

Prerequisites: Naval Science 4 first semester and active in one or more extra-curricular teams.

This is a top level course with practical applications of leadership, staff, and command skills. Participants will direct all NJROTC teams and activities, tutor academic subjects and compete in the National NJROTC Academic meets. Cadets will direct school support and community service activities. Enrollment in this course will be at the discretion of the instructor.

NJROTC 6-LEADERSHIP DEVELOPMENT

375600CW

1 Unit

Grade 10-12

Prerequisite: Enrollment in Naval Science 2 or 3 first semester and recommendation by the Naval Science Instructor.

Leadership Development will apply the principles of leadership and discipline in drill team and field day (athletic) competitions. The course stresses individual responsibility and provides an opportunity to develop leadership skills, teamwork and high standards of personal conduct and appearance. Cadets taking this course are members of the Varsity Drill Team, Color Guard, Honor Guard, Orienteering Team and/or Marksmanship Team. Academics will complement the Naval Science 2 and 3 curriculum. One credit of Physical Education is required for a student to be awarded a state high school diploma. A student may enroll in NJROTC for one unit to meet the physical education course requirement.

PHYSICAL EDUCATION

All Physical Education courses are co-educational. Students that play sports are encouraged to enroll in a weight lifting class each year. No seniors are permitted to take weightlifting second semester without the approval of the Athletic Director. Students are required to dress in appropriate attire as part of their grade. Guidelines for appropriate attire will be provided. Students are not permitted to take two PE classes in one semester.

PE 2—Team Sports

344200CW

1 Unit

Grade 10 –12

Prerequisites: PE 1

This course is designed as an elective for those students who are interested in developing skills and aptitude in **team sports**. Game competition, officiating, skills and game strategy are developed. Examples of team sports are basketball, volleyball, softball, soccer, and track& field.

COURSE OFFERINGS

UPPERCLASSMEN

PHYSICAL EDUCATION CONTINUED

PE 3—Lifetime Sports

344300CW

1 Unit

Grade 10—12

Prerequisites: PE 1

This is a course enabling students to develop skills and interest in lifetime physical activities. Tennis, golf, bowling, and badminton are examples of lifetime activities.

PE 4—Personal Fitness

344400CW

1 Unit

Grade 10—12

Prerequisites: PE 1

This course emphasizes the development of healthy lifestyles and personal fitness. An individualized fitness plan will be implemented for each student that will include walking, aerobic activities, resistance training, flexibility exercise, and nutritional guidelines. The teacher will serve as a personal trainer to assist students with reaching healthy fitness zones.

INTERDISCIPLINARY STUDIES

YEARBOOK STAFF

No Credit

Grade 12

Prerequisite: Journalism 1, 2, and 3 (yearbook), application and advisor's approval.

Students in this course have completed three units of journalism (yearbook) and serve on the annual staff. It is a co-curricular class. Students are expected to attend yearbook workshops in the summer and cover school events during the semester. Every staff member needs to have his or her own camera. In some cases, students may earn credit through a formal internship approved by the administration and adviser.

BROADCAST JOURNALISM 1

305004CW

1 Unit - Elective Credit

Grades 10-12

This course is designed for students who have an interest in television journalism and want to learn the fundamentals of producing a taped show. Research, writing, script writing, interviewing, set design, and technology are emphasized. Students will appear before a camera as news anchors and interviewers.

BROADCAST JOURNALISM 2

305102CW

1 Unit - Elective Credit

Grades 10-12

Prerequisite: Broadcast Journalism 1 ("B" or higher average recommended) and teacher approval.

This course builds on the skills mastered in Broadcasting 1. Students take a lead role in training Broadcasting 1 students on all aspects of the equipment and the morning news show; therefore, candidates must be proven leaders.

BROADCAST JOURNALISM 3

309940CW

1 Unit - Elective Credit

Grades 11-12

Prerequisites: Broadcast Journalism 1 and 2 with a grade of 93 or higher in Broadcasting II and teacher approval.

This course builds on both video and leadership skills mastered in Broadcasting 2. This course is strongly recommended for students interested in pursuing a career in broadcast journalism. Students will work on projects where they will build news packages from idea to completion. Students will write scripts, conduct interviews, set stages, investigate issues concerning teens in education and the community and they will assist in leadership of Broadcasting 1 and 2 students. Students must be proven leaders.

DRIVER EDUCATION

No Credit

Prerequisite: 15 years of age and in good physical and mental condition.

This class is offered for high school students only. All classes are taught by York School District One instructors. The class is offered outside of the school day and transportation to and from the program is the responsibility of the parent or guardian. Students enrolling in this class will be charged a fee.

JOURNALISM 1 (Yearbook 3)

305003CW

1 Unit - Elective Credit

Grades 11-12

Prerequisite: Journalism 1 & 2 (yearbook), application and advisor's approval.

Students serve on the managerial staff of the yearbook and refine their skills in copy editing and layout. It is a co-curricular class. Students are expected to attend yearbook workshops in the summer and cover school events during the semester. Every staff member needs to have his or her own camera.

COURSE OFFERINGS

UPPERCLASSMEN

INTERDISCIPLINARY STUDIES

SPECIAL EDUCATION SERVICES

TEACHER CADET 175

373500EW

1 Unit Elective Dual Credit

Grade 12

Prerequisite: Students who meet the criteria specified by the state of South Carolina (3.0 unweighted GPA, application, essay, and 3 teacher recommendations).

The course informs students about education as a profession and teaching as a career. The course includes field experiences in several schools and classrooms. A registration fee may be required.

York School District One is committed to providing a full continuum of services to students with special needs. In addition to the regular high school course offerings there are courses and services designed to meet the special learning needs of students. These services include opportunities for skill development, remediation and vocational support. The special education curriculum also includes academic support courses for students who are working to earn a high school diploma.

YEARBOOK PRODUCTION 1

376901CW

1 Unit - Elective Credit

Grades 10-12

Prerequisites: Completion of the yearbook application and adviser's approval. It is highly recommended that student has earned a B or better in English.

This course teaches the fundamentals of journalism while producing the yearbook. It is a co-curricular class. Every staff member needs to have his or her own camera.

Students with disabilities who receive special education services may earn a regular high school diploma. Students must satisfactorily complete the minimum academic credit requirements for graduation applicable to students in the regular education program and pass the high school exit examination.

Students will work with their counselor to develop individualized study plans and apply that learning toward completion of high school graduation requirements or personal academic goals. Entrance into all special education classes requires an IEP team recommendation.

YEARBOOK PRODUCTION 2

376902CW

1 Unit - Elective Credit

Grades 10-12

Prerequisite: Yearbook Production 1, application, and advisor's approval.

Students serve on the managerial staff of the yearbook and refine their skills in copy editing and layout. It is a co-curricular class. Every staff member needs to have his or her own camera.



FLOYD D JOHNSON TECHNOLOGY CENTER

TECHNOLOGY COURSES

“Skills For A Lifetime”



COURSE OFFERINGS

FLOYD D. JOHNSON TECHNOLOGY CENTER

The Floyd D. Johnson Technology Center provides students with “*Skills for a Lifetime*”. Throughout the programs in the Technology Center, students can take courses to prepare them for a future in the workforce, or as a student at a two- or four-year University.

Programs offered at FDJTC:

- | | |
|---|---|
| ⇒ Accounting | ⇒ Information Support and Services |
| ⇒ Agriculture/Horticulture | ⇒ Machine Tool Technology (<i>Dual Enrollment with YTC</i>) |
| ⇒ Automotive Technology | ⇒ Marketing |
| ⇒ Building Construction | ⇒ Project Lead the Way Engineering |
| ⇒ Business Information Management | ⇒ Programming and Software Development |
| ⇒ Cosmetology | ⇒ Sports Medicine |
| ⇒ Culinary Arts | ⇒ Utility Line Worker (<i>Dual Enrollment with YTC</i>) |
| ⇒ Diesel Technology (<i>Dual Enrollment with YTC</i>) | ⇒ Web and Digital Communications |
| ⇒ Early Childhood Education | ⇒ Welding/Machine Tool Technology (<i>Dual Enrollment with YTC</i>) |
| ⇒ Emergency Medical Services | |
| ⇒ Family and Consumer Sciences | |
| ⇒ Firefighting | |
| ⇒ Health Science | |
| ⇒ Industrial Maintenance Technology (<i>Dual Enrollment with YTC</i>) | |
-

As students take courses in the programs, students are earning credits toward being a completer. A completer **is defined as a student that takes three or four units in a program of study**. The pages that follow describe the programs available and the courses that are required for completer status.

Completers can help a student:

- ⇒ with work experience,
- ⇒ industry certification,
- ⇒ earn college credit,
- ⇒ earn a cord to wear at graduation

COURSE PATHWAY

York Technical College has partnered with Floyd D. Johnson Center to offer a course pathway towards completion of a **Nursing certificate**. Students may begin coursework beginning Grade 11 and earn **37 credit hours** with York Technical College.

Credentials Earned: The Nursing Care certificate will be earned one semester at York Technical College after high school graduation. A minimum 2.5 GPA is required for entry into the associate nursing program, along with other program admission criteria. Accuplacer scores required College-Level Math - 50 or greater, Sentence Skills - 75 or greater, Reading Comprehension - 84 or greater.

	Semester: Fall or Spring Grade/Yr.: 10 th Location: FDJTC	Semester: Fall Grade: 11 th Location: FDJTC	Semester: Spring Grade: 11 th Location: FDJTC	Semester: Fall Grade: 12 th Location: FDJTC	Semester: Spring Grade: 12 th Location: FDJTC	High School Graduation	York Tech Graduation
Total Credit Hours*	College Prep Chemistry	COL-101 (1) College Orientation 1 st 8-weeks	MAT 110 or MAT 112 (3) College Algebra/Precalculus	AHS-120 (2) Responding to Emergencies 1 st 8-weeks (2 Cohorts per Year) FALL or SPRING			
		ENG-101 (3) English Composition I	BIO-210 (4) Anatomy & Physiology I	AHS-117 (4) Care of Patients 2 nd 8-weeks (2 Cohorts per Year) FALL or SPRING			
		PSY-201 (3) General Psychology	Humanities Elective HSS-205 (3) Technology & Society or ANY HISTORY	BIO-211 (4) Anatomy & Physiology II	BIO-225 (4) Microbiology		
				ENG-102 (3) English Composition II (3)	General Elective AHS-102 (3) Medical Terminology		
		7	10	Possible 13	Possible 13		

COURSE PATHWAY

York Technical College has partnered with Floyd D. Johnson Center to offer a course pathway towards completion of a **Building Construction Trades Certificate**. Students may begin coursework beginning Grade 11 and earn **50 credit hours** with York Technical College.

	Semester: Fall Grade: 11 th Location: FDJTC	Semester: Spring Grade: 11 th Location: FDJTC	Semester: Fall Grade: 12 th Location: FDJTC	Semester: Spring Grade: 12 th Location: FDJTC	High School Graduation	York Tech Graduation
	COL-101 226 (1) College Orientation 1 st 8-weeks	BCT-139 (3) Advanced Residential Wiring 1 st 8-weeks Certificate: (E)	ARC-206 (2) Advanced Electricity 1 st 8-weeks Certificate: (E)	EEM-141 (3) Residential/Commercial Codes 1 st 8-weeks		
	BCT-105 (2) Tool Use & Safety 1 st 8-weeks Certificate: (CPE)	BCT-221 (3) Construction Build Code 1 st 8-weeks Certificate: (CE)	BCT-151 (3) Introduction to Plumbing 1 st 8-weeks Certificate: (P)	General Education: HSS-205 (3) Technology & Society		
	BCT-111 (3) Blueprint Reading & Specifications 1 st 8-weeks Certificate: (CPE)	BCT-140 (3) Commercial Wiring 2 nd 8-weeks Certificate: (E)	BCT-157 (3) Residential/Commercial Plumbing Codes 2 nd 8-weeks Certificate: (P)	General Education: PSY 201 (3) General Psychology		
	BCT-102 (4) Fundamentals of Building Construction 2 nd 8-weeks Certificate: (C)	BCT-244 (3) Site Layout & Foundation Types 2 nd 8-weeks Certificate: (C)	BCT-159 (3) Plumbing Installation & Repairs 2 nd 8-weeks Certificate: (P)	ENG 155 (3) Technical Writing I English Unit (HS Requirement)		
	BCT-106 (2) Beginning Woodworking 2 nd 8-weeks Certificate: (C)		General Education: MAT- 155 (3) Contemporary Mathematics 1 st 8-weeks Math Unit (HS Requirement)			
	English Unit (HS Requirement) Math Unit (HS Requirement)	US History Unit (HS Requirement) Science Unit (HS Requirement)	Gov't/Econ Unit (HS Requirement)			
Total Credit Hours	12 (*2 Blocks with FDJTC/YTC)	12 (*2 Blocks with FDJTC/YTC)	14 (*2 Blocks with FDJTC/YTC)	12 (*1 Block with FDJTC/YTC)		

The York Technical College Building Construction Trades programs are credentialed by the National Association of Home Builders (NAHB) and the Home Builders Institute (HBI). Classes offered at YTC's downtown Rock Hill building construction Trades facility at 394 South Wilson Street, Rock Hill, SC 29730. The 2020 median salary for a Building Construction Trade graduate is \$45,820 per year.

Placement: High School GPA of 3.0 or indicated Accuplacer placement test scores.

Credentials Completed & When: Students successful in this program can complete the following certificates within one year of high school graduation: Residential/Commercial Electricity and Wiring. E=Residential/Commercial Wiring Certificate. P=Residential/Commercial Plumbing Certificate. C=Residential/Commercial Carpentry Certificate.

Remaining Courses to complete AAS Construction Management: EGR 110, BCT 230, BCT 231 and BCT 241

COURSE OFFERINGS

FLOYD D. JOHNSON TECHNOLOGY CENTER

AGRICULTURE, FOOD AND NATURAL RESOURCES

*The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources. In the Agriculture program, there are two different paths students can choose: Agriculture Mechanics or Horticulture. Typical activities include hands-on landscaping, welding and woodworking projects as well as greenhouse activities. All students enrolled in the Agriculture classes are encouraged to join the **FFA Student Organization**.*

Agriculture Science and Technology

562401CW

1 Unit Grades 9-10

This course covers the essential concepts related to plant and animal life; including bio-technology, conservation of natural resources, the impact of agriculture in our society, the importance of agriculture to world welfare, basic personal and community leadership and safety and agricultural mechanical technology. Hands-on learning is emphasized and students participate in personal and community leadership development activities. Students also take the Hunter Education Safety course as a part of this class.

Course fee is \$15.00

Agriculture Mechanics and Technology

566000CW

1 Unit Grades 10-11

Prerequisite: Agriculture Science & Technology

This course uses instructional activities that include hands-on experiences in woodworking, metal working, welding, small engine repair, and basic farm homestead improvements. Students will participate in personal and community leadership development activities to include implementing a relevant school-to-work transition experience and participate in FFA activities.

Course Fee is \$15.00

Introduction to Horticulture

565000CW

1 Unit Grades 10-12

Prerequisite: Agriculture Science & Technology

This course includes organized subject matter and practical experiences related to the culture of plants used principally for ornamental or aesthetic purposes. Instruction emphasizes knowledge and understanding of the importance of establishing, maintaining, and managing ornamental horticulture enterprises.

Course fee is \$15.00

Equipment Operations and Maintenance

562100CW

1 Unit Grades 10-12

Prerequisite: Agriculture Science & Technology

This course is designed to teach students how to operate and maintain equipment commonly used in the agricultural industry.

Course fee is \$25.00

Nursery, Greenhouse, and Garden Center Technology

567200CW

1 Unit Grades 10-11

Prerequisite: Intro. To Horticulture

The course in Nursery, Greenhouse and Garden Center Technology includes organized subject matter and practical experiences related to the operation and management of nursery, greenhouse or a garden center. Instruction emphasizes knowledge and understanding of the importance of establishing, maintaining, and managing "green industry" enterprises. Typical instructional activities include hands-on experiences with propagating, growing, establishing, and maintaining nursery plants and greenhouse crops; tissue culture techniques; designing landscapes; preparing designs; sales analysis and management; participating in personal and community leadership development activities; planning and implementing a relevant school-to-work transition experience; and participating in FFA activities.

Course fee is \$15.00

HORTICULTURE

4 Unites Required out of the following 5:

- ⇒ Agriculture Science and Technology
- ⇒ Agriculture Mechanics and Technology
- ⇒ Introduction to Horticulture
- ⇒ Equipment Operations and Maintenance
- ⇒ Nursery, Greenhouse, and Garden Center Technology

Optional:

- ⇒ Ag. Work-Based Credit

Certifications:

- Plant Science
- Fundamentals of Animal Science
- Principles of Floral Design
- Principles of Small Engine Technology
- Meat Evaluation
- Livestock Selection and Evaluation

COURSE OFFERINGS

Floyd D. Johnson Technology Center

TRANSPORTATION, DISTRIBUTION, & LOGISTICS

Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail, and water and related professional and technical support services such as transportation infrastructure planning and management, logistics, services, mobile equipment and facility maintenance.

Automotive Technology 1

603000CW

1 Unit Grades 10-11

This course focuses on shop safety, basic mechanics tools, shop equipment and brake systems. Brake system theory and brake diagnosis is covered along with repair procedures. Students will study disc and drum brake systems, anti-lock brakes and hydraulics. There will be a limited amount of shop demonstrations and hands-on activities that relate to the material being covered in the classroom. This course is designed for students who are interested in a career on the automotive industry. All course components comply with the National Automotive Technician Education Foundation, (NATEF), automotive Service Excellence (ASE), and standards set forth by the SC Department of Education.

All students must have safety glasses, shop clothes.

Course fee is \$10.00

Automotive Technology 2

603100CW

1 Unit Grades 10-12

Prerequisite: Automotive Technology 1

Auto Tech 2 focuses on drivetrain and HVAC (heat, ventilation, and air conditioning) operation, diagnostics and service procedures. Students will perform NATEF tasks within the Maintenance and Light Repair (MLR) certification. Content will also include system diagnosis, communication, customer relations, technical writing, computer science and blueprints and diagrams. Actual repair work is incorporated into each students learning experience under the close supervision of an ASE-certified instructor. This course also prepares students for Automotive Service Excellence (ASE) certification. Competencies and job tasks comply with NATEF, ASE, and standards set forth by the State Department of Education. Students are advised to have a valid South Carolina driver's license.

All students must have safety glasses, shop clothes, and shoes.

Course fee is \$10.00

Automotive Technology 3

3603200CW

1 Unit

Grades 11-12

Prerequisite: Automotive Technology 1 and 2

Auto Tech 3 focuses on steering, suspension, and automatic transmissions. Students will also study tires and wheels, wheel balancing, and wheel alignment. Upon successful completion of this course, they will understand the theory, diagnosis and repair of automotive steering and suspension systems. Actual repair work will be incorporated into each students learning experience under the close supervision of an ASE-certified instructor. Students will perform NATEF tasks within Maintenance and Light Repair (MLR) certification. Content will also include system diagnosis, communication, customer relations, technical writing, computer science and blueprints and diagrams. Competencies and job tasks comply with NATEF, ASE, and standard set forth by the State Department of Education.

All students must have safety glasses , shop clothes, and shoes.

Course fee is \$ 10.00

Automotive Technology 4

603300CW

1 Unit Grades 11-12

Prerequisite: Automotive Technology 1, 2 and 3,

Auto Tech 4 focuses on engine performance and engine repair. Actual repair work is incorporated into each students learning experience under the close supervision of an ASE-certified instructor. This course also prepares students for Automotive Service Excellence (ASE) certification. Competencies of this course comply with NATEF, ASE, and standards set forth by the State Department of Education. Students are advised to have a valid South Carolina driver's license or permit., as PC based scopes and hand-held scanners.

All students must have safety glasses, shop clothes, and shoes.

Course fee is \$10.00

AUTOMOTIVE TECHNOLOGY

4 Unites Required

- ⇒ Automotive Technology 1
- ⇒ Automotive Technology 2
- ⇒ Automotive Technology 3
- ⇒ Automotive Technology 4

Optional:

Transportation, Distribution and Logistics Work-Based Credit
AUT 112 Dual Enrollment Braking System

Certifications:

- ASE
- SP2

COURSE OFFERINGS

FLOYD D. JOHNSON TECHNOLOGY CENTER

ARCHITECTURE AND CONSTRUCTION

Careers in designing, planning, managing, building, and maintaining the built environment.

BUILDING CONSTRUCTION

*The architecture and construction cluster explores career in designing, planning, managing, building, and maintaining built environments. Specifically, the **Building Construction** program provides students with hands-on experience using hand and power tools. The program also allows students to apply skills learned in the classroom to real life aspects such as building a house.*

Building Construction 1 606002CW

1 Unit Grades 10-11

This is an entry level class for students who are pursuing occupations in construction related industries. Blueprint reading will be taught and students will receive instruction on proper use of hand & power tools. All projects will be hands on. This course requires the student to work outdoors.

Course fee is \$10.00

Building Construction 2 606102CW

1 Unit Grades 10-12

Prerequisite: Building Construction 1.

This is an entry level class for students who are pursuing occupations in construction related industries. Blueprint reading will be required and students will receive instruction on proper use of hand & power tools. All projects will be hands on. This course requires the student to work outdoors.

Course fee is \$10.00

Building Construction 3 606202CW

1 Unit Grades 11-12

Prerequisite: Building Construction 1 and 2

This class is designed for the student who is serious about pursuing a career in construction related industries. Carpentry, electricity, and plumbing will be the focus. Students will work on large scale projects (building a house). Students will receive leadership through Skills USA.

Course fee is \$10.00

Building Construction 4 606302CW

1 Unit Grades 11-12

Prerequisite: Building Construction 1, 2, and 3.

This class is a continuation of Building Construction 3 and is for those students that plan a future career in construction. Students will continue working on large scale projects, including building the class house.

Course fee is \$10.00

BUILDING CONSTRUCTION

4 Unites Required

- ⇒ Building Construction 1
- ⇒ Building Construction 2
- ⇒ Building Construction 3
- ⇒ Building Construction 4

Optional:

Architecture & Construction Work-Based Credit
BCT 102-DE Fundamentals of Building Construction
BCT 105-DE Tool Usage and Safety

Certifications:

- NCCER
- OSHA 10

COURSE OFFERINGS

FLOYD D. JOHNSON TECHNOLOGY CENTER

ARCHITECTURE AND CONSTRUCTION

Careers in designing, planning, managing, building, and maintaining the built environment.

UTILITY LINE WORKER (DUAL CREDIT WITH YORK TECHNICAL COLLEGE)

Business and industry as well as residential areas require utility companies to provide needed services such as electricity, water and telecommunications. Work in this industry requires specialized training for working in and around underground and overhead utility installations including high voltage areas.

ELW 111 INTRODUCTION TO ELECTRICAL LINE WORKER

1 Unit Grade 12

809000EW

Introduction to Electrical Line Worker is the traditional course that introduces basic electrical industry information (safety, electricity principles) and introductory uses and application of tools.

ELW 114 OVERHEAD LINE CONSTRUCTION 1

846200EW

1 Unit Grade 12

This course introduces the basics of overhead power line construction. Topics include safe work habits, protective equipment and pole climbing techniques.

ELW 110 ELECTRICAL COMPUTATIONS

846000EH

1/2 Unit Grade 12

This course introduces the fundamental applications of mathematics that are used by an electrical line technician. Topics include whole numbers, fractions, decimals, powers, roots, simple electrical formulas, and use of a scientific calculator.

ELW 211 UNDERGROUND LINE CONSTRUCTION 1

846300EW

1 Unit Grade 12

This course introduces underground line distribution systems, including terminators, elbows, transformers, underground installations and safety practices.

ELW 112 INTRODUCTION TO ELECTRICITY

846100EW

1 Unit Grade 12

This course introduces the fundamental concepts of electricity and test equipment to non-electrical/electronic majors. Topics include basic DC and AC principles, components and operation of test equipment.

ELW 231 ELECTRICAL POWER SYSTEMS

1 Unit Grade 12

This course examines the basic principles of electrical power systems, including transmission lines, generator and transformer characteristics, fault detection and correction, interpretation of line diagrams and performance of per-unit calculations for circuit performance analysis.

UTILITY LINE WORKER

- ⇒ ELW 111-DE Introduction to Electrical Line Worker
- ⇒ ELW 110-DE Electrical Computation
- ⇒ ELW 112-DE Introduction to Electricity
- ⇒ ELW 114-DE Overhead Line Construction 1
- ⇒ ELW 211-DE Underground Line Construction 1
- ⇒ ELW 231-DE Electrical Power Systems

Optional:

Architecture & Construction Work-Based Credit

Certifications:

- Basic Line Worker Certificate

COURSE OFFERINGS

FLOYD D. JOHNSON TECHNOLOGY CENTER

HUMAN SERVICES/FAMILY AND CONSUMER SCIENCES

Human Services and Family Consumer Sciences prepare individuals for employment in career pathways that relate to families and human needs.

COSMETOLOGY

*The Cosmetology Program is designed to prepare students to qualify and successfully complete all requirements for a South Carolina Cosmetology license. Students receive training that follow the guidelines and regulations established by the South Carolina Labor, Licensing, and Regulation Cosmetology Board. . **Cosmetology students are required to pay course fee. Please speak to someone in the Technology Center Office for more information.***

Cosmetology 1

615000CW

1 Unit Grades 10

In this introductory course, students study hair, skin, and nails and their related care. Students are grounded in theory as they prepare to practice procedures in a clinical lab setting or classroom, using manikins for manipulative skill practice. The first-year course emphasizes personal safety, professionalism, and sanitation and disinfection of equipment and facilities. Students develop skills in shampooing and conditioning hair, as well as styling and cutting hair. They are introduced to chemical texture services and develop skills in manicure and pedicure procedures.

Cosmetology 2

615100CW

1 Unit

Prerequisite: Cosmetology 1

Students will coordinate integration of academic, career, technical knowledge and skills in this laboratory instructional sequence course designed to provide job-specific training for employment in cosmetology careers. Students will attain academic skills and knowledge as well as technical skills related to cosmetology design and color theory. Students will develop knowledge and skills regarding various cosmetology design elements such as form, lines, texture, structure and illusion or depth as they relate to the art of cosmetology. Instruction includes sterilization and sanitation procedures, hair, nail, and skin care meeting the requirements for licensure upon passing the state examination. Analysis of career opportunities, license requirements, knowledge and skills expectations, and development of workplace skills are included.

Cosmetology 3

615200CW

1 Unit Grade 12

Prerequisite: Cosmetology 1-2

In this course, students will demonstrate proficiency in academic, technical, and practical knowledge and skills. The content is designed to provide the occupational skills required for licensure. Instruction includes advanced training in professional standards/employability skills; rules and regulations; use of tools, equipment, technologies, materials and practical skills including haircutting, styling, chemical texturizing, hair coloring, skin and nail services. This course is the third year of a three-year program that encompasses theories and principles of cosmetology.

Cosmetology 4

615300CW

1 Unit Grade 12

Prerequisite: Cosmetology 1, 2, and 3

This course is designed to prepare students to qualify and successfully complete all requirements for a South Carolina Cosmetology license. Students receive training that follows the guidelines and regulations established by the South Carolina Labor, Licensing, and Regulation Cosmetology Board. The course of study includes Sanitation and Safety, Professionalism and Salon Management, Sciences of Cosmetology, Professional Hair Care Skills, Professional Nail Care Skills, Professional Skin Care Skills, and Unassigned Specific Needs. Instruction in chemistry, bacteriology, anatomy, and physiology of the face, head, arms, and hands is incorporated by means of theory and practical application on both mannequins and live models.

COSMETOLOGY

8 Units Required

- Cosmetology 1
- Cosmetology 2
- Cosmetology 3
- Cosmetology 4

Optional:

Human Services Work-Based Credit

Certifications:

- South Carolina Cosmetology License

COURSE OFFERINGS

FLOYD D. JOHNSON TECHNOLOGY CENTER

HUMAN SERVICES/FAMILY AND CONSUMER SCIENCES

Human Services and Family Consumer Sciences prepare individuals for employment in career pathways that relate to families and human needs.

FAMILY AND CONSUMER SCIENCES

Majors within the Family and Consumer Sciences/Human Services Cluster are designed to prepare students for entry-level employment in areas related to planning, managing, providing, and supporting family and human needs as social and behavioral science, nutrition, design, and personal care services.

Family & Consumer Sciences 1

580801CW

1 Unit Grades 9-10

This introductory course in home economics emphasizes the physical, social, economic, and cultural needs of individuals and families. Instruction and lab experiences emphasize attitudes and skills relevant to personal, home, and family life responsibilities.

Course fee is \$10.00

Fashion, Fabric, & Design 1

580402CW

1 Unit Grades 10-12

Prerequisite: Family & Consumer Science 1

This course is focused on clothing management. Students gain basic sewing skills necessary for personal and family clothing construction.

Course fee is \$10.00

Fashion, Fabric, & Design 2

580502CW

1 Unit Grades 10-12

Prerequisite: Fashion, Fabric, & Design 1

Do you have a flair for creativity and an eye for fashion design? Why not enroll in Fashion, Fabric, and Design 2? This course is designed to develop advanced skills in the selection, purchase, design, care, and construction of textile products. Contextual learning experiences further develop critical thinking skills needed for success in the professional environment and merchandising. Integration of the Family and Consumer Sciences Pre-Professional Assessment Certification (Pre-PAC) competencies and the student organization, Family Careers and Community Leaders of America (FCCLA), greatly enhances this curriculum.

Course fee is \$10.00

Foods and Nutrition 1

582402CW

1 Unit Grades 10-12

Prerequisite: Family & Consumer Science 1

This course is focused on the study of the principles of nutrition for individual and family health, fitness, and wellness. Laboratory experiences focus on food preparation, meal planning, meal services, safety and sanitation, nutrition, kitchen work, centers, and table service and etiquette.

Course fee is \$10.00

Foods and Nutrition 2

582502CW

1 Unit Grades 10-12

Prerequisite: Foods and Nutrition 1

Are you aware of what foods to eat to maintain a healthy lifestyle? Can you select and prepare healthy foods? If not these are the courses for you! Food and Nutrition 1 and 2 will allow students to evaluate food choices, practice a variety of food preparation techniques, demonstrate table service and etiquette, and explore nutrition related careers. Critical thinking and practical problem-solving are emphasized in a cocurricular approach that incorporates principles of mathematics, science, writing, communications, and economics. The ServSafe® employee certification provides increased marketability. Foods and Nutrition 1 is a prerequisite for Foods and Nutrition 2. Inclusion of the Family and Consumer Sciences student organization, Family Careers, and Community Leaders of America (FCCLA), greatly enhances this curriculum. **Course fee is \$10.00**

FAMILY & CONSUMER SCIENCES

3 Units Required (at least two from this list)

- ⇒ Family & Consumer Sciences 1
- ⇒ Fashion, Fabric & Design 1
- ⇒ Foods & Nutrition 1
- ⇒ Fashion, Fabric & Design 2
- ⇒ Foods & Nutrition 2

Plus 1 of the following:

- ⇒ Introduction to Early Childhood Education
- ⇒ Culinary Arts Management 1
- ⇒ Early Childhood Education 1

Optional:

Certifications:

- ServSafe Food Handler

COURSE OFFERINGS

FLOYD D. JOHNSON TECHNOLOGY CENTER

HOSPITALITY AND TOURISM

Hospitality and Tourism encompasses the management, marketing, and operations of restaurants and other food services, lodging, attractions, recreating events and travel-related services.

CULINARY ARTS MANAGEMENT

This course emphasizes skills in the following areas: cuisines, culinary basics, culinary mathematics, dining room operations, food production techniques, food service management, menus nutrition, professionalism, recipes, safety and sanitation, and sustainability. Employment opportunities and qualifications are explored as well as industry certifications.

Culinary Arts 1

572001CW

1 Unit Grades 10-11

This course introduces the beginning skills in food preparation, sanitation, workplace safety, and customer service in the food industry. The course will combine culinary theory with laboratory experiences that stimulate both commercial and quantity food production.

Course Fee is \$10.00

Culinary Arts 2

572100CW

2 Units Grades 10-12

Prerequisite: B average or better in Culinary Arts 1

These courses are designed to prepare students for employment and/or entry into postsecondary education in the food production and service industry. These courses combine culinary theory with lab experiences that simulate food production in the kitchen, but also have experiences in dining room and customer service.

Course fee is \$20.00

Introduction to Culinary Arts

572000CW

1 Unit Grades 9-10

Introduction to Culinary Arts Management provides students with an overview of interest, aptitude, and technical skills needed to advance to level one Culinary Arts Management and/or the food service industry. The following areas are explored: culinary basics, culinary mathematics, dining room operations, food production techniques, menus, nutrition, professionalism, recipes, safety and sanitation, and sustainability. Integration of the Family and Consumer Sciences co-curricular student organization, Family Careers, and Community Leaders of America (FCCLA) greatly enhances the learning experience.

Course fee is \$20.00

CULINARY ARTS MANAGEMENT

3 units Required

2 Units Required from list below:

- ⇒ Culinary Arts Management 1
- ⇒ Culinary Arts Management 2

1 of the following if needed to meet 3 unit completer:

- ⇒ Introduction to Culinary Arts
- ⇒ Entrepreneurship
- ⇒ Foods and Nutrition 1
- ⇒ Foods and Nutrition 2
- ⇒ Integrated Business Applications 1
- ⇒ Accounting 1
- ⇒ Fundamentals of Web Page Design & Development

Optional:

- ⇒ *Hospitality and Tourism Work-Based Credit*

Certifications:

- ServSafe Food Handler

COURSE OFFERINGS

FLOYD D. JOHNSON TECHNOLOGY CENTER

EDUCATION AND TRAINING

Planning, managing, and providing education and training services and related learning support services.

EARLY CHILDHOOD EDUCATION

These courses are designed as an introduction of skills required for a career in the care, education and administration of programs for young children. Students will develop skills in areas including career paths, developmentally appropriate practices, safe and healthy learning environments, and collaborative relationships.

Introduction Early Childhood Education

570200CW

1 Unit Grades 9-10

This course is designed as an introduction of skills required for a career in the care, education and administration of programs for young children. Students will develop skills in areas including paths, developmentally appropriate practices, safe and healthy learning environments, and collaborative relationships. Academics and employability skills are integrated throughout the course.

Course fee is \$10.00

Early Childhood Education 1

570000CW

1 Unit Grades 10-12

Prerequisite: Introduction Early Childhood Education

This course is designed to provide students with hands-on opportunities to actively explore and observe the world of children and prepare them for educational and administrative careers in the field.

Course fee is \$10.00

Early Childhood Education 2

570100CW

1 Unit Grades 10-12

Prerequisites: Early Childhood Education 1

This is an advanced course focusing on the competencies needed to plan, guide, and care for young children in a safe, healthy, and developmentally appropriate environment. Students may acquire certification in pediatric safety, CPR, and first aid. Students interact with professionals in the field and participate in various school-to-work activities. Student laboratory/field experiences may be school based or in the community and include job shadowing and internships.

Course fee is \$10.00

EARLY CHILDHOOD EDUCATION

2 Units Required :

- ⇒ Early Childhood Education 1
- ⇒ Early Childhood Education 2

Plus 2 of the following:

- ⇒ Entrepreneurship
- ⇒ Family & Consumer Sciences 1
- ⇒ Foods & Nutrition 1
- ⇒ Integrated Business Applications 1
- ⇒ Fundamentals of Web Page Design & Development

Optional:

- ⇒ Education & Training Work-Based Credit

Certifications:

- Early Childhood Certification
- Microburst Employability Certification

COURSE OFFERINGS

FLOYD D. JOHNSON TECHNOLOGY CENTER

Planning, managing, and providing therapeutic services, diagnostic services, health informatics, and support services, and biotechnology

HEALTH SCIENCE

Health Science Education is a secondary program of study that promotes health care opportunities to students in grades 9-12. Integration of health science courses, work-based learning experiences, HOSA-Future Health Professionals activities, and academics allow students to make informed decisions regarding an array of careers and educational pursuits.

Health Science 1

555000CW

1 Unit Grade 10

Prerequisite: Biology 1

Health Science 1 is the first of four courses offered to students interested in pursuing a career in healthcare. During this course, students are introduced to healthcare history, careers, law and ethics, cultural diversity, healthcare language and math, infection control, professionalism, communication, basics of healthcare facility organization, and types of health insurance. Students get a good grasp of where healthcare has been, where it is going, and professionalism and personal characteristics impact their success.

Course fee is \$10.00

Health Science 2

555100CW

1 Unit Grade 11

Prerequisite: Health Science 1 with 75 or better

Health Science 2 applies the knowledge and skills that were learned in Health Science 1 while further challenging students to learn more about the healthcare field. Health Science 2 will continue teaching in more detail about the units of study that include advanced infection control, the stages of life, and how law and ethics are applied in the healthcare setting. Students will be introduced to basic patient care skills and medical terminology, medical math and pharmacology.

Course fee is \$10.00

Health Science 3

555200CW

1 Unit Grade 11

Prerequisite: Health Science 2 with 75 or better

Health Science 3 focuses on the human body. Students will gain knowledge of all human body systems and how they work (Anatomy and Physiology). This course will emphasize on disease prevention and treatment (Pathophysiology). Medical Terminology is incorporated throughout the course and skills learned in Health Science 2 will be reinforced as each body system is studied.

Course fee is \$10.00

Health Science Clinical Study

556000EW

2 Units Grade 12 YEARLONG CLASS

Prerequisites: Health Science 3 with 75 or better, Qualifying ACCUPLACER score (AHS 117: The Care of Patients & AHS 120: Responding to Emergencies; Dual credit(6 college credits)

This course is designed to give students a clinical experience while completing the requirements for the South Carolina nursing assistant certification and obtain 6 college credit hours. During the 1st semester, students will have classroom time to apply the concepts and clinical venues to experience a wide array of healthcare career opportunities. During the 2nd semester, the focus is on the aging process, physical care and psychosocial skills of the geriatric client, and the role of the nurse aide. All areas of the state approved core curriculum are addressed. Both school-based and long-term care facility training is provided. Students will become certified in Basic Life Support (BLS). **Students will need to purchase scrubs and a stethoscope during the school year.**

Course fee is \$30.00

HEALTH SCIENCES

3 Units Required :

- ⇒ Health Science 1
- ⇒ Health Science 2

Plus 1 of the following:

- ⇒ Health Science 3
- ⇒ Health Science Clinical Studies
- ⇒ Sports Medicine 1
- ⇒ Sports Medicine 2
- ⇒ Emergency Medical Services 1

Optional:

- ⇒ Health Science Work-Based Credit
- ⇒ Sports Medicine Work-Based Credit

Certifications:

- Basic Life Savings/CPR/AED
- Direct Service Provider
- Certified Nursing Assistant
- National Health Science Exam

COURSE OFFERINGS

FLOYD D. JOHNSON TECHNOLOGY CENTER

Planning, managing, and providing therapeutic services, diagnostic services, health informatics, and support services, and biotechnology research and development.

SPORTS MEDICINE

These courses provide high school students with a general overview of athletic training, sports medicine and its history. Included is information about the scope of practice: injury prevention, treatment, rehabilitation, emergency injury management and administrative functions.

Sports Medicine 1

555000CW

1 Unit Grades 10-12

Sports Medicine 1 emphasizes sports medicine, career exploration and the prevention of athletics injuries, including the components of exercise science, kinesiology, anatomy, principles of safety, first aid, cardiopulmonary resuscitation (CPR) and AED use. Subject matter also includes legal issues, members of the sports medicine team, nutrition, protective sports equipment, environmental safety issues, principles of taping and wrapping, mechanisms of injury, and application of other sports medicine concepts. Students interested in healthcare careers in athletic training, physical therapy, medicine, exercise physiology, exercise science, nursing, biomechanics, nutrition, psychology, and radiology will benefit from this course.

Course Fee: \$10.00

Sports Medicine 2

555600CW

1 Unit Grades 10-12

Prerequisites: Sports Med 1 with 75 or better

Sports Medicine 2 emphasizes the recognition and care of common injuries and illnesses sustained by a physically active population. Subject matter will include discussion of specific conditions and injuries that may be experienced by individuals participating in athletic activities. In addition, the concepts of therapeutic modalities and exercise in the care of injuries will be examined. A focus on deeper understanding of body systems and common pathologies will be included. Concepts related to the administrative aspects of the sports medicine program will also be covered. Students will apply legal and ethical principles through real-world scenarios in various sports medicine settings. Other career roles in sports medicine will be discussed as the Athletic Trainer takes the injured athlete through the pathway of recovery.

Course Fee: \$15.00

Sports Medicine 3

555700CW

1 Unit Grades 11-12

Prerequisite: Sports Med 2 with 75 or better

Sports Medicine 3 emphasizes the student's ability to apply concepts from previous Sports Medicine course work to real-world situations and scenarios. A priority will be placed on understanding the current research and evidence based practices affecting the practice of Sports Medicine professionals. Students will develop policies, procedures, and guidelines based on these aspects, as well as explore detailed treatment and rehabilitation procedures for common athletic injuries. Students are expected to participate in clinical situations either at school with their athletic department or in an outside clinical setting for real world experience.

Course Fee: \$20.00

Emergency Medical Services 1

5531000CW

1 Unit Grades 10-12

Emergency Medical Services (EMS 1) is the first in a sequence of courses. Emergency Medical Services 1 is designed to teach students how to recognize and respond to various emergencies. Students will review basic anatomy and physiology as it relates to injury management and treatment. Students will review basic information needed for all phases of a healthcare professional. Information that students are exposed to will include legal and ethical implications, communications, safety, infection control and professionalism. In this course, students will learn what skills are necessary to recognize and care for emergencies in adults, children, and infants until professional medical help arrives. Students will obtain FA/CPR/AED certification. Students will be required to perform light physical activity.

Course Fee: \$15.00

SPORTS MEDICINE

2 Units Required :

- ⇒ Sports Medicine 1
- ⇒ Sports Medicine 2

Plus 1 of the following:

- ⇒ Health Science 1
- ⇒ Health Science 2
- ⇒ Health Science 3
- ⇒ Sports Medicine 3
- ⇒ Emergency Medical Services 1

Optional:

- ⇒ Health Science Work-Based Credit
- ⇒ Sports Medicine Work-Based Credit

Certifications:

- Basic Life Saving/CPR/AED
- Physical Therapy Technician

COURSE OFFERINGS

FLOYD D. JOHNSON TECHNOLOGY CENTER

BUSINESS, MARKETING, AND INFORMATION TECHNOLOGY COURSES

Individuals seeking careers in general business, financial planning, marketing, hospitality, management or information technology have a wide variety of options from which to choose.

Accounting 1 500101CW

1 Unit Grades 10-12

Prerequisite: Proficiency in Keyboarding and a C average or better in Algebra 1

This course is designed to help the student develop the 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.

Accounting 2 500501CW

1 Unit Grades 10-12

Prerequisite: Accounting 1

This course is designed to expand the understanding of accounting subsystems and to develop an understanding of various methods of internal control procedures through the use of computer software and simulations.

Advanced Web Page Design and Development 503300CW

1 Unit Grades 10-12

Prerequisite: Fundamentals of Web Page Design and Development

This course provides advanced web page design methods. Students will design, implement and maintain web sites.

Advertising 547001CW

1 Unit Grades 10-12

Prerequisite: C average or better in Marketing

This course is for students interested in learning all aspects of advertising. Theory of advertising, planning and strategies and sales promotion and visual merchandising are explored.

Course fee is \$10.00

Computer Programming 1 505000CW

1 Unit Grades 10-12

Pre requisite: Algebra 1

This course emphasizes the fundamentals of computer programming using Visual Basic programming language. Practical experiences in progress design and development is emphasized. Course counts as a computer science unit required for graduation.

Computer Programming 2 505100CW

1 Unit Grades 11-12

Prerequisite: C or better in Comp. Program.1

This course is an advanced level of computer programming.

Computer Repair and Service 532000CW

1 Unit Grades 10-12

Prerequisite: Basic computer skills and strong math skills

This course focuses on teaching the knowledge and skills needed for entry level positions in the microcomputer industry. Basic networking concepts and the functions and configurations of a network are covered. Upon successful completion of this course, students will receive a Certificate of Completion for IT Essentials I: PC Hardware and Software. The course will help prepare students for the CompTIA A+ certification exam.

Course fee is \$15.00

Computer Repair and Service 2

1 Unit Grades 10-12

Prerequisite: Computer Repair & Service

This course is a continuation of the Computer Repair and Service Course. It prepares students to perform advanced, detailed tasks related to computer repair. Students receive instruction in operating systems, security, mobile devices, and

troubleshooting. Laboratory activities provide instruction in installation, configuration, operation, maintenance, security, troubleshooting and repair of industry-standard operating systems in accordance with industry certification standards.

Course fee is \$15.00

Cyber Security Fundamentals 53700CW

1 Unit Grades 10-12

Prerequisite: Fundamentals of Computing or IT Fundamentals

In the Computer and Information Systems Security/Information Assurance program, students examine the core concepts and terminology of cyber security and information assurance, integrating the importance of user involvement, network architecture, threats, and security; operational and system security; cryptography; contingency planning; application, data, and host security; access control and identity management; and a broad range of other topics. Upon completion of the two courses, students will be prepared to earn nationally-recognized industry certifications.

Course fee is \$15.00

Digital Desktop Publishing 503000CW

1 Unit Grades 10-12

This course covers multimedia concept and applications utilizing text, graphics, animation, sound, video, and various multimedia applications in the design, development and creation of multimedia presentations and publications within an interactive environment.

COURSE OFFERINGS

FLOYD D. JOHNSON TECHNOLOGY CENTER

BUSINESS, MARKETING, AND INFORMATION TECHNOLOGY COURSES

Entrepreneurship

540004CW

1 Unit Grades 11-12

Prerequisite: Keyboarding skills, IBA 1, and a C or better in Algebra 1

This course is designed to provide students with the knowledge and skills leading to the development of a business plan for small business ownership.

Course fee is \$10.00

Fundamentals of Computing 502300CW

1 Unit Grades 9-12

The course is designed to introduce students to the field of computer science through an exploration of engaging and accessible topics. Through creativity and innovation, students will use critical thinking and problem solving skills to implement projects that are relevant to students' lives. They will create a variety of computing artifacts while collaborating in teams. Students will gain a fundamental understanding of the history and operation of computers, programming, and web design. Students will also be introduced to computing careers and will examine societal and ethical issues of computing.

Fundamentals of Web Page Design and Development

503100CW

1 Unit Grades 9-12

Prerequisite: Proficiency in keyboarding.

This course provides students with the knowledge and skills needed to design, build and maintain web pages using Hypertext Markup Language and Adobe Dreamweaver. Course counts as a computer science unit required for graduation. **Course counts as a computer science unit required for graduation.**

Image Editing

534000CW

1 Unit Grades 10-12

This course is designed to provide students with the knowledge and skills needed to master image manipulation and photographic retouching. Students will explore the technical and artistic aspects of image editing by creating images to be used in various types of media.

Integrated Business Applications 1 502000CW

1 Unit Grades 10-12

This course provides in-depth instruction in Microsoft Office Applications that will lead to national certifications. The applications covered include MS Word, MS Excel, MS PowerPoint, and MS Access (optional). Students will learn the features and benefits of the application program and apply their knowledge in various problem-based activities. In addition, students are engaged in applying key critical thinking skills and practice of ethical and appropriate behavior for the responsible use of technology.

IT Fundamentals

502500CW

1 Unit Grades 9-12

The IT Fundamentals course is designed to prepare the student to take the CompTIA IT Fundamentals certification exam. Instruction includes IT literacy, environmental and safety concepts, operating systems, software, hardware, networking, alternative technologies, security, and computational thinking. Students utilize the skills and qualities of the S.C. Profile of the Graduate to analyze and solve problems within the IT industry.

Marketing

542100CW

1 Unit Grades 9-12

A foundation course for the Marketing completer, this course covers marketing concepts, economics, marketing, and business and human resource foundations. Selling, promotion, distribution, risk management, and pricing are also covered.

Course fee is \$10.00

Marketing Management

543100CW

1 Unit Grades 10-12

Prerequisite: C average or better in Marketing

This course covers management skills to plan, research, synthesize, and report in the marketing environment.

Course fee is \$10.00

Sports and Entertainment Management

542600CW

1 Unit Grades 10-12

Prerequisite: Marketing

In this course, students will apply concepts learned in Marketing and study key concepts in management and managerial principles as related to the sports and entertainment industry. Topics that will be addressed include leadership, finance, product management, people management, information management, legal and career development.

Course fee is \$10.00

COURSE OFFERINGS

FLOYD D. JOHNSON TECHNOLOGY CENTER

BUSINESS AND MARKETING COMPLETER TRACKS

ACCOUNTING

3 Units Required

- ⇒ Accounting 1
- ⇒ Accounting 2

Plus 1 of the Following:

- ⇒ Entrepreneurship
- ⇒ Integrated Business Applications 1

Optional:

- ⇒ Finance Work-Based Credit

Certifications:

- Microburst Employability Skills

BUSINESS INFORMATION MANAGEMENT

3 Units Required :

- ⇒ Digital Desktop Publishing
- ⇒ Image Editing 1

Plus 1 of the following:

- ⇒ Accounting 1
- ⇒ Advanced Webpage Design and Development
- ⇒ Advertising
- ⇒ Entrepreneurship
- ⇒ Integrated Business Applications 1
- ⇒ Fundamentals of Computing
- ⇒ Fundamentals of Webpage Design and Development
- ⇒ IT Fundamentals

Optional:

Certifications:

- Microburst Employability Skills

MARKETING MANAGEMENT

3 Units Required

- ⇒ Marketing
- ⇒ Marketing Management

Plus 1 of the Following:

- ⇒ Accounting 1
- ⇒ Advertising
- ⇒ Entrepreneurship
- ⇒ Integrated Business Applications 1
- ⇒ Sports and Entertainment Marketing

Optional:

Certifications:

- Microburst Employability Skills

COURSE OFFERINGS

FLOYD D. JOHNSON TECHNOLOGY CENTER

INFORMATION TECHNOLOGY COMPLETER TRACKS

INFORMATION SUPPORT AND SERVICES

3 Units Required

- ⇒ Computer Repair & Service 1
- ⇒ Computer Repair & Service 2

Plus 1 of the Following:

- ⇒ Advanced Web Page Design & Development
- ⇒ Computer Programming 1
- ⇒ Computer Programming 2
- ⇒ Cyber Security Fundamentals
- ⇒ Entrepreneurship
- ⇒ Fundamentals of Computing
- ⇒ Fundamentals of Web Page Design & Development
- ⇒ IT Fundamentals

Optional:

- ⇒ *Information Technology Work-Based Credit*

Certifications:

- Microburst Employability Skills

PROGRAMMING AND SOFTWARE DEVELOPMENT

3 Units Required

- ⇒ Computer Programming 1
- ⇒ Computer Programming 2

Plus 1 of the Following:

- ⇒ Advanced Web Page Design & Development
- ⇒ Entrepreneurship
- ⇒ Fundamentals of Computing
- ⇒ Fundamentals of Web Page Design & Development
- ⇒ IT Fundamentals

Optional:

- ⇒ *IT Work-Based Credit*

Certifications:

- Microburst Employability Skills

WEB AND DIGITAL COMMUNICATIONS

3 Units Required

- ⇒ Fundamentals of Web Page Design & Development
- ⇒ Advanced Web Page Design & Development

Plus 1 of the Following:

- ⇒ Computer Programming 1
- ⇒ Computer Programming 2
- ⇒ Digital Desktop Publishing
- ⇒ Entrepreneurship
- ⇒ Fundamentals of Computing
- ⇒ Image Editing 1
- ⇒ Integrated Business Applications 1
- ⇒ IT Fundamentals

Optional:

Certifications:

- Microburst Employability Skills

COURSE OFFERINGS

FLOYD D. JOHNSON TECHNOLOGY CENTER

Planning, managing, and providing legal, public safety, protective services, and homeland security, including professional and technical support services.

LAW, PUBLIC SAFETY, CORRECTIONS AND SECURITY

The firefighter program is a detailed orientation to the firefighting side of public safety. In this class, the students shall be expected to wear firefighting ensemble along with an air pack system while performing various fire service specific training and learning exercises. These courses will physically and mentally be demanding with great rewards in regards to fire service readiness.

Introduction to Law, Public Safety, Corrections & Security **650500CW**

1 Unit Grades 9-10

This Course provides basic career information in public safety including corrections, emergency and fire management, security and protection, law enforcement and legal services. Additionally, students will develop a personal plan for a career in public safety. This course includes skills in each area of Law Enforcement Services and Fire Fighter and the community to help deliver instruction to the students.

Class fee is \$15.00

Firefighter 1 **651400CW**

1 Unit Grades 10-12

Prerequisites: Introduction to Law, Public Safety, Corrections and Security

This is a year-long course that builds upon the skills taught in the introduction course. Students in this class begin taking the South Carolina Fire Academy Courses: Hazmat Awareness, Hazmat operations and IFSAC Firefighter I. Participants **must be at least 16 years of age.**

Class fee is \$15.00

Firefighter 2 **651500CW**

1 Unit Grades 11-12

Prerequisites: Firefighter 1

This course builds upon the knowledge that the students gained in Firefighting 1. Students in this class take the South Carolina Fire Academy's Auto Extrication class and IFSAC Firefighter II. Firefighter 2 candidates will also be given, when available, work-based learning hours at the York Fire Department.

Class fee is \$10.00

EMERGENCY AND FIRE MANAGEMENT SERVICES

3 Units Required

- ⇒ Introduction to Law, Public Safety, Corrections & Security
- ⇒ Firefighter 1
- ⇒ Firefighter 2

Optional:

- ⇒ *Law, Public Safety, Corrections and Security Work-Based Credit*

Certifications:

- NFPA Firefighter 1 and 2
- Basic Life Saving/CPR/AED
- Basic Auto Extrication
- Haz-Mat Awareness
- Haz-Mat Operations

COURSE OFFERINGS

FLOYD D. JOHNSON TECHNOLOGY CENTER

SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS

Planning, managing, and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, manufacturing/process engineering.

PROJECT LEAD THE WAY

Project Lead the Way (POE) courses will expose students to scientific research and development and professional and technical services in engineering, including laboratory and testing services.

Introduction to Engineering Design (IED)

605100HW

1 Unit Grades 9-12

Prerequisite: Enrollment in a CP level math course. This is a pre-engineering course that introduces students to engineering and helps them develop problem solving skills used in the engineering field. Students learn to design and draw with a computer program called Inventor. This is a beginning course in a sequence of Project Lead the Way courses. **Course counts as a computer science unit required for graduation.**

Course fee is \$15.00

Principles of Engineering (POE)

60500HW

1 Unit Grades 10-12

Prerequisite: Enrollment in a CP level math course.

Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of materials and structures, automation and motion. Students develop skills in problem solving, research and design while learning strategies for design process documentation, collaboration and presentation.

Course fee is \$15.00

Digital Electronics (DE)

605200HW

1 Unit Grades 9-12

Prerequisite: IED AND POE

Students use computer simulations to learn about the logic of electronics as they design problems and develop, analyze, and create product models.

Course fee is \$15.00

Engineering Design & Development

605400CW

1 Unit Grades 10-12

Prerequisites: IED, POE, and DE

The knowledge and skills students acquire throughout PLTW Engineering come together in Engineering Design and Development as they identify an issue and then research, design, and test a solution, ultimately presenting their solution to a panel of engineers. Students apply the professional skills they have developed to document a design process to standards, completing Engineering Design and Development ready to take on any post-secondary program or career.

Course fee is \$15.00

PROJECT LEAD THE WAY: PRE-ENGINEERING

4 Units Required :

- ⇒ IED: Introduction to Engineering Design
- ⇒ POE: Principles of Engineering
- ⇒ DE: Digital Electronics
- ⇒ EDD: Engineering Design & Development

Optional:

- ⇒ *Science, Technology, Engineering, and Mathematics (STEM) Work-Based Credit*

Certifications:

- Microburst Employability Skills

COURSE OFFERINGS

FLOYD D. JOHNSON TECHNOLOGY CENTER

MANUFACTURING

Planning, managing, and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance, and manufacturing/process engineering.

WELDING TECHNOLOGY

(DUAL ENROLLMENT PROGRAM WITH YORK TECHNICAL COLLEGE)

The Welding curriculum is designed for persons who seek a background in the basic principles and practices of welding. It is also valuable for many who are currently working in the field of welding who want to add to their current welding skills. Students can receive training in theory and practice relating to OXY/ACTY gas welding & cutting, SMAW, FCAW, GTAW, GMAW welding processes in accordance with current industrial practices. Robotic welding is also taught.

WLD 111 ARC WELDING I

Grade 12

This course covers the safety, equipment, and skills used in the shielded metal arc welding process. Fillet welds are made to visual criteria in several positions.

Credit: College – 4 hours; High School – 1 Unit

WLD 113 ARC WELDING II

Grade 12

This course is a study of arc welding of ferrous and/or non-ferrous metals.

Credit: College – 4 hours; High School – 1 Unit

WLD 104 GAS WELDING AND CUTTING

Grade 12

This course covers welding, brazing, soldering and cutting of metals.

Credit: College – 2 hours; High School – 1 Unit

WLD 136 ADVANCED INERT GAS WELDING

Grade 12

This course covers the techniques for all positions of welding ferrous and non-ferrous metals.

Credit: College – 2 hours; High School – 1 Unit

WLD 152 TUNGSTEN ARC WELDING

Grade 12

This course covers gas tungsten arc welding of carbon-steel filler metal and carbon-steel metals with stainless- steel filler metals.

Credit: College – 4 hours; High School – 1 Unit

Intro. To Manufacturing Technology

604500CW

1 Unit Grade 12

Prerequisites: Welding Program

Introduction/Intermediate Manufacturing Technology is an entry level to mid-level course that provides students an introduction/intermediate path to manufacturing industries All standards come from the Manufacturing Skill Standards Council's (MSSC) "worker" standards four critical work functions of production: Development as they identify an issue and then research, design, and test a solution, ultimately presenting their solution to a panel of engineers. Students apply the professional skills they have developed to document a design process to standards, completing Engineering Design and Development ready to take on any post-secondary program or career.

WELDING TECHNOLOGY (Dual Enrollment with YTC)

3 Units Required

- ⇒ WLD 111-DE Arc Welding
- ⇒ WLD 113-DE Arc Welding 2
- ⇒ WLD 104-DE Gas Welding and Cutting
- ⇒ WLD 136-DE Advance Inert Gas Welding
- ⇒ WLD 152-DE Tungsten Arc Welding

Optional:

- ⇒ *Basic Welding Work-Based Credit*

Certifications:

- Basic Welding Certificate

COURSE OFFERINGS

FLOYD D. JOHNSON TECHNOLOGY CENTER

MANUFACTURING

Planning, managing, and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance, and manufacturing/process engineering.

MACHINE TOOL TECHNOLOGY

(DUAL ENROLLMENT PROGRAM WITH YORK TECHNICAL COLLEGE)

The Machine Tool Technology curriculum prepares the student for career opportunities in modern computer integrated manufacturing environments as machinist, tool and die makers, manufacturing process technicians, quality control technicians, CNC programmers, CNC setup and operation technician. Students receive practical hands-on experience in machine tool labs using standard machine tool equipment and CNC equipment. This helps to train them to meet high quality standards in manufacturing intricate precision components in modern manufacturing environments. In addition, students also receive training in metallurgical heat treatment, blue print reading, GD&T (Geometrical Dimensioning and Tolerancing), CAD/CAM systems and precision measuring instruments. The Machine Tool Technology curriculum offers a Diploma program.

EGT 128 MACHINE TOOL PRINT LAYOUT (FALL)

Grade 12

This course covers print layout, projection, and dimensioning for the machine tool trades. (Prerequisite: RDG 031 or equivalent)

Credit: College – 2 hours; High School – 1 Unit

MTT 111 MACHINE TOOL THEORY& PRACTICE I (FALL)

Grade 12

This course is an introduction to the basic operation of machine shop equipment (Prerequisite: RDG 031 or equivalent; Co-requisite EGT128)

Credit: College – 5 hours; High School – Unit

MTT 112 MACHINE TOOL THEORY AND PRACTICE II (SPRING)

Grade 12

This course is a combination of the basic theory and operation of machine shop equipment. (Prerequisite: MTT 111)

Credit: College – 5 hours; High School – 1 Unit

MTT 254 CNC PROGRAMMING I (SPRING)

Grade 12

This course is a study of CNC programming, including machine language and computer assisted programming. (Prerequisites: MTT 112 and RDG 031 or equivalent)

Credit: College – 3 hours; High School – 1 Unit

Intro. To Manufacturing Technology

604500CW

1 Unit Grade 12

Prerequisites: Machine Tool Program

Introduction/Intermediate Manufacturing Technology is an entry level to mid-level course that provides students an introduction/intermediate path to manufacturing industries All standards come from the Manufacturing Skill Standards Council's (MSSC) "worker" standards four critical work functions of production: Development as they identify an issue and then research, design, and test a solution, ultimately presenting their solution to a panel of engineers. Students apply the professional skills they have developed to document a design process to

MACHINE TOOL TECHNOLOGY (Dual Enrollment with YTC)

Units Required

- ⇒ **EGT 128 MACHINE TOOL PRINT LAYOUT**
- ⇒ **MTT 111 MACHINE TOOL THEORY& PRACTICE I**
- ⇒ **MTT 112 MACHINE TOOL THEORY AND PRACTICE II**
- ⇒ **MTT 254 CNC PROGRAMMING I**

Optional:

COURSE OFFERINGS

FLOYD D. JOHNSON TECHNOLOGY CENTER

MANUFACTURING

Planning, managing, and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance, and manufacturing/process engineering.

INDUSTRIAL MAINTENANCE TECHNOLOGY

(DUAL ENROLLMENT PROGRAM THROUGH YORK TECHNICAL COLLEGE)

This program provides training in safety, electricity, programmable logic controllers (PLCs) and programmable automation controllers (PACs), valves, pumps, welding, power transfer, pneumatics, hydraulics, valves, pumps, welding, power transfer, pneumatics, hydraulics, and use of hand and bench tools. Students are also trained in effective communication, interpretation of blueprints, and use of mathematics.

EEM 117 AC/DC CIRCUITS I (Lecture and Lab)

This course is a study of direct and alternating theory, Ohm's Law, series, parallel, and combination circuits. Circuits are constructed and tested.

Credit: College – 4 hours; High School – 1 Unit

EEM 145 CONTROL CIRCUITS (Lecture and Lab)

This course covers the principles and applications of component circuits and methods of motor control.

Credit: College – 3 hours; High School – 1 Unit

EEM 215 DC/AC MACHINES

This course is a study of applications, operations, and construction of DC and AC machines

Credit: College – 4 hours; High School – 1 Unit

EEM 221 DC/AC DRIVES

This course covers the principles of operation and

application of DC drives and AC drives

Credit: College – 3 hours; High School – 1 Unit

Intro. To Manufacturing Technology 1 Unit Grade 12

604500CW

Prerequisites: Industrial Maintenance Technology Program

Introduction/Intermediate Manufacturing Technology is an entry level to mid-level course that provides students an introduction/intermediate path to manufacturing industries All standards come from the Manufacturing Skill Standards Council's (MSSC) "worker" standards four critical work functions of production: Development as they identify an issue and then research, design, and test a solution, ultimately presenting their solution to a panel of engineers. Students apply the professional skills they have developed to document a design process to standards, completing Engineering Design and Development ready to take on any post-secondary program or career.

INDUSTRIAL MAINTENANCE TECHNOLOGY

(Dual Enrollment with YTC)

- ⇒ EEM 117-DE AC/DC Circuits 1 (Lecture and Lab)
- ⇒ EEM 145-Control Circuits (Lecture and Lab)
- ⇒ EEM 215-DE DC/AC Machines (Lecture and Lab)
- ⇒ EEM 221-DE DC/AC Drives (Lecture and Lab)

Optional:

- ⇒ *Manufacturing Work-Based Credit*

WORK-BASED LEARNING

- ⇒ Counts as 1 (one) credit ONE time
- ⇒ Can be given for credit AFTER 3 (three) units have been earned in a program area
- ⇒ Must be approved by the WBL Coordinator BEFORE being placed on a students schedule
- ⇒ **Local board approved courses for students that wish to continue WBL after completing WBC in their program area include: Internship 2, Internship 3, Internship 4**



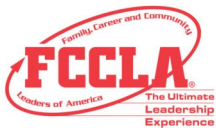
The mission and purpose of CTSO are defined as follows: Career and Technical Student Organizations (CTSO) enhance student learning through contextual instruction, leadership and personal development, applied learning and real world application. CTSOs work as an integral component of the classroom curriculum and instruction, building upon employability and career skills and concepts through the application and engagement of students in hands-on demonstrations and real life and/or work experiences through a Career and Technical Education (CTE) program. CTSO's help guide students in developing a career path, a program of study and provide opportunities in gaining the skills and abilities needed to be successful in those careers through CTSO activities, programs and competitive events. In addition, students have opportunities to hold leadership positions at the local, state, and national level and attend leadership development conferences to network with other students as well as business and industry partners.

Students enrolled at Floyd D. Johnson Technology Center currently participate in the following CTSO's:



DECA prepares emerging leaders and entrepreneurs for careers in marketing, finance, hospitality and management in high schools and colleges around the globe. DECA Inc. is a 501(c)(3) not-for-profit student organization with more than 215,000 members in all 50 United States, the District of Columbia, Canada, China, Germany, Guam, Mexico, Puerto Rico and Spain. The United States Congress, the United States Department of Education and state, district and international departments of education authorize DECA's programs.

Educators Rising is a free national membership organization for aspiring teachers and their mentors. This school-based program helps young people explore teaching — in secondary or postsecondary — to connect with peers and experts around the country who are focusing on the same issues and challenges.



Family, Career and Community Leaders of America (FCCLA) promotes personal growth and leadership development through Family and Consumer Sciences education. Focusing on the multiple roles of family member, wage earner and community leader, members develop skills for life through: character development, creative and critical thinking, interpersonal communication, practical knowledge, and career preparation.

SkillsUSA empowers its members to become world-class workers, leaders and responsible American citizens. SkillsUSA improves the quality of our nation's future skilled workforce through the development of Framework skills that include personal, workplace and technical skills grounded in academics.



FFA is a dynamic youth organization that changes lives and prepares members for premier leadership, personal growth and career success through agricultural education.

FFA develops members' potential and helps them discover their talent through hands-on experiences, which give members the tools to achieve real-world success.

Members are future chemists, veterinarians, government officials, entrepreneurs, bankers, international business leaders, teachers and premier professionals in many career fields.

FFA is an intracurricular student organization for those interested in agriculture and leadership. It is one of the three components of [agricultural education](#).