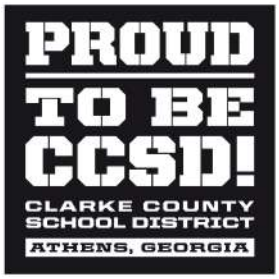
Clarke County School District

Program of Studies 2017-18



Information contained in this edition of the Program of Studies reflects local and state policy, regulations and guidelines as of the date of printing (December 2016). The electronic version, located at www.clarke.k12.ga.us/ProgramofStudies will reflect any revisions since the printing.

Table of Contents

Este documento contiene información importante de la escuela de su hijo/a.
Por favor, solicite que le traduzcan esta información tan pronto como sea posible.

Section I: Program Planning Information

Vision/Mission/Belief Statements

Vision: Our vision is for all students to graduate as life-long learners with the knowledge, skills and character to succeed in our community and the global society.

Mission: In partnership with families and the community, our mission is to inspire students to achieve at high academic levels through challenging and innovative learning opportunities that support the development of students' individual talents.

Belief Statements: We believe that…

Education is the key to a successful future.

Each member of the school community has responsibility for working towards achievement of the district's vision.

High expectations promote academic excellence.

The diversity of people, perspectives and practices strengthens our school district.

A highly effective and innovative staff is essential to student learning.

Frequent, clear and consistent communication is essential among all school district stakeholders.

Positive learning environments are built on respect and encouragement where all individuals believe they can make a difference.

Caring and trusting relationships among students and adults in schools are vital to encouraging and promoting meaningful learning.

Safe, inviting, well-maintained schools are vital for teaching and learning.

Education is enhanced through access to technological resources, flexible learning environments and quality facilities.

Commitments for High Student Performance

The Clarke County School District is committed to using effective, research based practices to inspire students to achieve at high academic levels through challenging and innovative learning opportunities. Our goal is for all students to graduate as lifelong learners with the knowledge, skills and character to succeed in our community and the global society. To reach this goal, we will:

Planning Practices:

- Dedicate time for collaborative planning to create authentic lessons that align with the required curriculum and provide enrichment opportunities.
- Create lessons using the CCSD instructional framework that are engaging, rigorous and aligned to the required curriculum.
- Use assessment data to identify learning needs and plan differentiated lessons.

Instructional Practices:

- Facilitate instruction so that students make connections between prior learning and new learning.
- Provide opportunities for each student to use globally diverse perspectives in seeking solutions to meaningful problems.
- Differentiate instruction so that every student is challenged.
- Use digital media to support student learning.

Assessment Practices:

- Communicate rigorous expectations for mastery of the required curriculum.
- Provide frequent and meaningful feedback on student work.
- Use a variety of assessments and performance-based tasks to design, monitor, assess and adjust instruction to support student learning.

Learning Environment Practices:

- Create a learning environment in which students are decision-makers and take responsibility for their own learning.
- Respect the individuality of each student and support academic growth, social-emotional development and physical well-being.

Professionalism/Communication Practices:

- Establish partnerships with families through open, frequent and meaningful collaboration.
- Collaborate with communities to enhance and promote student learning.
- Involve stakeholders in identifying school needs and developing solutions.
- Respect the diversity of all stakeholders.

High Schools and Programs

The Clarke County School District has established multiple pathways for students to earn a high school diploma and prepare to enter a post-secondary program. The school district has two comprehensive high schools – Cedar Shoals High School and Clarke Central High School. In addition, Classic City High School offers an innovative program with increased flexibility. All three high schools provide a challenging education to prepare students for future success.

Also, students enrolled at any of the three high schools can apply and attend one of two unique programs offered in the county. Students in programs at Athens Community Career Academy and Ombudsman maintain their home school status, as well as extracurricular eligibility at those schools.

More information on each is below.

Cedar Shoals High School, located on Cedar Shoals Drive on the eastside of Athens-Clarke County, is the receiving school for Coile Middle School and Hilsman Middle School. Cedar Shoals is an authorized school for the International Baccalaureate Middle Years Programme.

Clarke Central High School, located on South Milledge Avenue on the westside of Athens-Clarke County, is the receiving school for Burney-Harris-Lyons Middle School and Clarke Middle School. Clarke Central is an authorized school for the International Baccalaureate Middle Years Programme.

Classic City High School is located on the H.T. Edwards Complex campus. Students take advantage of flexible scheduling with the use of digital learning on site. In addition, the school offers a Georgia Virtual School program.

Athens Community Career Academy, located on the H.T. Edwards Complex campus, is open to any high school student enrolled in Clarke County School District. Here, students have the option to enter a college program and take coursework that aligns to a career pathway. Students also have the option to take core academic coursework not aligned with a pathway for college credit. The Career Academy is a collaborative between the school district, Athens Technical College, the University of Georgia and OneAthens.

The Ombudsman program is designed for students who desire an individual program that is self-paced. Students in this program are introduced to work readiness skills and have the ability to earn credit through a paid job experience. Students that graduate from the program earn an Ombudsman diploma.

High School Graduation Requirements

Carnegie Unit Requirements for Graduation
For Those Who Entered 9th Grade After July 1, 2008

Subject Area	Requirements
English	**4 units** 9th Grade Literature/Composition 10th Grade Literature/Composition American Literature/Composition British Literature/Composition
Mathematics	**4 units** GSE Coordinate Algebra + GSE Analytic Geometry + GSE Advanced Algebra + a 4th Math OR Accelerated GSE Coordinate Geometry/Analytic Geometry A + Accelerated GSE Analytic Geometry B/Advanced Algebra + Accelerated GSE Pre-Calculus + a 4th Math 4th Math Option: Advanced Mathematical Decision Making, Pre-Calculus, AP Statistics, Statistical Reasoning, AP Calculus AB and AP Calculus BC
Science	**4 units** Biology Physical Science or Chemistry Chemistry, Physics, Environmental Science or Earth Systems A 4th science unit from the state-approved list
Social Studies	**4 units** American Government World History US History Economics and Free Enterprise
Health/Personal Fitness	**1 unit** Health and Personal Fitness *Note: Health and Personal Fitness* *(Course number 17.011)* *will be used to satisfy this requirement*
CTAE and/or Modern Language/Latin and/or Fine Arts	**3 units** Students are encouraged to select courses in a focused area of interest. Students planning to enter or transfer into a University System of Georgia institution or other post-secondary institution must take 2 units of the same modern language/Latin. The Technical College System of Georgia does not require modern language/Latin for admissions
Electives	**4 units (3 for Classic City High School)**
Total Units	**24 units (23 for Classic City High School)**

Academic Honesty

The Clarke County School District promotes academic honesty and personal integrity among students and faculty. Academic honesty is defined broadly and simply – the performance of all academic work without plagiarizing any source of information not appropriately authorized or attributed.

Advanced Placement (AP)

Clarke County high schools offer the Advanced Placement (AP) program of the College Board. AP courses follow curricula outlined by the College Board. Students enrolled in these courses are expected to take the AP examinations administered each May. Fees are assessed for the exams, although the Georgia State Legislature usually reimburses a portion of the fees to public school students who are enrolled in and are passing those specific AP classes in which they have taken exams. Reimbursement decisions are made on a yearly basis. Students who are not enrolled in AP classes may register for and take the tests at their own expense. Passing scores on AP tests may allow students to exempt college courses with credit. Students must check with specific colleges for their policies regarding credit for AP tests.

Students wishing to enroll in some AP courses are required to meet pre-requisites in order to qualify for this college equivalent program. Students are advised to give careful consideration to the academic rigor of AP courses. The AP courses carry a differentiated weight. This weight is reflected on the final grade report by the addition of 10 points to each AP course grade. For additional information on the Advanced Placement program, visit www.collegeboard.com/ap/students.

Advisement

The Student Advisement Program offers students the opportunity to establish relationships with teachers and other students in a non-evaluative setting. Students will meet with a certified staff member regularly for the purposes of advisement. Students will receive information and instruction that will assist them in their academic and future careers.

Assessments Required by the State of Georgia

The school district will implement assessments as required by the State of Georgia.

End of Course Assessment

Students have the option to test-out of high school courses with an associated End of Course assessment (EOC) course: Ninth Grade Literature, American Literature 11, Analytic Geometry, Coordinate Algebra, US History, Economics, Biology and Physical Science.

High school students may demonstrate subject area competency be testing out of any course that has an associated End of Course assessment (EOC). A unit of course credit is awarded to students who reach performance level of Distinguished on the associated EOC prior to beginning a specific EOC course. EOC test-out opportunities are administered in March and Summer. Interested students should speak with their academic school counselor as soon as possible to discuss and complete the registration procedure.

End of Pathway Assessment

The school district provides industry-based credentialing opportunities through End of Pathway assessments for students who complete a sequence of three or more courses in a specific career pathway.

Carnegie Unit

A Carnegie Unit is awarded for the successful completion (a grade average of 70 or above) of a course that meets for 135 hours or courses with an approved seat time waiver. A half-Carnegie Unit may be awarded for the successful completion (a grade average of 70 or above) of a course that meets for 67.5 hours. In order for a student to receive Carnegie Unit credit for a course that is assessed by an EOC, the following weighted calculation must be used: student's final numeric score in the course as determined under local board policy (80%) plus the student's numeric score on the EOC assessment (20%), with the resulting average meeting or exceeding 70 to earn credit. Per state policy, a student enrolled in an EOC course must take the EOC assessment to receive credit for the class. Move On When Ready (MOWR)

students who are enrolled in the following EOC courses are not required to take an EOC per state policy: American Literature & Composition, Physical Science, US History and Economics.

College Admission Information

College admissions requirements differ for each college or university. Students should discuss college choices with their school counselors to be sure that specific college or university criteria are met. Students should research all possibilities for college entrance. Students who desire to first enter a 2-year college and then transfer a 4-year college should work closely with the college advisement staff to make sure that associate level courses transfer to the 4-year college of their choice.

College Admission Tests

The PSAT and the SAT of the College Board's College Admission Testing Program, the ACT assessment of the American College Testing Program and the ACCUPLACER test for technical colleges are available to students on a regular basis. Information on test dates and registration deadlines can be found in the counseling office. Advanced students are also encouraged to register for the SAT Subject Test in the area in which they excel as soon as possible after completing the related high school course. The PSAT and the SAT of the College Board's College Admission Testing Program, the ACT assessment of the American College Testing Program and the ACCUPLACER for technical colleges are available to students on a regular basis.

PSAT	SAT	ACT	ACCUPLACER
Administered 1 time each year in the fall A fee is charged by the College Board for the test; however, sophomores take the PSAT free of charge, pending state allocation 10th grade – Taken in the fall for practice and may determine eligibility for the Governor's Honors Program 11th grade– Taken in the fallfor eligibility for National Merit Scholarships and may determine eligibility for Governor's Honors Program and Advanced Placement Programs	Administered 7 times during the year A fee is charged by the College Board for the test 9th, 10th and 11th grade – Spring: March or May for practice, joint enrollment eligibility 12th grade – Fall or Winter for college admissions See your school counselor for information about eligibility for fee waivers. The SAT Reasoning Test includes verbal (critical reading), math and writing sections. For information on this and other changes, see your school counselor and visit www.collegeboard.com. Can be used to dual-enroll at the University of Georgia, University of North Georgia, or Athens Technical College. See school counselor for score requirements.	Administered 5 times during the school year A fee is charged by the American College Testing Program for the test 11th grade – register in Fall for college admissions 12th grade – register in Fall or Winter for college admissions See your school counselor for information about eligibility for fee waivers. Can be used to dual-enroll at the University of Georgia, University of North Georgia, or Athens Technical College.	The ACCUPLACER test is the placement test given by technical colleges for admission. It is an untimed, computer-based test.

College and Career Planning

The school district provides a system of college and career advisement for all students. Using a variety of tools, students and parents develop the individual graduation plan. Utilizing a "Teachers as Advisors" system, small groups of students and their parents/guardians set career and post-secondary goals while tracking academic progress and monitoring grades, behavior and attendance. The goal is for students and parents/guardians to become more involved and to have a better understanding of the courses needed in high school in preparation for post-secondary education and a career.

Each school Teacher as Advisor Team develops a yearly plan of student advisement. Students are given a log-in and password for www.gafutures.org in order to complete their on-line cumulative portfolios, interest inventories and research activities either at school or at home. Utilizing developmentally appropriate lessons and topics, teacher advisors assist in linking students with resources to address individual student needs in order to help students keep on track at each grade level, obtain a high school diploma, prepare for post-secondary studies become work force-ready upon graduation. More information is available from school counselors and teacher advisors.

Correspondence Courses

In order for students to enroll in AdvancED-approved correspondence course, permission must be given by a parent/guardian and by the principal's designee at the school. The number of correspondence courses accepted for Carnegie credit is the equivalent of two per high school career.

Course Content

All high school courses offered by the Clarke County School District meet or exceed state guidelines for course content. All courses are aligned to the Georgia Performance Standards (GPS) and/or Georgia Standards of Excellence (GSE) and offer students opportunities for higher-level thinking, performance and real-world application. All courses prepare students for post-secondary opportunities. Advanced courses are designed for studies that are increased in depth and complexity.

Course Load Requirements

Beginning with the graduating class of 2011, Cedar Shoals High School and Clarke Central High School students are required to enroll in a minimum of 8 semesters of study, not including summer. They must earn an overall minimum of 24 Carnegie Units of credit. Within these 24 credits, students must earn 20 credits of required courses and 4 total elective courses. At Classic City High School, students must earn a minimum of 23 Carnegie Units of credit in order to be eligible for graduation.

Where circumstances are such that students cannot meet the enrollment requirement of 8 semesters but have met the minimum units required for graduation, students may apply for a waiver. To apply for a waiver, the appeal must be based on a hardship or other extenuating circumstances. *To apply, a waiver request must be completed by October 1 of each school year to apply for a December waiver and by March 1 of each school year to apply for a May waiver.* Waiver requests are available from the school counselor and the student must be scheduled to complete 24 credits and have passed the state-required assessments prior to a waiver request being submitted. A letter of support from the student's school counselor and parent/guardian describing the nature of the hardship must also accompany the request. If a student is requesting an appeal to join the military, a letter from the military recruiter specifying the start date must be included. The waiver request and supporting letters must be submitted to the high school principal and must be date-stamped or postmarked by the deadline date.

Course Changes and Instructional Level Changes

Student requests for courses during registration in the spring determine how the master schedule will be built for the following school year. For that reason, it is important for students and parents to give consideration to course requests during registration. Parent conferences for the purpose of registration for the following year are held during the second term. Course changes made after the term begins involve the loss of too much instructional time and content to be educationally sound. Students will be expected to continue with all of their requested courses, but the school recognizes there are situations that may require a schedule change. Since any change may have a serious effect on class size, teacher

assignments and the overall master schedule, course changes will be considered very carefully. Parental permission is required for any schedule change request. The school administration reserves the right to change student schedules in order to resolve issues of class size and teacher loads or other issues which may impact the instructional program.

A course change is changing from one course to a different course, e.g. from Physical Science to World History. Course changes will be considered according to criteria set up by the school administration. *Requests for a course change should be made no later than the 10th day of the school year*. The student is expected to make up all work that was missed prior to entering the new class. Attendance records are transferred with the student when a course change is made.

An instructional level change is changing from one instructional level of a course to another level of the same course. *Requests for an instructional level change will be considered through the first 5 weeks of the school year and only if the rest of the scheduled courses are not impacted and there is an opening in a section of the other level.* Grade and attendance records are transferred with the student when an instructional level change is made.

Counseling Services

School counselors strive to provide students with educational opportunities that promote growth and development and strengthen parent-community-school relationships. Upon entering high school, each student is assigned a school counselor. School counselors work directly with students and parents on long-range program planning, course selections, career decision-making and college or technical school admissions processes.

School counselors conduct individual and group counseling during the school year in the areas of educational, career and/or personal needs. Some examples of counseling services include individual or group sessions focusing on: interpersonal relations, social skills, study skills, appreciating diversity, grief and loss, decision making, anger management, conflict resolution and substance abuse, as well as other areas determined from assessment of students' needs. In coordination with the school's staff, school counselors provide supportive instructional classroom activities that meet the unique developmental, social/emotional and academic needs of students.

Credit from Middle School

Beginning with students who enter ninth grade for the first time in August 2007 and thereafter, Carnegie credit will be granted to students who master the GPS and/or GSE content of high school level courses from an accredited pre-high school program. Grades for these courses will be figured into the student's cumulative grade point average for high school, but as of this printing, are not part of the HOPE Scholarship calculation.

E-portfolio

The E-portfolio allows Clarke County high school students to be awarded college credit from Athens Technical College for high school-level courses with curriculum that is aligned to the Technical College System of Georgia standards. Targeted courses that offer the E-portfolio option can be found on the Career Academy website.

English to Speakers of Other Languages (ESOL)

English to Speakers of Other Languages (ESOL) classes are offered to all English Language Learners who need additional assistance in English language acquisition in order to be successful in core content areas. Eligible English Language Learners are students who are identified on the WIDA-ACCESS Placement Test designated by the Georgia Department of Education.

Foreign Studies and Foreign Exchange Programs

Individual learning contracts are recommended by a school's principal for board approval. These plans are designed under the supervision of a school faculty member and may be submitted to allow students to earn elective credit for educational experiences abroad. Such credits result from exchange programs and school-sponsored foreign travel programs. Foreign exchange students accepted for a year of exchange program study in Clarke County high schools may earn a Clarke County School District Exchange Program certificate. Foreign exchange students wishing to earn a high school diploma must satisfy all prescribed credits as district or state diploma criteria or certificate criteria.

Governor's Honors Program (GHP)

Governor's Honors Program (GHP) is a 4-week summer instruction program designed to provide intellectually gifted and artistically talented rising juniors and seniors challenging and enriching educational opportunities not usually available during the regular school year. Clarke County is assigned a nomination quota based on the average daily attendance of its 10th and 11th grades. Cedar Shoals High School and Clarke Central High School faculties nominate qualified students to participate in statewide screening interviews/auditions. Information about specific areas – academic, fine arts, technology/career, agriculture – of the Governor's Honors Program may be obtained from GHP coordinators in each high school. An SAT or PSAT score is a requirement for all GHP candidates. The GHP is funded by the Georgia General Assembly. Nominations are made in the fall; state finalists are announced in the spring.

Grade Point Average (GPA)

The grade point average (GPA) is recorded on the transcript on a scale of 0-100.

Grading and Reporting Practices

Grading Scale:

90-100	A
80-89	B
70-79	C
Below 70	F

I (Incomplete) Indicates a student has passed an EOC/Final Exam but has a course average of 60-69

IP (In Progress) Used only for a technology-based course when some of the course work has been mastered but all of the course work is not complete

Specific conditions for I and IP grades are found in CCSD BOE Regulation IHA-R.

No student can earn a grade over 100 with the exception of "quality points" added to grades.

Graduation Ceremony

Only those students who have fulfilled all course and program of study requirements or met all requirements of their Individual Education Plan (IEP) and are in good standing are eligible to participate in graduation ceremonies. Foreign exchange students may choose to participate in the graduation ceremony.

Honor Graduates

In recognition of outstanding academic achievement, each high school will annually name a valedictorian, salutatorian and honor graduates. Students with a cumulative numerical average of 90 or above, through the third quarter (27 weeks) of the senior year, are designated as honor graduates. The valedictorian at each school will be the senior who has met or is in progress of meeting all graduation requirements and has the highest numerical average at the end of the 3rd quarter of the senior year. The salutatorian will be the senior who has met or is in progress of meeting all graduation requirements and has the second highest numerical average through the third quarter (27 weeks) of the senior year. To be considered for either the valedictorian or salutatorian honor, a student must have completed his/her first and second terms of the junior year as well as the first half of the senior year in the high school where the honor is awarded.

International Baccalaureate

Clarke Central and Cedar Shoals High Schools are authorized International Baccalaureate World Schools offering the Middle Years Programme. IB World Schools share a common philosophy – a commitment to high-quality, challenging, international education – that is important for students. For further information about the IB and its programmes visit http://www.ibo.org.

Ninth and tenth grade courses at Cedar Shoals High Schools and Clarke Central High School will incorporate the ideas of intercultural awareness, holistic learning and positive communication skills. This foundation provides a framework for academic challenge and encourages students to explore the connections between academic studies and the real world and

to become critical and reflective thinkers. Students will also have the opportunity to participate in interdisciplinary units of study, develop higher order thinking skills, and as a 10th grader, complete a personal project in an area of their interest.

Make-Up Opportunities

Teachers will provide students with written procedures for make-up work.

Move on When Ready

As of July 1, 2015, dual enrollment in the state of Georgia is housed under one program – Move on When Ready (MOWR). MOWR allows students to take college coursework while in high school.

MOWR Admission and Agreements

The Clarke County School District has agreements with the following local colleges:

- Athens Technical College: 2.0 GPA; Placement test score requirements vary by program. SAT 450 Critical Reading and 450 Math or ACT 16 English, 19 Math, 18 Reading. The ACCUPLACER degree level score requirement is a 70 in English/Writing, 64 in Reading, 34 in Pre-Algebra, 57 in Algebra. Applications are due by July 1.

- Piedmont College: 3.0 GPA, 480 Math and 380 CR on SAT or 20 Math, 21 English, 21 composite score on ACT. Applications are due by June 1.

- University of Georgia: 3.9 GPA, 1400 SAT (Critical Reading + Math) or 31 ACT composite score. Students must be in 11th or 12th grade. Applications are due April 15 for Summer or Fall Semester.

- University of North Georgia, Oconee Campus: 3.25 GPA, 970 combined Critical Reading (CR) and Math score on SAT, with 480 minimum CR and 440 minimum Math or 20 composite score on ACT with 20 minimum English and 18 minimum Math. Students must be in 11th or 12th grade. Summer Semester deadline is April 1 and Fall Semester deadline is May 1.

Students who pursue college level credit during high school using the MOWR program have two options:

SB-132 The New Move On When Ready Program	**SB-2 New High School Graduation option**
• All high school students may enroll in eligible participating postsecondary institutions • Students will earn high school and college credit simultaneously • Students may take any course - Academic and CTAE courses OR • Students may enroll in a Program (Associate Degree, Diploma or Technical Certificate of Credit)	• Student completes 10th grade with the required high school courses (two English, math, science, social studies; one health and PE and required tests) • Four courses that require an End of Course Assessment must be completed before student participation • Student must complete an associate degree, technical diploma or two technical certificate programs in a career pathway • Student awarded a high school diploma and college credential at graduation

Students who wish to graduate from high school using the SB-2 option will have to meet the following requirements:

MOWR SB- 2 Requirements (as of July 1, 2015)

Subject Area	Requirements
English	2 units
Mathematics	2 units
Science	2 units
Social Studies	2 units
Health/ Personal Fitness	1 unit
MOWR / Dual Enrollment	Students must complete one of the following: • Associate Degree OR • Technical Diploma OR • Two Technical Certificate programs
High school students who complete this graduation option will be awarded a high school diploma and college credential (s) at graduation.	

*Students must pass required EOC tests in order to receive credit for course

All MOWR courses carry a differentiated weight. This weight is reflected on the final grade report by the addition of 10 points to each MOWR course grade.

For more information, please see your counselor at the high school or visit the Career Academy website. Additional information for the MOWR program can also be found on the Georgia Department of Education website at https://www.gadoe.org/Curriculum-Instruction-and-Assessment/CTAE/Pages/Transition-Career-Partnerships.aspx

Ombudsman

Ombudsman is a non-traditional, independently-paced program and is a partnership between the school district and Ombudsman Educational Services. Ombudsman's mission is to provide personalized, evidence-based educational services for non-traditional learners in collaboration with families and public school districts. If a student is enrolled in a CCSD middle or high school and is interested a different educational setting due to missed school, prefers a smaller learning environment, needs additional personalized attention or has gotten off track, they are eligible. Also, if a student has dropped out and wishes to re-enroll for a diploma or GED or has had behavior problems, he or she is eligible as well. Students enrolled in the program maintain their home school status and are eligible to participate in their home school's extracurricular activities if they meet eligibility requirements. Enrollment at Ombudsman is contingent upon space availability. Students entering the program receive an initial academic assessment that determines an individualized program. Students are promoted to the next grade upon completion of required coursework which leads to earning a high school diploma from the student's home school.

Online Classes through Georgia Virtual School

Georgia Virtual School classes are offered as an option for students who desire an online platform for learning. In compliance with Senate Bill 289, online courses are open to all students. A list of the courses currently available can be accessed through the Georgia Virtual School web site (http://www.georgiavirtualschool.org). Students can obtain additional information from their school counselor.

Pathways to Success Program – Afterschool Program

Tutoring is available at Cedar Shoals High School and Clarke Central High School for grades 9-12 through the afterschool Pathways to Success Program (PSP). Tutoring is provided in language arts, science, math and social studies, as well as general tutoring. Dates and times are available in high school main offices and school counselor's offices.

Promotion Requirements

Student advancement from grade to grade in high school is based upon a minimum number of Carnegie Units of credit earned by the student from the beginning of each school year and the number of years in high school based on the date entered in 9th grade.

Grades 9-12

The traditional high schools in Clarke County are organized on a 7-course schedule structure. For promotion from grade to grade, the criteria are as follows:

- To be considered a student in the 10th grade, the student must be in at least the second year of high school and have five units, three of which must be core courses.
- To be considered a student in the 11th grade, the student must be in at least the third year of high school and have eleven units, six of which must be core courses.
- To be considered a student in the 12th grade, the student must be in at least the fourth year of high school and have seventeen units.

Core courses are those in the areas of English, math, science and social studies.

Exemption from these criteria may be granted at the superintendent's discretion. This will also exempt students from consideration for valedictorian or salutatorian.

Retaking Courses

Students who need to retake a course may take advantage of opportunities to earn credit in a variety of ways. These include credit recovery during zero and eighth periods, during the day, and/or during summer school (if offered).

Summer School

The school district will determine annually if a summer program will be offered.

Transferring Seniors

Any student classified as a senior, who transfers into Clarke County School District and has been on a six-period day schedule will be eligible for graduation having earned a total of 23 units. The reduction of one unit required to graduate for these students comes only through the elective course requirement. All other transfer students are required to meet all core course requirements set by the State of Georgia and the local board of education for high school graduation.

Transfers from Home Schools or Non-Accredited Schools

Any student requesting admission into a high school in the CCSD from a home study program must have his/her parent or guardian provide proof to the principal that all eight requirements for operating a home school as specified in Georgia Code 20-2-690 have been met. Subject and grade transfer must meet the district's requirement for instructional contact hours for the regular academic year. After instructional hours are verified by the principal's designee, Clarke County School District personnel will administer proficiency tests to determine credit transferred from the student's home study program or non-accredited situation. The student will be tentatively scheduled in classes, pending verification, as indicated by records furnished to the school by the parent or guardian. These records must be presented to the principal's designee within two weeks of enrollment in the school. The Verification for Homestudy Form or the Verification for Non-Accredited Program Form must be completed by the parent/guardian in collaboration with the district administrator coordinating homestudy programs within the same two week period. Once all records have been gathered and provided to the high school, the principal's designee will complete the Acceptance of Credit from Non-Accredited

Programs/Homestudy.

If a parent or guardian disagrees with credit accepted or denied by the school for a student from a non-accredited situation or home study program, an appeal may be made to the principal of the school and then, if still dissatisfied, to the Superintendent of the Clarke County School District. The appeal should contain all pertinent information, documentation, transcript, attendance record and state the reasons for the appeal. The decision of the Superintendent is final. The maximum number of units accepted from non-accredited institutions and home study programs is twelve, two per area tested. No more than eight units can be applied for or awarded from any non-accredited situation in any single academic year. Home study credit may not be applied for or awarded for summer school work.

Non-academic course credit may be accepted from a non-accredited institution or home study program, provided the student passes a proficiency test, a portfolio review and/or interview by school district personnel. Elective courses that rely heavily on group participation, public performance and social interaction are not eligible for home study credit or credit from a non-accredited situation. Testing for academic and non-academic course credit will be content specific and will include, but not be limited to, course objectives as defined by GPS and/or GSE.

Proficiency tests in academic core courses will be administered by CCSD personnel using locally approved assessments, except for EOC courses. In order to earn credit for a course requiring an EOC, a student enrolling from a non-accredited program must take and pass the corresponding EOC. A score of 70% or better on the tests, as well as the course documentation and grades from the home study or non-accredited situation, is required in order to be awarded course credit. Students will be required to complete all needed proficiency tests within their first term of enrollment in the Clarke County School District.

If a student passes the tests administered by school district personnel to determine credit accepted, the school will also accept the grades listed on their records provided by the parent or guardian for those specific courses tested. Students who have been enrolled in a home study program or other non-accredited situation must pass required state assessments and meet State of Georgia and Clarke County Board of Education graduation requirements before a diploma will be issued.

A student who has been enrolled in a home study program or any other non-accredited situation will be informed by the school's counseling office at the time of registration in the public school that his/her participation in class is on a credit basis. Auditing of classes is not permitted in CCSD, except as outlined in Georgia Code for newcomer ESOL students. A student enrolling in a CCSD public high school for the first time during a grading period shall be responsible for the content and objectives for the grading period's work and major grade-bearing activities for the class.

Teachers will be responsible for informing students of their obligation for grade bearing activities, but teachers are not responsible for re-teaching information to students on content that was presented prior to the time of enrollment in school. School district personnel will assess with the student and parents schoolwork done in the non-accredited situation prior to enrollment or re-enrollment.

Transfers from Regionally and/or State Accredited Public or Private Schools and Post-Secondary Institutions

Any student requesting admission into the Clarke County School District from a regionally or state accredited public school or private school will transfer credits as recorded on the transcript from the issuing school. The letter grade for such transfer courses will be converted to a numerical grade using the Clarke County School District's conversion formula unless the previous system utilized a numerical grading system the same as the Clarke County School District.

Conversion Formula:

A+ = 98	B+ = 88	C+ = 78	D = 70
A = 95	B = 85	C = 75	F = 69
A- = 93	B- = 83	C- = 73	

Transfer of elective courses, when necessary, will be changed to broad categorical titles. Transfer of weighted grades will follow the Clarke County School District guidelines (located on Page 12). High school students who transfer from accredited schools must also pass all of the state-required assessments and meet State of Georgia and Clarke County Board of Education graduation requirements before a diploma will be issued.

Secondary credits granted at an eligible post-secondary institution shall be converted and transcribed on the eligible high school student's transcript. Eligible post-secondary institution semester hour credit shall be converted to secondary credit as follows:

1 to 2 semester hours = .5 secondary credit
3 to 5 semester hours = 1 secondary credit

Work-Based Learning

Work-Based Learning (WBL) is available for junior and senior students who have an identified career goal and who have taken at least the first course in a Career, Technical and Agricultural Education (CTAE) or academic pathway with plans to complete the pathway. Students must complete a program application, resume and submit three teacher recommendations by the deadline dates.

Work-Based Learning combines instruction and learning at school, at the worksite and through independent projects to further enhance personal, professional and career development. Using academic and workplace learning related to the student's career goal also aides in the transition to the workforce and postsecondary education.

Work-Based Learning has five separate placement options:

Great Promise Partnership (GPP) – Launched by the Department of Community Affairs in 2012, GPP partners with private and public stakeholders to provide entry-level, paid positions targeting students who are at-risk or disadvantaged. Students are provided with additional support through mentoring, tutoring, career coaching and life skills sessions.

Employability Skills Development (ESD) – ESD provides entry-level, paid positions where students learn basic employability skills. Students must have earned at least one unit in their CTAE pathway or be concurrently enrolled in a course and are limited to one year in the program.

Internship – These can be either paid or unpaid positions that match with a student's chosen pathway. Students must have earned a minimum of one unit of credit in the pathway related to the placement.

Co-op – This experience directly correlates to student's pathway. Students must be concurrently enrolled in related course and in a paid position.

Youth Apprenticeship – These are highly skilled positions providing students with an opportunity to earn a high school diploma, postsecondary credential/diploma and completer certificate. Student must complete 720 hours of on-the-job training.

More information on each of these Work-Based Learning options can be found on the individual high school websites.

Section II: Courses and Programs

A.
Cedar Shoals High School and Clarke Central High School
Course Descriptions

B.
Classic City High School
Program Description

C.
Athens Community Career Academy
Program Description and Course Descriptions

Cedar Shoals High School and Clarke Central High School

Course Descriptions

English/Language Arts

Ninth Grade Literature/Composition (English 9)
Advanced Ninth Grade Literature/Composition (English 9)

Courses focus on a study of literary genres; students develop initial understanding of both the structure and the meaning of a literary work. The students explore the effect of the literary form in regards to interpretation. Students will read across the curriculum to develop academic and personal interests in different subjects. While the focus is technical writing, students will also demonstrate competency in a variety of writing genres: narrative, expository, persuasive and technical. The students will engage in research, timed writings and the writing process.

Tenth Grade Literature/Composition (English 10)
Advanced Tenth Grade Literature/Composition (English 10)

Courses focus on a study of literary genres; students develop understanding that theme is what relates literature to life and that themes are recurring in the literary world. Students explore the effect of themes in regard to interpretation. The students will read across the curriculum to develop academic and personal interests in different subjects. While the focus is persuasive writing, students will also demonstrate competency in a variety of writing. Students will engage in research, timed writings and the writing process.

American Literature/Composition (English 11)
Advanced American Literature (English 11)

Courses focus on the study of American literature, writing modes and genres and essential conventions for reading, writing and speaking. Students develop an understanding of chronological context and the relevance of period structures in American literature. Students develop an understanding of the ways the period of literature affects its structure and how the chronology of a work affects its meaning. The students read a variety of informational and literary texts in all genres and modes of discourse. While expository writing is the focus, students will also demonstrate competency in a variety of writing genres. Students will engage in research, timed writing and the writing process.

AP Language/Composition (American Literature) – *Pre-requisite: Junior or Senior*

This course focuses on study of American literature while enabling students to develop and understanding of primary and secondary sources and to develop the research skills needed to effectively synthesize sources for writing. This course conforms to the College Board recommendations to prepare students for the AP Language/Composition exam and fulfills the English 11 graduation requirement.

British Literature/Composition (English 12)
Advanced British Literature/Composition (English 12)

This course focuses on the study of British literature, writing modes and genres and essential conventions for reading, writing and speaking. Students develop an understanding of chronological context and the relevance of period structures in British literature, as well as an understanding of the ways the period of literature affects its structure and how the chronology of a work affects its meaning.

AP English Literature/Composition – *Pre-requisite: Advanced American Literature/Composition or AP English Language or teacher recommendation*
This course focuses on an intensive study of representative works from various genres and periods. The focus is on complexity and analysis. The courses content stresses modes of discourse, assumptions underlying rhetorical strategies and various literary devices. This course conforms to the College Board recommendations for the AP English Literature Examination and fulfills the English 12 graduation requirement.

Writer's Workshop
This course offers opportunities for students to explore different writing genres: narrative, descriptive, persuasive and expository modes of discourse. Students will study different writers and their writing styles. Students will have opportunities to improve writing proficiency through a complete study of the components of solid writing: fluency, style, diction, mechanics, grammar, imaginative expressions and details. The course allows students to utilize the writing process to write independently to improve their writing.

Journalism I-IV
These courses focus on journalistic writing. Focus is on areas including influence, purpose, structure and diction. Reading, writing and critical thinking are key components as students explore the power and influence of journalism. Students will participate in news-gathering, the study of ethics and the aspects of copy writing, editing and revising and will study the ethics of journalism.

Multicultural Literature/Composition
The course focuses on world literature by and about people of diverse ethnic backgrounds. Students explore themes of linguistic and cultural diversity by comparing, contrasting, analyzing and critiquing writing styles and universal themes. Students write expository, analytical and response essays. A research component is critical. The students observe and listen critically and respond appropriately to written and oral communication. Conventions are essential for reading, writing and speaking.

Speech I
This course is a detailed study of forensic speaking, including extemporaneous speaking, oration and interpretation of literature and debate. There is an emphasis on understanding various forensic speaking formats and the importance of applying reasoning, research and delivery skills. Critical thinking is a major component of this course.

Basic Reading and Writing
Course provides fundamental skills development in the five strands of the GSE courses: Reading and Literature, Reading Across the Curriculum, Writing, Conventions and Listening and Speaking and Viewing. The setup is a language lab setting; the class includes drill and practice opportunities in reading comprehension, vocabulary development, reading opportunities, writing, speaking and critical thinking.

ESOL (English to Speakers of Other Languages)

Academic Language of Science and Math
This course focuses on teaching students with interrupted or limited formal schooling to decode the specialized vocabulary, symbols and text in science and mathematics.

Communication Skills I-II: ESOL
This course will focus on the acquisition of social and instructional language across the 4 language domains as prescribed in World-Class Instructional Design and Assessment (WIDA) Standard 1.

Communication Skills in Math
This course supports and enhances literacy and listening skills necessary for success in the mathematics content areas. Guiding the course are the 5 basic ESOL Standards with particular emphasis on vocabulary, speaking, listening and reading skills in mathematics.

Communication Skills in Science
This course supports and enhances literacy and listening skills necessary for success in the content area of science. Guiding the course are the 5 basic ESOL Standards with particular emphasis on vocabulary, speaking, listening and reading skills in science.

Communication Skills in Social Studies
This course supports and enhances literacy and listening skills necessary for success in the content area of social studies. Guiding the course are the 5 basic ESOL Standards with particular emphasis on vocabulary, speaking, listening and reading skills in social studies.

Oral Communications in the Content Areas
This course supports and enhances listening and speaking skills in the content areas and references the five basic ESOL standards with emphasis on the listening and speaking skills in the content areas.

Reading and Listening in the Content Areas
This course supports and enhances literacy and listening skills necessary for success in the content areas. Guiding the course are the five basic ESOL Standards with particular emphasis on reading and listening skills in language arts, science, social studies and mathematics.

Reading and Writing in Science
This course supports and enhances reading and writing skills in science and provides students with strategies for reading and comprehending scientific texts.

Reading and Writing in Social Studies
This course focuses on reading and writing in social studies and provides students with interrupted or limited formal schooling the basic skills and background preparation to enable them to successfully complete required social studies content courses.

Writing in the Content Areas
This course focuses on writing across the standards of English/language arts, science, mathematics and social studies. The domains of reading, listening and speaking are integral to the writing process, both actively and critically. The content addresses all five ESOL Standards.

Mathematics

Coordinate Algebra
This is the first in a sequence of three high school math courses designed to ensure career and college readiness. The course represents a discrete study of algebra with correlated statistics applications and a bridge to the second course through coordinate geometric topics.

Coordinate Algebra Support
The purpose of this course is to address the needs of students who have traditionally struggled in mathematics by providing the additional time and attention they need in order to successfully complete their regular grade-level mathematics course. Mathematics Support is an elective class that is taught concurrently with the regular mathematics CCGPS Coordinate Geometry.

Accelerated Coordinate Algebra/Analytic Geometry A
The fundamental purpose is to formalize and extend the mathematics that students learned in the middle grades. The critical areas deepen and extend understanding of linear relationships, in part by contrasting them with exponential phenomena and by applying linear models to data that exhibit a linear trend. Coordinate Algebra uses algebra to deepen and extend understanding of geometric knowledge from prior grades. Transformations on the coordinate plane provide opportunities for the formal study of congruence and similarity.

Analytic Geometry
This is the second course in a sequence of three high school math courses that embodies a discrete study of geometry analyzed by means of algebraic operations with correlated probability / statistics applications and a bridge to the third high school math course through algebraic topics.

Analytic Geometry Support
The purpose of this course is to address the needs of students by providing additional time and attention needed in order to successfully complete the Analytic Geometry course. This is an elective class that is taught concurrently with the regular CCGPS Analytic Geometry course. The majority of time in class is spent reviewing previously taught but not mastered course content and previewing future course content.

Accelerated Analytic Geometry B/Advanced Algebra
This is the second in a sequence of mathematics courses designed to ensure that students are prepared to take higher-level mathematics courses during their high school career including Advanced Placement Calculus AB and Advanced Placement Statistics.

Advanced Algebra
Students will apply methods from probability and statistics to draw inferences and conclusions from data. Students will expand their repertoire of functions to include polynomial, rational and radical functions. They expand their study of right triangle trigonometry to model periodic phenomena, and synthesize their experience with functions and geometry to create models and solve contextual problems.

Accelerated Pre-Calculus – *Pre-requisite: Accelerated Analytic Geometry B/Advanced Algebra*
Pre-Calculus focuses on standards to prepare students for a more intense study of mathematics. The study of circles and parabolas is extended to include other conics such as ellipses and hyperbolas. Trigonometric functions are further developed to include inverses, general triangles and identities. Matrices provide an organizational structure in which to represent and solve complex problems. Students expand the concepts of complex numbers and the coordinate plane to represent and operate upon vectors.

Pre-Calculus – *Pre-requisite: Successful completion of Advanced Algebra*
This is a 4th year mathematics course designed to prepare students for calculus and similar college mathematics courses. It requires students to: investigate and use rational functions; analyze and use trigonometric functions, their graphs and their inverses; use trigonometric identities to solve problems and verify equivalence statements; solve trigonometric equations analytically and with technology; find areas of triangles using trigonometric relationships; use sequences and series; understand and use vectors; investigate the Central Limit Theorem; and use margins of error and confidence intervals to make inferences from data.

Advanced Mathematical Decision Making
Students in this advanced course will be expected to complete assignments in greater depth and complexity. The pace of the course and the reading and writing assignments in it will be differentiated and extended to emphasize critical and independent thinking to produce creative applications of ideas. This is a course designed to follow the completion of Mathematics III or Accelerated Mathematics II. The course will give students further experiences with statistical information and summaries, methods of designing and conducting statistical studies, an opportunity to analyze various voting processes, modeling of data, basic financial decisions and use network models for making informed decisions.

College Readiness Mathematics
College Readiness Mathematics is a fourth mathematics course option for students who have completed Algebra II or Advanced Algebra, but are still struggling with high school mathematics standards essential for success in first year post-secondary mathematics courses required for non-STEM majors. The course is designed to serve as a bridge for high school students who will enroll in non-STEM post-secondary study.

AP Calculus AB – *Pre-requisite: Accelerated Pre-Calculus*
Follows the College Board syllabus for the AP Calculus AB Examination. Includes properties of functions and graphs, limits and continuity, differential and integral calculus.

AP Calculus BC – *Pre-requisites: Accelerated Pre-Calculus*
Conforms to College Board topics for the AP Calculus BC Examination. Covers AP Calculus AB topics and includes vector functions, parametric equations, conversions, parametrically defined curves, tangent lines and sequence and series.

Statistical Reasoning
Statistical Reasoning is a two-semester 4th mathematics course that provides experiences in statistics beyond the CCGPS sequence of courses, offering students opportunities to strengthen their understanding of the statistical method of inquiry and statistical simulations. Students will formulate statistical questions to be answered using data, will design and implement a plan to collect the appropriate data, will select appropriate graphical and numerical methods for data analysis and will interpret their results to make connections with the initial question.

AP Statistics – *Pre-requisite: Advanced Algebra*
Follows the College Board syllabus for the AP Statistics Examination. Covers four major themes: exploratory analysis, planning a study, probability and statistical inference.

AP Computer Science A
Students will write, run and debug computer programs, use and implement commonly used algorithms and data structures to solve problems, develop and select appropriate algorithms, code fluently in an object-oriented paradigm, use standard Java, read and understand a large program consisting of several classes and read and understand a description of the design and development process leading to such a program.

AP Computer Science Principles
AP Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology impact the world. This new College Boards course was developed with a unique focus on creative problem solving and real-world applications.

Foundations of Algebra

The Foundations of Algebra course is a first year high school mathematics course option for students who have completed mathematics in grades 6, 7 and 8, yet will need additional support to bolster success in high school mathematics. Foundations of Algebra will provide opportunities to revisit and expand the understanding of foundational algebra concepts. The course will emphasize both algebra and numeracy in a variety of contexts including number sense, proportional reasoning, quantitative reasoning with functions and solving equations and inequalities.

Science

Biology

Advanced Biology

The Biology curriculum is designed to continue student investigations of the life sciences that began in grades K-8 and provide students the necessary skills to be proficient in biology. This curriculum includes more abstract concepts such as the interdependence of organisms, the relationship of matter, energy and organization in living systems, the behavior of organisms and biological evolution. Students will investigate biological concepts through experience in laboratories and field work using the processes of inquiry.

AP Biology – *Pre-requisites: Sophomore, Junior, Senior or teacher recommendation*

This course is designed to be the equivalent of a college introductory biology course usually taken by biology majors during their first year. The AP Biology course is designed to be taken by students after the successful completion of a first course in high school biology. It aims to provide students with the conceptual framework, factual knowledge and analytical skills necessary to deal critically with the rapidly changing science of biology. The topics covered on the course are molecules and cells, heredity and evolution and organisms and populations.

Chemistry

Advanced Chemistry

The Chemistry curriculum is designed to continue student investigations of the physical sciences that began in grades K-8 and provide students the necessary skills to be proficient in chemistry. This curriculum includes more abstract concepts such as the structure of atoms, structure and properties of matter, characterization of the properties that describe solutions and the nature of acids and bases and the conservation and interaction of energy and matter. Students investigate chemistry concepts through experience in laboratories and field work using the processes of inquiry.

AP Chemistry – *Prerequisite: Junior, Senior or teacher recommendation*

This course is designed to be the equivalent of the general chemistry course usually taken during the first college year. Students should attain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. AP chemistry students should study topics related to the structure and states of matter, chemical reactions and descriptive chemistry.

Physics

Advanced Physics

The physics curriculum is designed to continue student investigations of the physical sciences that began in grades K-8 and provide students the necessary skills to be proficient in physics. This curriculum includes more abstract concepts such as interactions of matter and energy, velocity, acceleration, force, energy, momentum and charge. This course introduces the students to the study of the correction to Newtonian physics given by quantum mechanics and relativity. Students investigate physics concepts through experience in laboratories and field work using the processes of inquiry.

AP Physics 1 – *Students should have completed Geometry and be concurrently taking Advanced Algebra or an equivalent course.*

AP Physics 1 is an algebra-based introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy and power; mechanical waves and sound and introductory, simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills.

AP Physics 2 – *Students should have had AP Physics 1 or a comparable course.*

AP Physics 2 is an algebra-based introductory college-level physics course that explores topics such as fluid statistics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics and quantum, atomic and nuclear physics.

AP Physics C: Mechanics – *Pre-requisites: Junior, Senior or teacher recommendation*

This course should provide instruction in each of the following six content areas: kinematics; Newton's laws of motion; work, energy and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Laboratory experiences should be included as part of the instruction. Students taking this course should be able to: design experiments; observe and measure real phenomena; organize, display and critically analyze data; analyze sources of error and determine uncertainties in measurement; draw inferences from observations and data; and communicate results, including suggested ways to improve experiments and proposed questions for further study.

Earth Systems

Earth Systems Science is designed to continue student investigations that began in K-8 Earth Science and Life Science curricula and investigate the connections among Earth's systems through Earth history. This course develops the explanations of phenomena fundamental to the sciences of geology and physical geography, including the early history of the Earth, plate tectonics, landform evolution, the Earth's geologic record, weather and climate and the history of life on Earth. Instruction should focus on inquiry and development of scientific explanations, rather than mere descriptions of phenomena. Case studies, laboratory exercises, maps and data analysis should be integrated into units. Special attention should be paid to topics of current interest (e.g., recent earthquakes, tsunamis, global warming, price of resources).

Environmental Science
Advanced Environmental Science

The Environmental Science curriculum is designed to extend student investigations that began in grades K-8. This curriculum is extensively performance, lab and field-based. It integrates the study of many components of our environment, including the human impact on our planet. Instruction should focus on student data collection and analysis. Chemistry, physics, mathematical and technological concepts should be integrated throughout the course.

AP Environmental Science

The goal of this course is to provide scientific principles, concepts and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems and to examine alternative solutions for resolving and/or preventing them.

Human Anatomy/Physiology
Advanced Human Anatomy/Physiology

The human anatomy and physiology curriculum is designed to continue student investigations that began in grades K-8 and high school biology. This curriculum is extensively performance and laboratory based. It integrates the study of the structures and functions of the human body, however rather than focusing on distinct anatomical and physiological systems (respiratory, nervous, etc.) instruction should focus on the essential requirements for life. Areas of study include organization of the body; protection, support and movement; providing internal coordination and regulation; processing and transporting; and reproduction, growth and development. Chemistry should be integrated throughout anatomy and not necessarily taught as a standalone unit.

Physical Science

The Physical Science curriculum is designed to continue student investigations of the physical sciences and provide students the necessary skills to have a richer knowledge base in physical science. This course is designed as a survey course of chemistry and physics. This curriculum includes the more abstract concepts such as the conceptualization of the structure of atoms, motion and forces, and the conservation of energy and matter, the action/reaction principle and wave behavior.

Zoology

This is a laboratory based course that will survey the nine major phyla of the Kingdom Animalia. Morphology, taxonomy, anatomy and physiology of porifera, cnidaria, platyhelminthes, nematode, rotifer, annelid, bryozoa, mollusca, arthropods, echinodemata, hemichordate, chordat, agnatha, chondrichthyes, osteichthyes, amphibian, reptilian, aves and

mammalian will be investigated through comparative studies done during laboratory observations and dissections. Furthermore, students will compare and contrast methods used by organisms from different phyla to accomplish basic life processes.

Agriculture, Food and Natural Resources Career Cluster

Agriculture Education/Agriscience Courses

CCSD offers three pathways in the Agriscience Career Cluster:

Plant and Landscape Systems Pathway

Basic Agriculture Science

This course is designed as an introduction and support course for the Agriscience Pathway Program of Study. The course introduces the major areas of scientific agricultural production and research; presents problem solving lessons and introductory skills and knowledge in agricultural science and agri-related technologies. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

General Horticulture and Plant Science

This course is designed as an introduction for the Plant and Landscape Systems Pathway Program of Study. The course introduces the major concepts of plant and horticulture science. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities. **This course also fulfills the fourth science requirement.**

Nursery and Landscape

This course is designed to provide students with the basic skills and knowledge utilized by the green industry in nursery production and management and landscape design and management. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Plant and Floral Systems Design Pathway

Basic Agriculture Science (See Course Description Above)

General Horticulture and Plant Science (See Course Description Above)

Floral Design and Management

The final course in the pathway introduces systematic business procedures, design principles and production techniques used in retail and wholesale floral businesses. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Veterinary Science Pathway

Basic Agriculture Science (See Course Description Above)

Veterinary Science

The agricultural education course in veterinary science covers the basics of animal care. Topics covered include disease, parasites, feeding, shelter, grooming and general animal care. The target population is career preparatory students desiring to continue education after high school or to enter the workforce after graduation from high school. College preparatory students benefit from the course as an elective if they plan to enter college and pursue a degree to enter the veterinary professional. This course allows students entering the workforce after graduation from high school to develop entry-level skills to become employed and to continue education on the job.

Animal Science Technology/Biotechnology

This course is designed to introduce students to the scientific principles that underlie the breeding and husbandry of agricultural animals, and the production, processing and distribution of agricultural animal products. This course

introduces scientific principles applied to the animal industry; covers reproduction, production technology, processing and the distribution of agricultural animal products. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Science, Technology, Engineering and Mathematics Cluster

Engineering and Technology (Robotics Pathway)

Foundations of Engineering and Technology

This is the introductory course for all Engineering and Technology Education pathways. This course provides students with opportunities to develop fundamental technological literacy as they learn about the history, systems and processes of invention and innovation.

Engineering Concepts

Engineering Concepts is second course in the engineering pathway. This course introduces students to the fundamental principles of engineering. Students learn about areas of specialization within engineering and engineering design, and apply engineering tools and procedures as they complete hands-on instructional activities.

Engineering Applications

This final course in the pathway further develops and enhances level-two skills through specialized experiences in a particular field, medium or type of layout.

Transportation, Distribution and Logistics Career Cluster (Cedar Shoals High School only)

Automobile Maintenance and Light Repair Pathway

There are three courses in this Pathway, which include classroom and laboratory experiences enabling students to develop technical and academic skills for preparation for employment in the automotive services industry.

Basic Maintenance and Light Repair

This is the foundational course for the pathway. Students will learn the basic skills needed to gain employment as a maintenance and light repair technician. Students will be exposed to courses in automotive preventative maintenance, servicing and replacing brakes, and steering and suspension components. In addition, general electrical system diagnosis, electrical theory and performing basic engine diagnostics will be learned, as well as evacuating and recharging air-conditioning systems using the proper refrigerant. The hours completed in this course are aligned with ASE/NATEF standards and are a base for the entry-level technician.

Maintenance and Light Repair II

Students will continue their study and practice of basic maintenance and light repair concepts and theory. Further exploration of diagnostic testing on the systems learned in the foundation class will enable students to hone their automotive maintenance skills and learn more about determining the correct action based on the outcome of diagnostic testing. Students will also demonstrate employability skills required by business and industry. The prerequisite for this course is Basic Maintenance and Light Repair.

Maintenance and Light Repair III

In this last course of the pathway, students will master the skills required for becoming an entry-level technician. In addition to the systems learned in the first and second courses, students will perform general automatic and manual transmission repair, demonstrate knowledge of general engine repair in a variety of automobile engine types including hybrids, as well as analyze the engine performance utilizing the various technology tools they would encounter as an employee of an automotive service company. Students will also continue their study of employability skills that will prepare them for college and/or career possibilities.

Social Studies

American Government/Civics
Advanced American Government/Civics
An in-depth study of the American political system. This course focuses on the foundation, principles and structure of the American system of government, examines the role of political parties, social factors as they relate to the role of the citizen and analyzes the decision-making process that are a part of the system of American political behavior. This course meets the state's citizenship requirement for graduation.

AP Government/Politics: United States
Conforms to College Board topics for the AP United States Government and Politics examination. Covers federalism, separation of powers, influences on the formulation and adoption of the Constitution, political beliefs, political parties and elections, interest groups, institutions and policy processes and civil liberties and civil rights.

World History
Advanced World History
A survey course beginning with the earliest civilizations and highlighting important developments throughout the world until the early 21st century. The course includes topics related to early civilizations and classical empires; growth, expansion and the emergence of the modern world; global interaction and conflict and the contemporary world.

AP World History
Conforms to the College Board topics for AP World History. Includes study of cultural, political, social and economic history. Stresses research and writing skills.

United States History
Advanced United States History
Examines the history of the United States beginning with the British settlement of North America. The course's main focus is the development of the United States in the 20th and 21st centuries. The course includes topics related to colonization through the Constitution; New Republic to reconstruction; industrialization, reform and imperialism; establishment as a world power and the modern era.

AP United States History
Conforms to College Board topics for the AP United States History examination. Covers discovery and settlement, colonial society, the American Revolution, Constitution and the New Republic, Age of Jefferson, nationalism, sectionalism, territorial expansion, Civil War, reconstruction, industrialization, Progressive Era, World War I, Depression, New Deal, World War II and The Cold War.

Economics/Business/Free Enterprise
Advanced Economics/Business/Free Enterprise
An introductory course into the principles of economics. The course includes topics related to fundamental economics concepts, microeconomics, macroeconomics, international economics and personal finance economics.

AP Macroeconomics
Conforms to College Board topics for the AP Macroeconomics examination. Covers basic economic concepts, measurement of economic performance, national income and price determination and international economics and growth. (may substitute for 45.06100)

Psychology

Investigates the principles of psychology, developmental psychology, heredity and environmental aspects of psychology, learning theory, personality, intelligence, social disorders and research methods used in the study of psychology; integrates and reinforces social studies skills.

AP Human Geography

Students will be introduced to the systematic study of patterns and processes that have shaped human understanding, use and alteration of the Earth's surface. Students will employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. Students will learn about the methods and tools geographers use in their science and practice.

Fine Arts

Intermediate Band I-II
Advanced Band
Mastery Band
Courses focus on the development and refining of performance skills and precision on a wind or percussion instrument at progressing levels. Emphasizes performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and music appreciation. Stresses individual, self-paced progress and ensemble experiences.

Beginning Chorus I-II
Intermediate Chorus I-II
Advanced Chorus I- II
Courses focus on the development of performance skills and knowledge in mixed choral singing at progressing levels. Emphasizes performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and music appreciation. Stresses individual progress and group experiences.

Intermediate Choral Ensemble
Advanced Choral Ensemble
Courses offer opportunities for intermediate-level performers to increase performance skills and knowledge in large group choral singing at progressing levels. Emphasizes performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and music appreciation. Stresses individual progress and group experiences offering large and small ensemble experiences.

Dramatic Arts/Fundamentals I-II
Courses develop and apply performance skills through access to basic vocal, physical and emotional exercises including improvisation, scene study and related technical art forms. Opportunities in upper level courses include producing and studying children's theater and literature as related to theater with performance opportunities, as well as opportunities to produce and write plays for presentation exploring the role of the playwright.

Dramatic Arts/Acting I- II
Courses focus on advanced acting process stressing the development of imagination, observation, concentration powers and self-discipline. Includes developing physical and vocal control while transmitting emotions, convictions and ideas enhancing self-confidence and self-awareness. Focuses on classical and historical scene study.

Dramatic Arts/Advanced Drama I-II
Courses focus on acting and theater as disciplined art forms, covering methods to observe and understand human behavior and to use those observations to create a character. Includes basic techniques of stage movement and use of physical expression for communication and enhances vocal techniques and specific patterns for better verbal communication. Uses historical, textual and improvisational studies.

Dramatic Arts/Musical Theatre I-II
Courses focus on the style and characteristic elements of modern musical theater covering production, staging, orchestration, voice and dance. Provides an opportunity for team teaching through interdisciplinary collaboration with the chorus, band, art, technology, physical education and dance instructors. Offers opportunity for performance.

Dramatic Arts/Technical Theatre I-II
These courses include the technical considerations of play production; covers properties, lighting and settings, program, box office, marketing, management, make-up and costumes, including include make-up design, costume construction, set development and management of production staff.

Intermediate Jazz I-II
Advanced Jazz I-II
Courses offer opportunities for intermediate-level performers to increase performance skills and knowledge on instruments or voice in a jazz idiom. Emphasizes performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music (especially improvisation and composition) and music appreciation. Emphasizes jazz as an indigenous American art form and a major component of our cultural heritage. Stresses individual, self-paced progress and ensemble experiences.

Beginning Keyboard Techniques
Intermediate Keyboard Techniques
Advanced Keyboard Techniques
Courses focus on piano keyboard techniques covering performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and music appreciation at progressing levels. Provides an individualized setting.

Modern Dance I-IV
Courses focus on modern dance covering shape, form, line and experimentation with individual expression and creativity. Stresses aesthetic perception, creative expression and performance, historical and cultural heritage and aesthetic judgment and criticism. Upper level courses emphasize intermediate and advanced-level technical skills, speed and quality of movement, complex combinations, improvisational performance technique, the development of individual style and artistic growth. Offers performing and observation opportunities.

Beginning Music Technology
Students will learn the concepts of music technology and its use in current music production methods.

Beginning Guitar
Intermediate Guitar
Advanced Guitar
Courses allow students to apply their skills in four major categories: skills and techniques/performance, creation, critical analysis and cultural and historical context. Students will read and notate music and perform alone and with others in a variety of musical genres.

Music Technology
Intermediate Music Technology
Advanced Music Technology
Courses will focus on the concepts of music technology and its use in current music production methods. Intermediate and advanced courses will incorporate MIDI protocol, multi-track compositions using sequencing software, song accompaniments, notation software and operational techniques for sound reinforcement systems.

AP Music Theory
Conforms to College Board topics for the AP Music Theory examination. Covers terminology and notational skills, writing skills, visual analysis and aural skills and advanced levels of understanding.

Intermediate Beginning Orchestra I-II
Advanced Beginning Orchestra
Mastery Orchestra
Courses focus on the development of performance skills and precision on orchestral stringed instruments at progressing levels. Emphasizes performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and music appreciation. Stresses individual, self-paced progress and ensemble experiences.

Visual Arts Comprehensive I-III
Courses focus on art history, art criticism, aesthetic judgment and studio production. Emphasizes the ability to understand and use elements and principles of design through a variety of media, processes and visual resources. Explores master artworks for historical and cultural significance and examines the role of art and the artist in past and contemporary societies.

Visual Arts Drawing and Painting I-II
Drawing and painting techniques and a variety of drawing and painting media are introduced. Stresses critical analysis of master paintings and drawings of different styles and historical periods; emphasizes problem-solving techniques to achieve desired results in personal work. Level II stresses critical analysis of master paintings and drawings of different styles and historical periods; emphasizes problem-solving techniques to improve techniques and mastery of materials.

Visual Arts Drawing I-II
Courses explore a variety of drawing techniques and media emphasizing the development of basic drawing skills and critical analysis skills for responding to master drawings of different historical styles and periods. Examines solutions to drawing problems through student drawings and those of other artists.

Visual Arts Painting I-II
Courses explore a variety of techniques and wide range of painting media emphasizing the development of basic painting and critical analysis skills for responding to master paintings of different styles and historical periods. Examines solutions to painting problems through the study of the color theory and composition. Emphasizes the concept and development of personal style.

AP Studio Art: Drawing – *Pre-requisite: Visual Arts Drawing/Painting II*
Conforms to College Board topics for the AP Studio Art Drawing Portfolio examination. Requires submission of original works and slides to be evaluated on quality. Provides experiences using different drawing media and approaches; designed for students interested in the practical experiences of art.

AP Art History
The focus of the AP Art History course is the functions and effects of art. Students consider influential forces like patronage, politics, class, belief, gender and ethnicity in their analysis of art forms. They examine styles, techniques, themes and chronology, comparing and contrasting art forms from various perspectives. Students explore a specific set of 250 works of art in 10 content areas beginning with art from global prehistory and ending with global works from the present.

Graphic Design Pathway

Introduction to Graphics and Design
The goal of this course is to provide all students with an introduction to the principles of graphic communications and design and its place in the world. This course should also help students to use computers effectively, thus providing a foundation for successfully integrating their own interests and careers with the resources of a technological society. They can learn the theories behind creating aesthetically pleasing designs and how to work with consumers.

Graphic Design and Production
This course focuses on the procedures commonly used in the graphic communication and design industries. Students will gain experience in creative problem-solving and the practical implementation of those solutions across multiple areas of graphic communications.

Advanced Graphic Design
Students will continue to explore the principles of design and layout procedures as they relate to graphic design. Content will cover electronic systems and software programs used in graphic design, page composition, image conversion and

digital printing. Knowledge and skills in digital design and imaging will be enhanced through experiences that simulate the graphic design industry and school-based and work-based learning opportunities.

Commercial Arts Pathway

Commercial Art I

This course introduces design art and copy layouts for visual communications media such as books, magazines, newspapers, television and packaging. It covers how to plan presentation of material, product or service, to determine size and arrangement of illustrative material and copy, to select style and size of type and to arrange layout based on space, layout principles and esthetic design concepts.

Commercial Art II

This course enhances introductory skills; covers how to design finished layout, prepare notes and instructions for assembly workers and prepare final layouts for printing; how to review final layout and suggest improvements as needed, how to prepare illustrations or rough sketches, how to prepare a series of drawings to illustrate sequence and timing of story development for television production; and to mark up, paste and assemble final layouts for printer.

Commercial Art III

This course enhances the skills acquired in the level two course. Students will focus on a particular commercial art field, medium or type of layout (or may choose a combination of these three).

Health and Physical Education

Health and Personal Fitness
The health portion of this course explores the mental, physical and social aspects of life and how each contributes to total health and well-being. The course emphasizes safety, nutrition, mental health, substance abuse prevention, disease prevention, environmental health, family life education, health careers, consumer health and community health. In the physical education potion, instruction in methods to attain a healthy level of physical fitness is emphasized. The course covers how to develop a lifetime fitness program based on a personal fitness assessment and stresses strength, muscular endurance, flexibility, body composition and cardiovascular endurance. Includes fitness principles, nutrition, fad diets, weight control, stress management, adherence strategies and consumer information.

General Physical Education I-II
Courses focus on any combination or variety of team sports, lifetime sports, track and field events, aquatics/water sports, outdoor education experiences, rhythmic/dance, recreational games, gymnastics and self-defense. Provides basic methods to attain a healthy and active lifestyle.

Aerobic Dance
Courses provide opportunities to perform choreographic routines to music and to increase strength, cardiovascular and muscular endurance and flexibility. Includes fitness concepts for developing healthy lifetime habits and enhancing strength, cardiovascular endurance, flexibility, coordination and muscular endurance through aerobic dance. Emphasizes self-management and adherence strategies.

Body Sculpting
Provides methods to redefine body shape through specific exercises. Covers weight training, conditioning exercises and proper nutrition to improve muscle t1, muscle definition, posture, bodily proportions, overall condition of the body and increase energy levels. Based on the American College of Sports Medicine guidelines for fitness and conditioning programs.

Exercise and Weight Control
Provides safe, effective and physiologically sound ways to manage weight and alter metabolism and body composition, providing self-management and adherence strategies to continue weight control through a safe and effective exercise program. Includes consumer information on products, programs and fitness concepts for developing healthy lifetime habits.

Introduction to Lifetime Sports
Courses focus on fundamental skills, strategies and rules associated with lifetime sports such as bowling, golf, tennis, racquetball, baseball, badminton, roller skating and skiing.

Physical Conditioning
Provides opportunities to participate in a variety of activities to enhance flexibility, muscular strength and endurance, cardiovascular endurance and body composition. Includes fitness concepts for the development of healthy lifetime habits.

Introduction to Team Sports
Courses focus on fundamental skills, strategies and rules associated with team sports such as basketball, volleyball, soccer, softball, baseball, field hockey, lacrosse, team handball and flag football.

Weight Training
Courses focus on weight training; emphasizes strength development training and proper lifting techniques. Includes fitness concepts for developing healthy lifetime habits and increasing strength and cardiovascular fitness through an individualized weight training program. Emphasizes self-management and adherence strategies.

Military Science Courses

The mission of the Junior Reserve Officers' Training Corps (JROTC) is to "motivate young people to be better citizens." The JROTC program prepares students for responsible leadership roles while making them aware of their rights, responsibilities and privileges as American citizens. Three units of JROTC Army courses will satisfy the graduation requirement for Health and Physical Education.

JROTC Army I: Introduction to Leadership and Character Development

This course includes classroom instruction and laboratory instruction in the history, customs, traditions and purpose of Army JROTC. It contains the development of basic leadership skills to include leadership principles, values and attributes. Development of core skills students should master, an appreciation for diversity and active learning strategies are integrated throughout the course. Emphasis is placed on writing skills and oral communications techniques. Financial planning is introduced. Physical fitness, diet, nutrition, healthy lifestyles and awareness of substance abuse and prevention and basic first aid measures are additional content areas. An overview of geography and the globe are incorporated. Also included is a study of the US Constitution, Bill of Rights, responsibilities of US citizens and the federal justice system.

JROTC Army II: Intermediate Life Skills, Geography and Government

This course includes classroom instruction and laboratory instruction. This course introduces equal opportunity and sexual harassment. It provides instruction on leadership styles and practical time to exercise leadership theories as well as the basic principles of management. It provides self assessments that help students determine their skill sets and opportunities to teach using accepted principles and methods of instruction. It emphasizes community projects to assist in drug prevention efforts, includes dietary guidelines and fitness and introduces map-reading skills. It discusses the significant events that helped shape and develop the Constitution and government and teaches the role of political parties in the election process.

JROTC Army III: Advanced Leadership, Principles Of Management, Advanced Life Skills, Orienteering and History

This course includes classroom instruction and laboratory instruction. This course allows cadets to investigate the interrelationships of the services while it continues to build their leadership development and decision-making skills. It includes negotiation skills and management principles. It emphasizes staff procedures and provides leadership situations and opportunities to handle various leadership situations as well as preventing violence and managing anger. The research, identification, planning and execution of service learning activities are included. This course gives cadets the opportunity to apply basic concepts of career exploration strategies and planning. It teaches how to create a career portfolio and plan for college or work. Financial management principles are studied further. Skills for orienteering and/or land navigation are developed. Includes studies in the federal judicial system and how historical events shaped social systems.

JROTC Army IV: Leadership Seminar and Social Sciences

This course includes classroom instruction and laboratory instruction. It focuses on creating a positive leadership situation, negotiating, decision-making, problem solving, planning, team development, project management and mentoring. It provides the opportunity to demonstrate leadership potential in an assigned command or staff position within the cadet battalion organizational structure. It includes how to use emotional intelligence in leadership situations as well as how to maintain a positive attitude. It provides instruction on etiquette, daily planning, financial planning and careers. It includes requirements for the practical application of leadership duties. It emphasizes physical fitness through healthy individual and group competition. The interactions between groups of people and how they affect the area's cultural, economic and political characteristics are discussed. It explores various methods on determining distance, direction and locations as well as environmental issues. Concepts of democracy and freedom and how to influence local governments are discussed.

JROTC Army V: MOWW Focus Curriculum, Service Learning and Community Service

This course includes classroom instruction and laboratory instruction in teamwork, Maslow's hierarchy of needs, speaking and writing, developing potential, self-image, self-esteem and personal values, creating your own success, setting goals, developing dental hygiene and appreciation of music, learning how to study search for a career and write a resume, study smart, build a team, resolve conflicts and perform community service.

Modern/Classical Languages

French I-IV – *Pre-requisite for levels II-IV: French at the previous level or teacher recommendation*
Advanced French II-IV
Courses focus on the French language emphasizing listening, speaking, reading and writing skills and provides opportunities to develop these skills in an integrated way. Provides language development through exploration of familiar and unfamiliar topics as well as opportunities to develop an understanding of French-speaking cultures.

AP French – *Pre-requisite: French IV or teacher recommendation*
Conforms to College Board topics for the AP French Language examination. Emphasizes using the language for active communication. Stresses the ability to understand French in various contexts, to develop a vocabulary sufficient for reading newspapers, magazines, literary texts and other nontechnical writing and to express oneself in speech and in writing coherently, fluently and accurately.

Spanish I-V – *Pre-requisite for levels II-IV: Spanish at the previous level or teacher recommendation*
Advanced Spanish II-V
Courses focus on the Spanish language emphasizing listening, speaking, reading and writing skills and provides opportunities to develop these skills in an integrated way. Provides language development through exploration of familiar and unfamiliar topics as well as opportunities to develop an understanding of Spanish-speaking cultures.

AP Spanish Language and Culture – *Pre-requisite: Spanish IV or teacher recommendation*
Conforms to College Board topics for the AP Spanish Language examination. Emphasizes the ability to comprehend formal and informal spoken Spanish, to acquire the vocabulary and grasp of structure to read newspapers, magazines and Hispanic literature, to compose expository passages and to speak accurately and fluently.

AP Spanish Literature and Culture – *Pre-requisite: Spanish IV or teacher recommendation*
Conforms to College Board required authors and selected works for the AP Spanish Literature examination. Emphasizes the ability to understand a lecture in Spanish and discuss literary topics in Spanish, to read Hispanic literary texts in all genres and to analyze critically form and content of literary works orally and in writing using appropriate terminology.

Spanish for Native Speakers Level I
Spanish for Native Speakers Level II
Designed for Heritage Language Learners of Spanish, this course can accommodate a wide range of Heritage language learners. The recommended entrance requirement for the beginning level is at the intermediate to mid level of proficiency in listening comprehension on the American Council on the Teaching of Foreign Languages (ACTFL) scale. This course will develop reading, writing, speaking and listening skills. The student will also develop an awareness and understanding of Hispanic cultures, such as language variations, customs, geography and current events.

Latin I-IV – *Pre-requisite for levels II-IV: Latin at the previous level*
Courses focus on the Latin language emphasizing the ability to write Latin phrases and to understand Latin passages presented orally and in writing. Emphasizes ancient Roman language and civilization and how it has influenced Western language and civilization. Courses III-IV introduce works by Latin authors and explore the political, economic, social characteristics represented in the works studied and examines the various writing styles of the authors.

AP Latin: Vergil – *Pre-requisite: Latin III*
Conforms to College Board required reading for the AP Latin examination. Covers Vergil's Aeneid and emphasizes the ability to translate accurately, to interpret critically, to read aloud with attention to pauses and phrasing, to scan Latin hexameter verse and to demonstrate mastery of Latin syntax through written translations.

Non-Departmental Courses

Internship I-IV *Pre-requisite: Application and approval by gifted coordinator*

Academic internships are academic electives used in local systems when the high school's regular course descriptions are insufficient to meet the needs of the most academically able and most highly motivated students. School system employees assist individual gifted students in securing positions in a professional workplace where they can pursue advanced academic knowledge and skills in areas of interest. The learning objectives of the internship are developed jointly by the student, gifted program personnel, department faculty at the high school and central office curriculum staff. A school system employee with the gifted education endorsement supervises students participating in a Gifted Internship course; an individual in the workplace must also agree to communicate with the student and his/her faculty advisor regarding the student's performance. An individual student contract is reviewed and approved (if acceptable) by a district wide committee. The student contract must include specific learning goals and objectives, a plan for achieving the objectives, a proposal for a final project or product, a plan for professional presentation of the product and the criteria by which the product will be evaluated.

Community Service/Learning I-II

These courses provide elective credit to students who show an interest in community-based service or projects.

Study Skills I-IV

Each course introduces and reinforces methods to improve skills in test taking, note taking, time management, problem solving, decision-making, active listening, goal setting and organization. Emphasizes applying skills in content-specific areas and improving reading and writing skills and preparation for standardized tests including Milestones, EOCs, PSAT and the SAT.

Peer Leadership I

This course is designed to provide students with student government and academic leadership opportunities both in and outside of the classroom.

Classic City High School

Program Description

Classic City High School students have a variety of learning options by accessing digital learning environments through large group, small group, individualized and independent instructional opportunities. The school is located on the recently-renovated historic H.T. Edwards campus.

Students at Classic City High School use a variety of technology tools that allow personalization and flexibility in scheduling. In addition, classes are open to students enrolled in the Athens Community Career Academy.

Classic City High School offers a separate virtual academy for students who wish to be independent and complete their work at other times and in different settings compared to a traditional school day. Students who wish to engage in a virtual learning environment to earn their high school diploma must enroll as students at the Classic City High School but would not typically be required to attend a session on campus unless required for state assessments. Students enrolled in Classic City Virtual High School program will use the curriculum developed by the Georgia Virtual School program through a unique partnership between the Georgia Department of Education. Students in this program can earn a Classic City High School Diploma that is awarded by the Clarke County School District.

Athens Community Career Academy

Program Description:

The Athens Community Career Academy (ACCA) offers a unique and innovative experience to all Clarke County School District high school students. ACCA was named Georgia's College and Career Academy of the Year in 2014. The ACCA is a partnership between the Clarke County School District, Athens Technical College and the University of Georgia. Here, students have the opportunity to enroll in core academic college courses, take career-themed college certification courses and participate in unique internships. Below are the pathways and program offerings.

College Pathways offered at the Athens Community Career Academy:

Courses are transferable to institutions within the Technical College System of Georgia. Students may earn a Technical Certificate of Credit (TCC), Diploma or Associate's Degree (A.S.) in the fields below:

Business Management (A.S.)
Computer Repair Specialist (TCC)
Criminal Justice Technology (TCC)
Early Childhood Care and Education (TCC)
Early College Essentials (TCC)
Emerging Technologies- Video Game Design (TCC)
Engineering Technology (TCC)
Healthcare Access Representative (TCC)
Interior Design Technology (TCC)
Mechatronics Technician (TCC)

High School Pathways offered at the Athens Community Career Academy:

Culinary Arts
Audio and Video Technology and Film
Healthcare Support Services

Targeted Pathways offered at the Athens Technical College Main Campus:

Automotive Collision Technician (Diploma)
Biological Sciences Lab Technician (TCC)
Cosmetology Shampoo Technician (TCC)
Hospitality Management (A.S.)
Office Accounting Specialist (TCC)
Quality Assurance Specialist (TCC)
Sports Management/Marketing (TCC)

Placement Testing

It is an Athens Technical College requirement that students take the ACCUPLACER or an equivalent test prior to admission. The ACCUPLACER is a computer-adaptive exam that evaluates a student's' skill levels in reading, writing and mathematics, and determines whether students are program-ready or require learning support.

The home high schools will offer students in 9th and 10th grades instruction to assist them in preparing for the ACCUPLACER, and for college-level coursework in general.

Coursework Information

College Coursework

It is the goal of the Athens Community Career Academy that all students attending the Career Academy will take college courses, in one of two paths: Entry Level 1 and 2. In both pathways, students will engage in college-level coursework.

- Entry Level 1: High School students who meet Athens Technical College (ATC) entrance requirements will directly enroll in a career pathway offered by ATC. Entry Level 1 refers to students directly enrolling in college courses.
- Entry Level 2: High School students will enroll in introductory Clarke County School District high school CTAE courses that may lead to college credit in ATC Career Pathways. Students in this entry choice will have additional time to meet ATC entrance requirements. Enrollment in this pathway is subject to successful completion of high school courses.

**Note: In order to offer college level courses at the Career Academy, Clarke County School District must meet a minimum number of enrolled students in each course. In order to offer a wide array of pathways to interested students, Career Academy administration may at times permit Athens Technical College adult students to enroll in courses.*

Courses by Pathway

These courses are offered at the Career Academy. No Career Academy courses will be offered at Cedar Shoals High School or Clarke Central High School.

Automotive Collision Technician Pathway (AB51)

Course	College Credit Hours
FSSE 1000: First Semester Seminar	3
ACRP 1000: Introduction to Auto Collision Repair	4
ACRP 1015: Fundamentals of Automotive Welding	4
ACRP 1017: Mechanical and Electrical Systems I	4
ACRP 1005: Automobile Component Repair and Replacement	4
ACRP 1010: Foundations of Collision Repair	5
ACRP 1019: Mechanical and Electrical Systems II	5
Totals	29

Business Management Pathway

Associate Degree

Course	College Credit Hours
FSSE 1000: First Semester Seminar	3
ENGL 1101: Composition and Rhetoric	3
POLS 1101: Political Science	3
COMP 1000: Introduction to Computers	3
MATH 1127: Introduction to Statistics	3
PSYC 1101: Introduction to Psychology	3
MGMT 1100: Principles of Management	3
ECON 2106: Microeconomics	3
ENGL 1105: Technical Communications	3
ACCT 1100: Financial Accounting I	4
MGMT 1120: Introduction to Business	3
ACCT 1120: Spreadsheet Applications	4
MGMT 1115: Leadership	3
SPCH 1101: Public Speaking	3
ACCT 2140: Legal Environment of Business	3
ARTS 1101: Art Appreciation	3
MGMT 1105: Organizational Behavior	3
MGMT 1125: Business Ethics	3
MGMT 2145: Business Plan Development	3
MGMT 2130: Employee Training and Development	3
MKGT 2210: Entrepreneurship	6
MKGT 2270: Retail Operations Management	3
Totals	65

Cosmetology Shampoo Technician Pathway (ST11)

Course	College Credit Hours
COSM 1000: Introduction to Cosmetology Theory	4
COSM 1020: Hair Care and Treatment	3
COSM 1040: Styling	3
COSM 1120: Salon Management	3
Total	14

Criminal Justice Pathway
Criminal Justice Fundamentals (CJ71)

Course	College Credit Hours
CRJU 1010: Introduction to Criminal Justice	3
CRJU 1030: Corrections	3
CRJU 1040: Principles of Law Enforcement	3
COMP 1000: Introduction to Computers	3
Totals	12

Early Childhood Care and Education Pathway
Early Childhood Care and Education Basics (EC31)

Course	College Credit Hours
ECCE 1103: Child Growth and Development	3
ECCE 1101: Introduction to Early Childhood Care and Education	3
ECCE 1105: Health, Safety and Nutrition	3
Totals	9

Early College Essentials Pathway
Early College Essentials TCC (EC21)

Course	College Credit Hours
BIOL 1111/1111L or CHEM 1151/1151L: Biology or Chemistry	4
COMP 1000: Introduction to Computers	3
ENGL 1101: Composition and Rhetoric	3
MATH 1101 or MATH 1111: Math Modeling or College Algebra	3
PSYC 1101: Introduction to Psychology	3
ARTS 1101: Art Appreciation	3
Total	15

Emerging Technologies Pathway
Video Game Design Specialist TCC

Course	College Credit Hours
EMTX 1000: Tech Driven Problem Solving	4
CIST 2751: Game Development I	4
CIST 2752: Game Development II	4
EMTX 2010: Introduction to Wearable Computing and AR	4
Total	16

Engineering Technology (EBT1)

Course	College Credit Hours
ENGL 1101: Composition and Rhetoric	3
ENGT 1000: Introduction to Engineering Technology	3
FSSE 1000: First Semester Seminar	3
MATH 1111: College Algebra	3
MATH 1113: Precalculus	3
DFTG 1101: CAD Fundamental	4
BIOL 1111: Biology I and Lab	4
Total	23

Healthcare Pathway
Healthcare Access Representative TCC

Course	College Credit Hours
ALHS 1090: Medical Terminology for Allied Health Sciences	2
BUSN 1015: Introduction to Medical Insurance	4
HIMT 1105: Essentials of Healthcare Access Services	3
HIMT 1150: Computer Applications in Healthcare	3
HIMT 1205: Review and Practice for the CHAA Exam	2
Total	14

Hospitality Management Pathway
Associate Degree

Course	College Credit Hours
FSSE 1000: First Semester Seminar	3
ENGL 1101: Composition and Rhetoric	3
ARTS 1101: Art Appreciation	3
COMP 1000: Introduction to Computers	3
MATH 1127: Introduction to Statistics	3
PSYC 1101: Introduction to Psychology	3
COMM 1500: Introduction to Interpersonal Communication OR SPCH 1101: Public Speaking	3
HRTM 1001: Introduction to Hospitality Management	3
HRTM 1160: Food and Beverage Management	3
HRTM 1130: Business Etiquette	3
HRTM XXX: Food and Beverage Management II	3
HRTM 1130: Tourism in Georgia	3
HRTM 1150: Event Planning	3
HRTM XXX: Applied Apprenticeship I	3
HRTM 1220: Supervision & Leadership	3
HRTM XXX: Applied Apprenticeship II	3
HRTM 1210: Hospitality Law	3
HRTM 1170: Hospitality Accounting	3
HRTM 1201: Hospitality Marketing	3
HRTM XXX: Applied Apprenticeship III	3
HRTM XXX: Food & Beverage Management II	3
Totals	60

Interior Design Pathway
Interior Design Technology TCC (IT31)

Course	College Credit Hours
INDS 1100: Technical Drawing	4
INDS 1115: Technical Drawing for Interior Designers	4
INDS 1145: CAD Fundamentals for Interior Design	3
INDS 2210: Design Studio I	3
Total	14

Mechatronics Pathway

Mechatronics Technician TCC (MT21)

Course	College Credit Hours
IDSY 1005: Introduction to Mechatronics	6
IDSY 1170: Industrial Mechanics	5
IDSY 1190: Fluid Power and Piping Systems	5
Total	16

Office Accounting Specialist (OA31)

Course	College Credit Hours
ACCT 1100: Financial Accounting I	4
ACCT 1105: Financial Accounting II	4
ACCT 1115: Computerized Accounting	3
COMP 1000: Introduction to Computers	3
Total	14

PC Repair and Network Technician (PR21) with COMPTIA A+ Certification

Course	College Credit Hours
CIST 1001: Computer Concepts	4
CIST 1122: Hardware Installation and Maintenance	4
CIST 1130: Operating Systems Concepts	3
CIST 1401: Computer Network Fundamentals	4
COMP 1000: Introduction to Computers	3
Total	18

Sports Management Pathway (RM21)

Course	College Credit Hours
COMP 1000: Introduction to Computers	3
MKTG 1160: Professional Selling	3
MKTG 1280: Introduction to Sports and Recreation Management	3
MKTG 2080: Regulations and Compliance in Sports	3
MKTG 2180: Principles of Sports Marketing	3
MKTG 2280: Sports Management	3
Total	18

Athens Technical College Course Descriptions

General Academic Courses (Not Specific to a Pathway)

ARTS 1101: Art Appreciation
This course explores the visual arts and the relationship to human needs and aspirations. Students investigate the value of art, themes in art, the elements and principles of composition and the materials and processes used for artistic expression. Well-known works of visual art are explored. The course encourages student interest in the visual arts beyond the classroom.

BIOL 1111/1111L: Biology I and Biology Lab
Provides an introduction to basic biological concepts with a focus on living cells. Topics include chemical principles related to cells, cell structure and function, energy and metabolism, cell division, protein synthesis, genetics and biotechnology.
1111L: Selected laboratory exercises paralleling the topics in BIOL 1111. The laboratory exercises for this course include chemical principles related to cells, cell structure and function, energy and metabolism, cell division, protein synthesis, genetics and biotechnology.

CHEM 1151/1151L: Chemistry I and Chemistry Lab
Provides an introduction to basic chemical principles and concepts which explain the behavior of matter. Topics include measurement, physical and chemical properties of matter, atomic structure, chemical bonding, nomenclature, chemical reactions, stoichiometry and gas laws.
1151L: Selected laboratory exercises paralleling the topics in CHEM 1211. The laboratory exercises for this course include measurement, physical and chemical properties of matter, atomic structure, chemical bonding, nomenclature, chemical reactions, stoichiometry and gas laws.

ECON 2105: Macroeconomics
This course provides a description and analysis of macroeconomic principles and policies. Topics include basic economic principles, macroeconomic concepts, equilibrium in the goods and money markets, macroeconomic equilibrium and the impact of fiscal and monetary policies.

ECON 2106: Microeconomics
This course provides an analysis of the ways in which consumers and business firms interact in a market economy. Topics include basic economic principles; consumer choice; behavior of profit maximizing firms; modeling of perfect competition and monopoly, oligopoly and monopolistic competition.

ENGL 1101: Composition and Rhetoric
Explores the analysis of literature and articles about issues in the humanities and in society. Students practice various modes of writing, ranging from exposition to argumentation and persuasion. The course includes a review of standard grammatical and stylistic usage in proofreading and editing. An introduction to library resources lays the foundation for research. Topics include writing analysis and practice, revision and research. Students write a research paper using library resources and using a formatting and documentation style appropriate to the purpose and audience.

ENGL 1102: Literature and Composition
Emphasizes the student's ability to read literature analytically and meaningfully and to communicate clearly. Students analyze the form and content of literature in historical and philosophical contexts. Topics include reading and analysis of fiction, poetry and drama; research; and writing about literature.

HIST 2111/2112: US History I and II

This course emphasizes the study of US History to 1877 to include the Civil War and reconstruction. The course focuses on the period from the Age of Discovery through the Civil War to include geographical, intellectual, political, economic and cultural development of the American people. It includes the history of Georgia and its constitutional development. Topics include colonization and expansion; the Revolutionary Era; the New Nation; nationalism, sectionalism and reform; the Era of Expansion; and crisis, Civil War and reconstruction.

2112: Emphasizes the study of the social, cultural and political history of the United States from 1865 to the beginning of the twenty-first century and will equip the student to better understand the problems and challenges of the contemporary world in relation to events and trends in modern American history. The course also provides an overview of the history of Georgia and the development of its constitution. Topics include the Reconstruction Period; the great West, the new South and the rise of the debtor; the Gilded Age; the progressive movement; the emergence of the US in world affairs; the Roaring Twenties; the Great Depression; World War II; the Cold War and the 1950's; the 1960's and 1970's; and America since 1980.

MATH 1101: Mathematical Modeling

This course emphasizes functions using real-world applications as models. Topics include the fundamental concepts of algebra; functions and graphs; linear, quadratic, polynomial, exponential and logarithmic functions and models; systems of equations; and additional topics in algebra.

MATH 1111: College Algebra

This course emphasizes techniques of problem solving using algebraic concepts. Topics include fundamental concepts of algebra, equations and inequalities, functions and graphs and systems of equations and analytic geometry.

MATH 1113: Pre-Calculus – *Pre-requisite: MATH 1111 or equivalent*

This course prepares students for calculus. The topics discussed include an intensive study of polynomial, rational, exponential, logarithmic and trigonometric functions and their graphs. Applications include simple maximum and minimum problems, as well as exponential growth and decay.

MATH 1127: Introduction to Statistics

This course emphasizes the concepts and methods fundamental to utilizing and interpreting commonly used statistics. Topics include descriptive statistics, basic probability, discrete and continuous distributions, sampling distributions, hypothesis testing, chi square tests and linear regression.

MATH 1131: Calculus – *Pre-requisite: MATH 1113 or equivalent*

This course includes the study of limits and continuity, derivatives and integrals of functions of one variable. Applications are incorporated from a variety of disciplines. Students will study algebraic, trigonometric, exponential and logarithmic functions.

POLS 1101: American Government

This course emphasizes the study of government and politics in the United States. The course provides an overview of the Constitutional foundations of the American political processes with a focus on government institutions and political procedures. It will examine the constitutional framework, federalism, civil liberties and civil rights, public opinion, the media, special interest groups, political parties and the election process. The course also studies the three branches of government. In addition, this course will examine the processes of Georgia state government. Topics include foundations of government, political behavior and governing institutions.

PSYC 1101: Introductory Psychology

Introduces the major fields of contemporary psychology. Emphasis is on fundamental principles of psychology as a science. Topics include research design, the organization and operation of the nervous system, sensation and perception, learning and memory, motivation and emotion, thinking and intelligence, lifespan development, personality,

psychopathology and interventions, stress and health and social psychology.

SPCH 1101: Public Speaking
This course introduces students to the fundamentals of oral communication. Topics include selection and organization of materials, preparation and delivery of individual and group presentations, analysis of ideas presented by others and professionalism.

Automotive Collision Technician Pathway

FSSE 1000: First Semester Seminar
This course is designed to introduce first-time college students to the campus resources and academic skills necessary to achieve their educational and career goals. Emphasis is placed on promoting connections between student needs and college resources, and the development of college-level learning and success skills (study skills, career exploration, goal planning, time management, financial planning). Through the use of academic strategies and self-discovery, students will acquire knowledge and skills to help them succeed in college and in life. Additionally, this course introduces the fundamental concepts and operations necessary to use computers. The course emphasizes word processing, spreadsheet, and presentation software; the internet; and utilizing the college's learning management system and student information system.

ACRP 1000: Introduction to Auto Collision Repair
This course provides instruction in the procedures and practices necessary for safe and compliant operation of auto collision repair facilities. It introduces the structural configuration and identification of the structural members of various unibodies and frames used for automobiles. The course also covers the equipment and hand tools used in collision repair tasks.

ACRP 1015: Fundamentals of Automotive Welding
This course introduces welding and cutting procedures used in auto collision repair. Instructors place emphasis on MIG welding techniques through a variety of different procedures

ACRP 1017: Mechanical and Electrical Systems I
This course introduces suspension and steering, braking, and drive train systems found on vehicles typically requiring repair from damages incurred through automobile collisions.

ACRP 1005: Automobile Component Repair and Replacement
This course provides instruction in removal and replacement methods of a variety of non-structural cosmetic and safety features of the automobile, as well as bolt-on body panels.

ACRP 1010: Foundations of Collision Repair
This course introduces the materials, tools, and operations required to repair minor collision damage, and it provides instruction in metallic and nonmetallic auto body repair techniques.

ACRP 1019: Mechanical and Electrical Systems II
This course introduces the various electrical, heating and AC, engine cooling, fuel and intake and restraint systems found on vehicles typically requiring repair from damages incurred through automobile collisions.

Biological Sciences Lab Technician Pathway

BIOL 1111: Biology I
This course introduces basic biological concepts with a focus on living cells. Topics include chemical principles related to cells, cell structure and function, energy and metabolism, cell division, protein synthesis, genetics and biotechnology.

BIOL 1111L: Biology I Lab
This course includes selected laboratory exercises paralleling the topics in BIOL 1111. The laboratory exercises include chemical principles related to cells, cell structure and function, energy and metabolism, cell division, protein synthesis, genetics and biotechnology.

BTEC 2130: Basic Laboratory Calculations
This course prepares students to perform laboratory math calculations required for entry-level technical positions in biotechnology companies and research laboratories. Practice problems emphasize a review of basic math concepts, units of measurement and conversions, and methods for preparing laboratory solutions. The course is primarily organized around laboratory applications.

BTEC 2191: Fundamental Microbial Biotechnology
This course provides students with an introduction to the principles and techniques of microbiology and its current applications in research and industry. The course includes a survey of different major groups of microbial organisms, cell structure and function, microbial growth and control, microbial metabolism and genetics and human exploitation of microbes and their products, including microbial biocontrol.

BTEC 2191 L: Fundamental Microbial Biotechnology Lab
This course includes selected laboratory exercises that parallel the topics presented in BTEC 2191. Students gain laboratory proficiency in methods used in modern microbiology. The exercises focus on aseptic media preparation and culture techniques for different microbes, microscopy, and microbial isolation and identification. Further exercises include genetic techniques, including bacterial transformation and plaque assay, as well as microbial food and environmental laboratories.

BTEC 2192: Applied Biotechnology Methods
This course presents the background principles for the experimental concepts and fundamental laboratory skills of biotechnology associated with research, development and production. Lectures provide students with an introduction to organisms and their macromolecular components. It emphasizes the purification of specific macromolecules for further molecular analysis. Students will learn interrelated experimental strategies necessary to conduct successful separations and analyses of macromolecules.

BTEC 2192 L: Applied Biotechnology Methods Lab
This lab course introduces the basic experimental concepts of biotechnology and its associated fundamental laboratory skills. Laboratory activities provide hands-on training in three fundamental areas of modern biotechnology: media preparation and culture of bacteria, isolation and characterization of proteins, and preparation and analysis of recombinant plasmid DNA.

BTEC 2221: Regulatory Compliance in Biomanufacturing
This course explores the Food and Drug Administration (FDA) and the role of Good Manufacturing Practices (GMP) compliance in manufacturing of drugs, biologics and medical devices. Students will study benchmark congressional acts (e.g. the Food, Drug, and Cosmetic Act) and the evolution of the FDA to its present state. Instructors introduce students to facilities and processes used in manufacturing and packaging drugs, biologics and medical devices.

CHEM 1211: Chemistry I
This course introduces basic chemical principles and concepts that explain the behavior of matter. Topics include measurement, physical and chemical properties of matter, atomic structure, chemical bonding, nomenclature, chemical reactions, stoichiometry and gas laws.

CHEM 1211 L: Chemistry I L
This course includes selected laboratory exercises paralleling the topics in CHEM 1211. The laboratory exercises include measurement, physical and chemical properties of matter, atomic structure, chemical bonding, nomenclature, chemical reactions, stoichiometry and gas laws.

MATH 1111: College Algebra
This course emphasizes techniques of problem solving using algebraic concepts. Topics include fundamental concepts of algebra, equations and inequalities, functions and graphs, systems of equations and analytic geometry.

Business Management Pathway - Associate's Degree

FSSE 1000: First Semester Seminar
This course is designed to introduce first-time college students to the campus resources and academic skills necessary to achieve their educational and career goals. Emphasis is placed on promoting connections between student needs and college resources, and the development of college-level learning and success skills (study skills, career exploration, goal planning, time management, financial planning). Through the use of academic strategies and self-discovery, students will acquire knowledge and skills to help them succeed in college and in life. Additionally, this course introduces the fundamental concepts and operations necessary to use computers. The course emphasizes word processing, spreadsheet, and presentation software; the internet; and utilizing the college's learning management system and student information system.

ENGL 1101: Composition and Rhetoric
This course explores the analysis of literature and articles about issues in the humanities and in society. Students practice various modes of writing, ranging from exposition to argumentation and persuasion. The course includes a review of standard grammatical and stylistic usage in proofreading and editing. An introduction to library resources lays the foundation for research. Topics include writing analysis and practice, revision, and research. Students write a research paper using library resources and using a formatting and documentation style appropriate to the purpose and audience.

POLS 1101: Political Science
This course emphasizes the study of government and politics in the United States. The course provides an overview of the Constitutional foundations of the American political processes with a focus on government institutions and political procedures. It will examine the constitutional framework, federalism, civil liberties and civil rights, public opinion, the media, special interest groups, political parties and the election process. The course also studies the three branches of government. In addition, this course will examine the processes of Georgia state government. Topics include foundations of government, political behavior and governing institutions.

COMP 1000: Introduction to Computers
This course introduces the fundamental concepts, terminology, and operations necessary to use computers. Instructors place emphasis on basic functions and familiarity with computer use. Topics include an introduction to computer terminology, the Windows environment, internet and e-mail, word processing software, spreadsheet software, database software and presentation software.

MATH 1127: Introduction to Statistics
This course emphasizes the concepts and methods fundamental to utilizing and interpreting commonly used statistics. Topics include descriptive statistics, basic probability, discrete and continuous distributions, sampling distributions, hypothesis testing, chi square tests and linear regression.

PSYC 1101: Introduction to Psychology
This course introduces the major fields of contemporary psychology. Instructors place emphasis on critical thinking and the fundamental principles of psychology as a science. Topics include research design, the organization and operation of

the nervous system, sensation and perception, learning and memory, motivation and emotion, thinking and intelligence, lifespan development, personality, psychological disorders and treatment, stress and health and social psychology.

MGMT 1100: Principles of Management

This course develops skills and behaviors necessary for the successful supervision of people and their job responsibilities. Instructors place emphasis on real life concepts, personal skill development, applied knowledge and the management of human resources. Course content is intended to help managers and supervisors deal with a dramatically changing workplace being affected by technology changes, a more competitive and global market place, corporate restructuring and the changing nature of work and the workforce. Topics include understanding the manager's job and work environment; building an effective organizational culture; leading, directing, and applying authority; planning, decision-making, and problem-solving; human resource management; administrative management; and organizing and controlling.

ECON 2106: Microeconomics

This course provides an analysis of the ways in which consumers and business firms interact in a market economy. Topics include basic economic principles; consumer choice; behavior of profit maximizing firms; modeling of perfect competition; and monopoly, oligopoly and monopolistic competition.

ENGL 1105: Technical Communications

This course emphasizes practical knowledge of technical communications techniques, procedures, and reporting formats used in industry and business. Topics include reference use and research, device and process description, formal technical report writing, business correspondence and technical report presentation.

ACCT 1100: Financial Accounting I

This course introduces the basic financial accounting concepts of the complete accounting cycle and provides students with the necessary skills to maintain a set of books for a sole proprietorship. Topics include accounting vocabulary and concepts, the accounting cycle for a personal service business, the accounting cycle for a merchandising business, inventory, cash control and receivables. Laboratory work demonstrates theory presented in class.

MGMT 1120: Introduction to Business

This course provides students with an overview of the functions of business in the market system. Students will gain an understanding of the numerous decisions that must be made by managers and owners of businesses. Topics include the market system, the role of supply and demand, financial management, legal issues in business, employee relations, ethics and marketing.

ACCT 1120: Spreadsheet Applications

This course covers the knowledge and skills needed to use spreadsheet software through course demonstrations, laboratory exercises and projects. Topics include spreadsheet concepts, creating and manipulating data, formatting data and content, creating and modifying formulas, presenting data visually and collaborating and securing data.

MGMT 1115: Leadership

This course familiarizes students with the principles and techniques of sound leadership practices. Topics include characteristics of effective leadership styles, history of leadership, leadership models, the relationship of power and leadership, team leadership, and the role of leadership in effecting change.

SPCH 1101: Public Speaking

This course introduces students to the fundamentals of oral communication. Topics include selection and organization of materials, preparation and delivery of individual and group presentations, analysis of ideas presented by others and professionalism.

ACCT 2140: Legal Environment of Business
This course introduces law and its relationship to business. Topics include legal ethics, legal processes, business contracts, business torts and crimes, real and personal property, agency and employment, risk-bearing devices and Uniform Commercial Code.

ARTS 1101: Art Appreciation
This course explores the visual arts and the relationship to human needs and aspirations. Students investigate the value of art, themes in art, the elements and principles of composition, and the materials and processes used for artistic expression. Students will explore well-known works of visual art. The course encourages student interest in the visual arts beyond the classroom.

MGMT 1105: Organizational Behavior
This course provides students with a general knowledge of the human relations aspects of the senior-subordinate workplace environment. Topics include employee relations principles, problem solving and decision making, leadership techniques to develop employee morale, human values and attitudes, organizational communications, interpersonal communications and employee conflict.

MGMT 1125: Business Ethics
This course provides students with an overview of business ethics and ethical management practices. The course emphasizes the process of ethical decision-making and working through contemporary ethical dilemmas faced by business organizations, managers and employees. The course is intended to demonstrate to students how ethics can be integrated into strategic business decisions and can be applied to their own careers. The course uses a case-study approach to encourage students as they develop their analytical, problem-solving, critical thinking and decision-making skills. Topics include an overview of business ethics; moral development and moral reasoning; personal values, rights and responsibilities; frameworks for ethical decision-making in business; justice and economic distribution; corporations and social responsibility; corporate codes of ethics and effective ethics programs; business and society; consumers and the environment; ethical issues in the workplace; business ethics in a global and multicultural environment; business ethics in cyberspace; and business ethics and the rule of law.

MGMT 2145: Business Plan Development
This course provides students with the knowledge and skills necessary for managers or entrepreneurs to develop and implement business plans. Topics include business/community compatibility, introduction to cash flow and break even analysis, product/service idea development, determination of market feasibility, determination of financial feasibility, marketing strategy development, operations outline development and application of financial concepts.

MGMT 2130: Employee Training and Development
This course addresses the challenges of improving the performance and career potential of employees, while benefiting students in their own preparation for success in the workplace. The focus is on both training and career and personal development. It shows students how to recognize when training and development is needed and how to plan, design and deliver an effective program of training for employees. Students have opportunities to develop their own career plans, assess their work-related skills and practice a variety of skills desired by employers. Topics include developing a philosophy of training, having systems approach to training and development, the context of training, conducting a needs analysis, critical success factors for employees, learning principles, designing and implementing training plans, conducting and evaluating training, human resources development and careers, personal career development planning, and applications in interpersonal relationships and communication.

MKGT 2210: Entrepreneurship
This course provides an overview of the steps needed to establish a business. Topics include planning, location analysis, financing, and entrepreneurial ethics and social responsibility.

MKGT 2270: Retail Operations Management
This course emphasizes the planning, staffing, leading, organizing, and controlling management functions in a retail operation. Topics include the retailing environment, retailing strategy, supply chain management, financial planning, financial strategies, employee relations and career paths in retailing.

Computer Support Specialist Pathway

CIST 1001: Computer Concepts
This course provides an overview of information systems, computers and technology. Topics include information systems and technology terminology, computer history, data representation, information technology ethics, data storage concepts, system development methodology, computer number systems conversion (Binary and Hexadecimal) and mobile computing. Topics also include the fundamentals of information processing, information security, hardware operation, networking, the Internet, software design concepts and software (system and application).

CIST 1122: Hardware Installation and Maintenance
This course provides students with the knowledge of the fundamentals of computer technology, networking and security along with the skills required to identify hardware, peripheral, networking and security components. This course includes an introduction to the fundamentals of installing and maintaining computers. Students will develop their skills to identify the basic functionality of the operating system, perform basic troubleshooting techniques, utilize proper safety procedures and effectively interact with customers and peers. This course is designed to help prepare students for the CompTIA A+ certification examination.

CIST 1130: Operating Systems Concepts
This course provides an overview of modern operating systems and their use in home and small business environments. Activities will utilize the graphical user interface and command line environment. Topics include operating system fundamentals; installing, configuring and upgrading operating systems; managing storage, file systems, hardware and system resources; troubleshooting, diagnostics and maintenance of operating systems; and networking.

CIST 1401: Computer Network Fundamentals
This course introduces networking technologies and prepares students to take CompTIA's broad-based, vendor independent networking certification exam, Network +. It covers a wide range of material about networking, including local area networks (LAN), wide area networks (WAN), protocols, topologies, transmission media and security. The course focuses on operating network management systems and implementing the installation of networks. It reviews cabling, connection schemes, the fundamentals of LAN and WAN technologies, TCP/IP configuration and troubleshooting, remote connectivity, and network maintenance and troubleshooting. Topics include a basic networking technology, network media and topologies, network devices, network management, network tools and network security.

Cosmetology Shampoo Technician Pathway

COSM 1000: Introduction to Cosmetology Theory
This course introduces the fundamental theory and practices of the cosmetology profession. Instructors emphasize professional practices, safety, and infection control. Topics include state rules and regulations, the state regulatory agency, image, bacteriology, decontamination and infection control, chemistry fundamentals, safety and infection control, Hazardous Duty Standards Act compliance, and anatomy and physiology.

COSM 1020: Hair Care and Treatment
This course introduces the theory, procedures, and products used in the care and treatment of the scalp and hair. Topics include disease disorders and their treatments; the fundamental theory and skills required to shampoo, condition and recondition the hair and scalp; and safety and infection control.

COSM 1040: Styling
This course introduces the fundamental theory and skills required to create shapings, pin curls, fingerwaves, roller placement, blow dry styling, thermal curling, thermal pressing, thermal waving, artificial hair and augmentation and comb-outs. Students practice styling techniques on manikins during laboratory exercises. Topics also include braiding and intertwining hair, styling principles, pin curls, roller placement, fingerwaves, skip waves, ridge curls, blow dry styling, thermal curling, thermal pressing, thermal waving, artificial hair and augmentation, comb-outs and safety precautions and practices.

COSM 1120: Salon Management
This course emphasizes the steps involved in opening and operating a privately owned salon. Topics include law requirements regarding salon and spa employment, taxpayer education, federal and state responsibilities, legal requirements for owning and operating a salon business, business management practices, and public relations and career development.

Criminal Justice Pathway

COMP 1000: Introduction to Computers
This course introduces the fundamental concepts, terminology and operations necessary to use computers. Emphasis is placed on basic functions and familiarity with computer use. Topics include an introduction to computer terminology, the Windows environment, Internet and email, word processing software, spreadsheet software, database software and presentation software.

CRJU 1010: Introduction to Criminal Justice
This course introduces the development and organization of the criminal justice system in the United States. Topics include: the American criminal justice system; constitutional limitations; organization of enforcement, adjudication and corrections; and career opportunities and requirements.

CRJU 1030: Corrections
This course provides an analysis of all phases of the American correctional system and practices, including its history, procedures and objectives. Topics include: history and evolution of correctional facilities; legal and administrative problems; institutional facilities and procedures; probation, parole and prerelease programs; alternative sen10cing; rehabilitation; community involvement; and staffing.

CRJU 1040: Principles of Law Enforcement
This course examines the principles of the organization, administration and duties of federal, state and local law enforcement agencies. Topics include: history and philosophy of law enforcement, evaluation of administrative practices, problems in American law enforcement agencies, emerging concepts, professionalism and community crime prevention programs.

Early Childhood Care and Education Pathway

ECCE 1101: Introduction to Early Childhood Care and Education
Introduces concepts relating the responsibilities and procedures involved in a variety of early childhood care situations. Topics include historical perspectives; professionalism; guidance; developmentally appropriate practices; learning environment (including all children); cultural diversity; and licensing, accreditation and credentialing.

ECCE 1103: Child Growth and Development
Introduces the student to the physical, social, emotional and cognitive development of the young child (prenatal through 12 years of age). The course provides for competency development in observing, recording and interpreting growth and development stages in the young child; advancing physical and intellectual competence; supporting social and emotional development; and examining relationships between child development and positive guidance. Topics include developmental characteristics, prenatal through age 12, developmental guidance applications, observing and recording techniques, ages and stages of development and introduction to children with special needs.

ECCE 1105: Health, Safety and Nutrition
Introduces the theory, practices and requirements for establishing and maintaining a safe, healthy learning environment. Topics include CPR and first aid, health issues, safety issues, child abuse and neglect and nutritional needs of children. Students must pay a $40 supply fee when registering for this course.

Emerging Technologies Pathway – Video Game Design Specialist

EMTX 1000: Tech Driven Problem Solving
This course provides an overview of emerging technology. Students will explore the new and different technologies available to business, industry and government. Topics will include hands on demonstrations of the technologies, ethics of the use of these technologies and application of these technologies on a semester long project.

CIST 2751: Game Development I
This course covers the design and creation of a 2D interactive game using the latest in industry standard. Topics include game development and concepts, sprite creation using .png and .gif formats, object placement and orientation, event-driven programming, pseudocode and level and class design.

CIST 2752: Game Development II
This course covers the design, creation and implementation of 2D and 3D elements as well as programming concepts into an interactive application. Topics include interface design, 3D object creation, game flow and scripting.

EMTX 2010: Intro to Wearable Computing and AR
This course provides a comprehensive discussion of Wearable Computing and the use of Augmented Reality by business, industry and government. Students will take a hands-on approach to these technologies and work with these technologies to solve problems in business, medicine, industry and government.

Engineering Technology Pathway

DFTG 1101: CAD Fundamentals
This course establishes safety practices as they relate to a drafting environment. It introduces basic CAD functions while presenting essential principles and practices for line relationships, scale and geometric construction.

ENGT 1000: Introduction to Engineering Technology
This course provides a study of engineering technology as a career field and describes the knowledge and skills required for academic and occupational success. Topics include careers in engineering technology, measurements and standards, mathematical operators, engineering tools and engineering concepts. Laboratory work reinforces mathematical, mechanical and electrical concepts through practical exercises, including the measurement and calculation of the density of objects, relative humidity, digital multimeters usage, circuit construction, precision instruments usage and team exercises.

Healthcare Access Representative Pathway

ALHS 1090: Medical Terminology for Allied Health Sciences
This course introduces the elements of medical terminology. Instructors place emphasis on building familiarity with medical words through knowledge of roots, prefixes and suffixes. Topics include origins (roots, prefixes and suffixes), word building, abbreviations and symbols and terminology related to the human anatomy.

BUSN 1015: Introduction to Medical Insurance
This course is designed to increase efficiency and streamline administrative procedures for insurance coding and billing. Topics include documentation in the medical record, diagnostic code selections, types of insurance, Medicare compliance policies related to documentation and confidentiality and HIPAA and other compliance regulations.

HIMT 1105: Essentials of Healthcare Access Services
This course provides comprehensive coverage of healthcare access service roles and processes employed in healthcare settings. Emphasis is placed on the knowledge and skills needed to competently interact with healthcare most valuable customer - the patient while following business policies and procedures. Topics include: role of healthcare access services staff and the impact on national patient satisfaction scores; professional ethics and cultural considerations; professionalism and competency; customer service excellence; meeting insurance payer guidelines; compliance standards for handling and protecting health information. Prepares student as candidate for NAHAM's Certified Healthcare Access Associate exam.

HIMT 1150: Computer Applications in Healthcare
This course provides students with an introduction to the computer and software skills used in medical offices. Topics include hardware and software components of computers for medical record applications, database software and information management, specialized information management systems in healthcare, methods of controlling confidentiality and patient rights, accuracy and security of health information data in computer systems and future directions of information technology in healthcare.

HIMT 1205: Review and Practice for the CHAA Exam
This course provides students with the opportunity to prepare for the national Association of Healthcare Access Management's (NAHAM) Certified Healthcare Access Associate (CHAA) certification exam. Course is designed to provide review of skills needed to prepare for the CHAA credential exam. CHAAs are healthcare access associates who ensure quality of data collection and security of data and customer service. CHAAs use computer applications to schedule services and analyze data to determine patient financial responsibility. Course provides comprehensive practice multiple choice test databank (300+ questions). Topics include a review of content specific to the healthcare access services field and test-taking strategies.

Interior Design Technology Pathway

INDS 1115: Technical Drawing for Interior Designers
This course provides students with opportunities to become familiar in reading and interpreting construction drawings and graphic standards. It also introduces the application of drawing techniques used in interior design. Topics include production methods, the role of working drawings, dimensioning practices, drawing representation methods, print reading, schedules and specifications, the alphabet of lines, architectural style, geometric shapes, floor plan layouts, interior elevations and interior pictorials.

INDS 1145: CAD Fundamentals for Interior Design
This course introduces basic computer language and applications of computers to the field of interior design. Topics include an introduction to CAD commands and applications, techniques of setting up a drawing, use of layering and execution of commands.

INDS 2210: Design Studio I
This course introduces the current generation of technology for use in design presentations. Topics include technological communications and their use within the design profession.

Mechatronics Technician Pathway

IDSY 1005: Introduction to Mechatronics
This course provides an introduction to the field of mechatronics and automation technology. Topics include automation technology as a part of engineering sciences, fundamentals of electrical engineering, sensors, fundamentals of pneumatics, electrical drives, applications of relays in electro pneumatics and programmable logic controllers.

IDSY 1170: Industrial Mechanics
This course introduces and emphasizes the basic skills necessary for mechanical maintenance personnel. Instruction is also provided in the basic physics concepts applicable to the mechanics of industrial production equipment. It also covers the application of mechanical principles with additional emphasis on power transmission and specific mechanical components.

IDSY 1190: Fluid Power and Piping Systems
This course provides instruction in the fundamentals of safely operating hydraulic, pneumatic and pump and piping systems. Instructors also discuss theory and practical application concepts. Topics include hydraulic system principles and components; pneumatic system principles and components; and the installation, maintenance and troubleshooting of pump and piping systems.

Office Accounting Pathway

ACCT 1100: Financial Accounting I
This course introduces the basic financial accounting concepts of the complete accounting cycle and provides students with the necessary skills to maintain a set of books for a sole proprietorship. Topics include accounting vocabulary and concepts, the accounting cycle for a personal service business, the accounting cycle for a merchandising business, inventory, cash control and receivables. Laboratory work demonstrates theory presented in class.

ACCT 1105: Financial Accounting II
This course introduces the intermediate financial accounting concepts that provide students with the necessary skills to maintain a set of books for a partnership and corporation. Topics include fixed and intangible assets, current and long-term liabilities (notes payable), payroll, accounting for a partnership, accounting for a corporation, statement of cash flows and financial statement analysis. Laboratory work demonstrates theory presented in class.

ACCT 1115: Computerized Accounting
This course emphasizes the operation of computerized accounting systems from manual input forms. Topics include company creation (service and merchandising), chart of accounts, customers' transactions, vendors' transactions, banking activities, merchandise inventory, employees and payroll and financial reports. Laboratory work includes theoretical and technical application.

COMP 1000: Introduction to Computers
This course introduces the fundamental concepts, terminology, and operations necessary to use computers. Instructors place emphasis on basic functions and familiarity with computer use. Topics include an introduction to computer terminology, the Windows environment, Internet and e-mail, word processing software, spreadsheet software, database software and presentation software.

Sports Management Pathway

COMP 1000: Introduction to Computers
This course introduces the fundamental concepts, terminology and operations necessary to use computers. Instructors place emphasis on basic functions and familiarity with computer use. Topics include an introduction to computer terminology, the Windows environment, internet and e-mail, word processing software, spreadsheet software, database software and presentation software.

MKTG 1160: Professional Selling
This course introduces professional selling skills and processes. Topics include professional selling, product and sales knowledge, customer analysis and relations, selling process, sales presentations and the ethics of selling.

MKTG 1280: Introduction to Sports and Recreation Management
This course introduces the sociological, philosophical, economic and historical aspects of the sports and recreation industry. Topics include the nature of sports and recreation management, sports management landscape, research and

trends, programming in sports and recreation management, employee training, evaluation and relations, fiscal topics in the business of sports and recreation, and careers in sports and recreation management.

MKTG 2080: Regulations and Compliance in Sports

This course introduces the legal principles involved in sports. Topics include the nature of sports law, sports law and change, sports law environment, court decision processes and sports contracts.

MKTG 2180: Principles of Sports Marketing

This course applies the principles of marketing utilized in the sports industry. Topics include the nature of sports marketing, role of sports marketing, marketing principles specific to sports, marketing mix to achieve goals and electronic landscape and media in sports.

MKTG 2280: Sports Management

This course emphasizes leadership and management in the sports marketing industry. Topics include leadership, budgeting, project management, event management, contract negotiation and international sports marketing.

High School Pathway Course Descriptions

Audio and Visual Technology and Film Pathway (Located at ACCA)

Audio and Video Technology and Film
This course will serve as the foundational course in the Audio and Video Technology and Film pathway. The course prepares students for employment or entry into postsecondary education program in the audio and video technology career field. Topics covered may include, but are not limited to: terminology, safety, basic equipment, script writing, production teams, production and programming, lighting, recording and editing, studio production and professional ethics.

Audio and Video Technology and Film II
This one credit course is the second in a series of three that prepares students for a career in Audio Video Technology and Film production and/or to transfer to a postsecondary program for further study. Topics include planning, writing, directing and editing a production, field equipment functions, operational set-up and maintenance, advanced editing operations, studio productions, performance, audio/video control systems, production graphics, career opportunities and professional ethics.

Audio and Video Technology and Film III
This one credit course is designed to facilitate student-led projects under the guidance of the instructor. Students work cooperatively and independently in all phases of production.

Fundamentals of Telecommunications
This one credit course is designed to prepare students for employment in the telecommunication/communication industry or further education as a telecommunication professional. This course introduces students to telecommunications safety, customer service, legal issues, communication systems, telephone systems and telephone equipment.

Business and Technology Pathway (Located at Cedar Shoals and Clarke Central High Schools)

Introduction to Business
A college credit in Introduction to Business is a requirement in seven ATC career pathways. Students not currently admitted to ATC but interested in the accounting, business administrative technology, computer information systems, criminal justice, drafting, or hospitality customer service pathways should enroll in Introduction to Business as their first course sequence.

Business and Technology
Business and Technology is the second course in the Business and Technology pathway. This course is designed to prepare students to use spreadsheets, publish documents and use spreadsheet and database software to organize, analyze and share information through visually appealing presentation.

Business Communication
Students will create, edit and publish professional-appearing business documents with clear and concise communication. Creative design, persuasive personal and professional communications will be applied through research, evaluation, validation, written and oral communication. Business Communications is the third course in the Business and Technology pathway in the Business Management and Administration cluster. Students enrolled in this course should have successfully completed Introduction to Business and Technology and Business and Technology.

Culinary Arts Pathway (Located at ACCA)

Introduction to Culinary Arts
In this course, fundamental culinary techniques, skills and terminology will be introduced and mastered through the development and implementation of simulations and real-world experiences. Students will implement the philosophy and skills of Farm to Table in developing menus and preparing food.

Culinary I
This course is designed to provide additional experiences and skills through the use of the Farm to Table program. Students will apply and refine their knowledge of culinary techniques, skills and terminology through further menu development and food preparation. Food production skills including portion control, nutritional content and real-world application are developed.

Health Science: Healthcare Support Services Pathway (Located at ACCA)

Healthcare Support Services Pathway
CCSD offers the Healthcare Support Services Pathway within the Health Science Career Cluster. There are three courses in the Pathway, which include classroom and laboratory experiences enabling students to develop technical and academic skills for preparation for employment and/or further study in the health sciences industry.

Introduction to Healthcare Science
The concepts of human growth and development, interaction with patients and family members, health, wellness and preventative care are evaluated, as well as the legal and ethical responsibilities of today's healthcare provider. Fundamental health care skills development is initiated including microbiology, basic life support and first aid.

Essentials of Healthcare
The Essentials of Healthcare is a medical-focused anatomy course addressing the physiology of each body system, along with the investigation of common diseases, disorders, and emerging diseases. The prevention of disease and the diagnosis and treatment that might be utilized are addressed, along with medical terminology related to each system. This course provides an opportunity to demonstrate technical skills that enforce the goal of helping students make connections between medical procedures and the pathophysiology of diseases and disorders. The prerequisite for this course is Introduction to Healthcare.

Healthcare Support Services
This last course in the pathway will enable students to explore different health service roles by learning about what skills are required for each one. The course also prepares students in employability skills in preparation for continuing on to a college/technical program and/or entry level work in the healthcare industry. The prerequisite for this course is Essentials of Healthcare.

University System of Georgia and Technical College System of Georgia Transfer Courses

USG institutions and TCSG institutions will accept the following general education courses for transfer between their respective institutions:

Technical College System of Georgia Title Prefix and Number		University System of Georgia Equivalent
American Government	POLS 1101	POLS 1101
American Literature	ENGL 2130	ENGL 2130
Art Appreciation	ARTS 1101	ARTS 1100-1107
Biology Introduction I	BIOL 1111 BIOL1111L	BIOL 1111 BIOL1111L
Biology Introduction II	BIOL 1112 BIOL 1112L	BIOL 1112 BIOL 1112L
Calculus	MATH 1131	MATH 1131
Chemistry I (Intro)	CHEM 1151 CHEM 1151L	CHEM 1151 CHEM 1151L
Chemistry II (Intro)	CHEM 1152 CHEM 1152L	CHEM 1152 CHEM 1152L
College Algebra	MATH 1111	MATH 1111
Economics (Macro)	ECON 1199	
Economics (Micro)	ECON 1198	
Economics (Principles)	ECON 1101	ECON 1101
English Composition I	ENGL 1101	ENGL 1101
English Composition II	ENGL 1102	ENGL 1102
Humanities (Intro)	HUMN 1101	HUMN 1101
Math Modeling (Intro)	MATH 1101	MATH 1101
Pre-Calculus	MATH 1113	MATH 1113
Physics I (Intro)	PHYS 1111 PHYS 1111L	PHYS 1111 PHYS 1111L
Physics II (Intro)	PHYS 1112 PHYS 1112L	PHYS 1112 PHYS 1112L
Psychology (Intro)	PSYC 1101	PSYC 1101
Public Speaking	SPCH 1101	COMM 1100-1110
Sociology (Intro)	SOCI 1101	SOCI 1101
Statistics (Intro)	MATH 1127	MATH 1127
US History I	HIST 2111	HIST 2111
US History II	HIST 2112	HIST 2112
World History I	HIST 1111	HIST 1111
World History II	HIST 1112	HIST 1112

Title and Number = 17 Additional Courses for Transfer Under

Career clusters/pathways

What are Career Clusters/Pathways?

According to Georgia House Bill 186, all public high school students in Georgia choose an area of interest in one of the state-approved career clusters. Each cluster has a variety of available pathways. The aim of the program is to connect classroom learning with real-world application. Students select their pathway based on what they want to do after graduation. Students have the freedom to switch pathways – although the closer they are to graduation, there may not be enough time to complete all the courses in a new pathway.

Why is the state doing this?

Career clusters/pathways are designed to blend rigorous academic work with technical preparation, provide career development and offer options for students to experience all aspects of business or industry.

How will this change which classes a student takes?

Students will take a certain number of electives aligned to their pathway, as well as ensure core courses are mastered.

What are the pathways Clarke County offers?

High School Pathways

Advanced Academics: English/Language Arts
Advanced Academics: Mathematics
Advanced Academics: Science
Advanced Academics: Social Studies
Advanced Academics: World Languages
Agriculture: Plant and Landscape Systems
Agriculture: Veterinary Science
Agriculture: Plant and Floral Systems Design
Arts, Audio Visual Technology and Communication: Commercial Art
Arts, Audio Visual Technology and Communication: Graphic Design
Culinary Arts
Engineering and Technology: Robotics
Fine Arts: Dance
Fine Arts: Journalism
Fine Arts: Music
Fine Arts: Theatre
Fine Arts: Visual Arts
Government and Public Administration: JROTC-Army
Transportation, Distribution and Logistics: Automobile Maintenance and Light Repair

High School/College Pathways

Students who enroll in high school courses that, through an articulation agreement, could count as college credit.

Business Management and Administration: Business and Technology
Health Services: Healthcare Support Services
Film Production

College Pathways

Students must be admitted to Athens Technical College through passing the ACCUPLACER entrance exam or submitting the required SAT/ACT scores.

Automotive Collision Technician (Diploma)
Biological Sciences Lab Technician (TCC)
Business Management (A.S.)
Computerized Accounting Specialist (TCC)
Computer Support Specialist (TCC)
Cosmetology Shampoo Technician (TCC)
Criminal Justice Technology (TCC)
Early Childhood Care and Education (TCC)

College Pathways (Continued)

Early College Essentials (TCC)
Emerging Technologies – Video Game Design Specialist (TCC)
Engineering Technology (TCC)
Healthcare Access Representative (TCC)
Hospitality Management (A.S.)
Interior Design Technology (TCC)
Mechatronics Technician (TCC)
Personal Robotics Technician (TCC)
Sports Management/Marketing (TCC)
Video Game Design (TCC)