



**CENTRAL
CAROLINA**
COMMUNITY COLLEGE
CAREER & COLLEGE PROMISE

COMPLETE COURSE GUIDE

2022-2023

Contents

CCP Overview	3
College Transfer Pathway Eligibility Information Freshman & Sophomores	4
College Transfer Pathway Eligibility Information Juniors & Seniors	6
College Transfer Test Score Requirements	7
Career & Technical Education Pathway Eligibility Information Freshman & Sophomore	8
Career & Technical Education Pathway Eligibility Information Juniors & Seniors	10
CTE Test Score Requirements	11
Cooperative Innovative High School Pathway Eligibility Information	12
Career & College Promise Policies	13
Grading Policy	13
Textbook/Fee Policy	13
Graduation Policy	13
Meet Your Advisor	14
Pathway Breakdown	17
College vs High School Credit	20
College Transfer Pathways	21
Pre-Associate in Arts (P1012C)	23
Pre-Associate in Engineering (P1052C)	24
Pre-Associate in Science (P1042C)	25
Pre-Associate Degree Nursing (P1032C)	26
Pre-Associate Degree Associate of Arts- Teacher Preparation (P1012T)	27
Pre-Associate Degree Associate of Science- Teacher Preparation (P1014T)	29
Career & Technical Education Pathways	31
Accounting	32
Air Conditioning, Heating & Refrigeration Technology	33
Automotive Restoration Technology	33
Automotive Systems Technology	34
Barbering	36
Bioprocess Technology	36
Broadcasting and Production Technology	37
Business Administration	38
Computer-Integrated Machining	40

	2
Computer Programming	41
Cosmetology	42
Criminal Justice Technology	43
Culinary Arts	44
Dental Assisting	45
Early Childhood Education	46
Electronics Engineering Technology	47
Forensic Science	48
Health and Fitness Science	48
Health Information Technology	49
Healthcare Management Technology	49
Human Services Technology	50
Industrial Systems Technology	51
Information Technology	52
Laser and Photonics Technology	53
Library and Information Technology	54
Manicuring/Nail Technology	55
Mechanical Engineering Technology	56
Medical Assisting	57
Medical Office Administration	58
Motorcycle Mechanics	59
Nurse Aide	60
Paralegal Technology Certificate	61
Podcasting & Digital Audio Production Cert	62
Social Media Marketing Certificate	63
Sustainability Technologies	64
Sustainable Agriculture- Harnett Agriculture Academy	65
Veterinary Medical Technology	66
Welding Technology	67
Course Descriptions	68
Appendix A	69

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Central Carolina Works seeks to promote skills and knowledge that will ready students for success in college and careers leading to economic benefits for individuals and communities through increased participation in North Carolina's Career and College Promise program.

CCP Overview

The purpose of Career and College Promise is to offer structured opportunities for qualified high school students to dually enroll in community college courses that provide pathways that lead to a certificate, diploma, degree, or State or industry-recognized credential as well as provide entry-level jobs skills. Career and College Promise offers North Carolina high school students a clear path to success in college or in a career. The program is free to all students who maintain a “B” average and meet other eligibility requirements. Through a partnership of the Department of Public Instruction, the N.C. Community College System, the University of North Carolina system and many independent colleges and universities, North Carolina is helping eligible high school students to begin earning college credit at a community college campus at no cost to them or their families. The three pathways include:

1. College Transfer Pathway leading to a minimum of 30 hours of college transfer credit;
2. A Career and Technical Education Pathway leading to a certificate, diploma or degree;
3. A Cooperative Innovative High School Pathway

College Transfer Pathway Eligibility Information Freshman & Sophomores

1. The Career and College Promise Pathway requires the completion of a transfer pathway approved by the State Board of Community Colleges, including transfer courses in English and mathematics and ACA 122 College Transfer Success.
2. To be eligible for enrollment, a high school student must meet the following criteria:
 - a. Be a highschool freshman or sophomore, and
 - b. Be identified as gifted by
 - i. Local AIG plan in English/reading and math; or
 - ii. An aptitude and achievement test as evidenced by a score in the range between the 92nd percentile and the 99th percentile on the aptitude and the achievement test included in the current Mental Measurements Yearbook published by the Buros Institute of Mental Measurements; and
 - c. Demonstrate college readiness in English, reading and mathematics on an approved assessment; (See Appendix A for college readiness scores); and
 - d. Receive recommendation verifying the student has maturity to enroll from high school principal or equivalent administrator; and receive recommendation of AIG Coordinator (if one is employed by the district); and
 - e. Receive approval of college president or the college's chief student development administrator or the college's chief academic officer; and
 - f. Receive written consent of the student's parent/guardian; and
 - g. Receive academic advising prior to enrollment in the program.
3. To maintain eligibility for continued enrollment, a student must:
 - a. Continue to make progress toward high school graduation, and
 - b. Maintain a 2.0 GPA in college coursework after completing two courses.
 - c. A student who falls below a 2.0 GPA after completing two college courses will be subject to the college's policy for satisfactory academic progress.
4. Students who are successfully progressing towards high school graduation have access to the College Transfer Pathway for one year as a freshman, one year as a sophomore, one year as a junior and one year as a senior.
5. Colleges may request a graduation plan verifying what high school courses remain and the anticipated graduation date.
6. A student may only enroll in one College Transfer Pathway and may not substitute courses in one program for courses in another.
7. A student may change his or her program of study major with approval of the high school principal or his/her designee and the college's chief academic officer or chief student development administrator. The college's chief academic officer or chief student development administrator shall approve a change in pathway based on verification 18 provided by the student that the program change allows the student to meet their newly chosen career path. Verification could include (but is not limited to) a bachelor degree plan published by the university, a career pathway plan, career information published in the Occupational Outlook Handbook and/or information published in the North Carolina Career Cluster Guide, etc.
8. With approval of the high school principal or his/her designee and the college's chief academic officer or chief student development administrator, a student who completes a College Transfer Pathway, while still enrolled in high school, may continue to earn college transfer credits leading to

the completion of the Associate in Arts, Associate in Arts in Teacher Preparation, Associate in Science, Associate in Science in Teacher Preparation, Associate in Engineering, AGE-Nursing, AFA-Music, AFA-Theater, or AFA-Visual Arts.

9. A student who completes a transfer pathway and continues on (with the required permissions outlined above) will keep their P code until the student a) graduates from high school/exits CCP or b) completes the full associate degree while still enrolled in high school.
10. Students pursuing credits beyond the initial transfer associate degree must provide documentation of justification based upon career pathway needs or transfer program requirements (i.e., bachelor degree plan published by the University of North Carolina). The high school principal or the high school principal's designee and the college's chief student development administrator or the college's chief academic officer must approve prior to enrollment in credits beyond the initial transfer program of study. Approval is contingent upon documentation of justification based upon career pathway needs or transfer program requirements (i.e., bachelor degree plan published by the University of North Carolina).
11. The AA/AS/AE/AGE-Nursing/ AFA-Music/AFA-Theater/AFA-Visual Arts/AATP/ASTP degree may be awarded prior to high school graduation verification.
12. Colleges should follow the same graduation process for CCP students as is followed for traditional college students.
13. With approval of the high school principal or his/her designee and the college's chief academic officer or chief student development administrator, a student may concurrently enroll in one College Transfer Pathway and one curriculum Career Technical Education Pathway available to freshmen and sophomores.
14. CCP students may not enroll in transition courses offered through CCR. (examples: BSP4002 and BSP-4003)
15. CCP students may enroll in supplemental courses. (examples: MAT-010, MAT-021, MAT043, MAT-052, MAT 071; ENG 011)
16. CCP students may enroll in curriculum transition courses but may not enroll in non-curriculum transition courses. (examples: MAT 003; ENG 002)
17. CCP students may not audit courses.
18. CCP students may not be enrolled in the Associate in General Education or General Occupational Technology programs. 19. Students enrolled in Adult High School, Adult Basic Education, or Adult Secondary Education are not eligible for Career and College Promise.

College Transfer Pathway Eligibility Information Juniors & Seniors

1. The College Transfer Pathway requires the completion of a transfer pathway approved by the State Board of Community Colleges including transfer courses in English and mathematics and ACA 122 College Transfer Success.
2. To be eligible for enrollment, a high school student must meet the following criteria:
 - a. Be a North Carolina high school junior or senior;
 - b. Have a unweighted GPA of 2.8 on high school courses; **OR**
 - c. Demonstrate college readiness on an assessment or placement test (See Appendix A).
3. To maintain eligibility for continued enrollment, a student must
 - a. Continue to make progress toward high school graduation, **and**
 - b. Maintain a 2.0 GPA in college coursework after completing two courses.
 - c. A student who falls below a 2.0 GPA after completing two college courses will be subject to the college's policy for satisfactory academic progress.
4. Students who are successfully progressing towards high school graduation have access to the College Transfer Pathway for one year as a junior and one year as a senior.
5. Colleges may request a graduation plan verifying what high school courses remain and the anticipated graduation date.
6. A student may change his or her program of study major with approval of the high school principal or his/her designee and the college's chief academic officer or chief student development administrator. The college's chief academic officer or chief student development administrator shall approve a change in pathway based on verification provided by the student that the program change allows the student to meet their newly chosen career path. Verification could include (but is not limited to) a bachelor degree plan published by the university, a career pathway plan, career information published in the Occupational Outlook Handbook and/or information published in the North Carolina Career Cluster Guide, etc.
7. With approval of the high school principal or his/her designee and the college's chief academic officer or chief student development administrator, a student who completes a College 16 Transfer Pathway, while still enrolled in high school, may continue to earn college transfer credits leading to the completion of the Associate in Arts, Associate in Arts in Teacher Preparation, Associate in Science, Associate in Science in Teacher Preparation, Associate in Engineering, AGE-Nursing, AFA-Music, AFA-Theater, or AFA-Visual Arts.
8. A student who completes a transfer pathway and continues on (with the required permissions outlined above) will keep their P code until the student a) graduates from high school/exits CCP or b) completes the full associate degree while still enrolled in high school.
9. Students pursuing credits beyond the initial transfer associate degree must provide documentation of justification based upon career pathway needs or transfer program requirements (i.e., bachelor degree plan published by the University of North Carolina). The high school principal or the high school principal's designee and the college's chief student development administrator or the college's chief academic officer must approve prior to enrollment in credits beyond the initial transfer program of study. Approval is contingent upon documentation of justification based upon career pathway needs or transfer program requirements (i.e., bachelor degree plan published by the University of North Carolina).
10. The AA/AS/AE/AGE-Nursing/ AFA-Music/AFA-Theater/AFA-Visual Arts/AATP/ASTP degree may be awarded prior to high school graduation verification.

11. Colleges should follow the same graduation process for CCP students as is followed for traditional college students.
12. With approval of the high school principal or his/her designee and the college's chief academic officer or chief student development administrator, a student may concurrently enroll in: a. One College Transfer Pathway and one Career Technical Education Pathway or b. One College Transfer Pathway and one Workforce Continuing Education Pathway.
13. CCP students may not enroll in transition courses offered through CCR. (examples: BSP-4002 and BSP-4003).
14. CCP students may enroll in supplemental courses. (examples: MAT-010, MAT-021, MAT-043, MAT-052, MAT 071; ENG 011).
15. CCP students may enroll in curriculum transition courses but may not enroll in non-curriculum transition courses. (examples: MAT 003; ENG 002).
16. CCP students may not audit courses.
17. CCP students may not be enrolled in the Associate in General Education or General Occupational Technology programs.
18. Students enrolled in Adult High School, Adult Basic Education, or Adult Secondary Education are not eligible for Career and College Promise.

College Transfer Test Score Requirements

Students must have an unweighted high school GPA of 2.8 or demonstrate college readiness in English, reading, and mathematics on an approved test or tests to be eligible for enrollment in a College Transfer Pathway. To see required benchmarks refer to Appendix A.

Career & Technical Education Pathway Eligibility Information Freshman & Sophomore

Curriculum: Freshmen and Sophomores The Appropriations Act of 2013, S.B. 402, amended NC General Statutes 115D-20(4)a.2 to allow “academic transition pathways for qualified freshmen and sophomore high school students that lead to a career technical education certificate or diploma in Industrial and Engineering Technologies, Agriculture and Natural Resources, Transportation Systems, Construction or Business technologies.”

1. The Career and College Promise Career and Technical Education Pathway for freshmen and sophomores leads to an Industrial and Engineering, Agriculture and Natural Resources, Transportation Systems, Construction or Business Technologies certificate or diploma aligned with a high school Career Cluster.
2. The college may enroll high school freshmen and sophomores only in engineering technologies (program code 40xxx), industrial technologies (program code 50xxx), agriculture and natural resources (program code 15xxx), transportation (program code 60xxx), construction (35xxx) and business (25xxx) certificate and diploma programs.
3. To be eligible for enrollment, a high school student must meet one of the following criteria:
 - a. Be a high school freshman or sophomore, and
 - i. Have the recommendation of the high school principal or his/her designee (assessment scores should be considered) and rationale for recommendation; and
 - ii. Have the recommendation of the college’s Chief Academic Officer or Chief Student Development Administrator; **and**
 - iii. Passed Math I with a grade of C or better; and
 - iv. Scored a 3, 4, or 5 on the End of Course assessment (EOC) for Math I; and
 - v. Scored a 3, 4, or 5 on the 8th grade End of Grade ELA assessment. **OR**
 - b. Be a high school freshman or sophomore, and
 - i. Have the recommendation of the high school principal or his/her designee (assessment scores should be considered) and rationale for recommendation, and
 - ii. Have the recommendation of the college’s Chief Academic Officer or Chief Student Development Administrator, and
 - iii. Demonstrate college readiness in English, reading and mathematics on an assessment (See Appendix A for college readiness scores). **OR**

Under Temporary Rule for 2021-2022 academic year enrollment:

- c. Be a high school freshman or sophomore, and
 - i. Have the recommendation of the high school principal or his/her designee (assessment scores should be considered) and rationale for recommendation; and
 - ii. Have the recommendation of the college’s Chief Academic Officer or Chief Student Development Administrator; and
 - iii. Passed Math I with a grade of P or better; and iv. Scored a 3, 4, or 5 on the 7th or 8th grade End of Grade ELA assessment.
4. Freshmen and Sophomores may not enroll in any CTE pathways that contain UGETC (Universal General Education Transfer Component) courses.

5. College Career Technical Education courses may be used to provide partial or full fulfillment of a high school career cluster. Where possible, students should be granted articulated credit based on the local or state North Carolina High School to Community College Articulation Agreement.
6. To maintain eligibility for continued enrollment, a student must
 - a. Continue to make progress towards high school graduation, and
 - b. Maintain a 2.0 in college coursework after completing two courses.A student who falls below a 2.0 GPA after completing two college courses will be subject to the college's policy for satisfactory academic progress.
7. Eligible freshmen or sophomores who enter one of the identified CCP Career and Technical Education (CTE) Pathways listed in G.S. §115D-20 and 1D SBCCC 400.11 and who are successfully progressing towards high school graduation have access to the CCP program for up to four years - one year as a freshman, one year as a sophomore, one year as a junior and one year as a senior.
8. Colleges may request a graduation plan verifying what high school courses remain and the anticipated graduation date.
9. A student may be awarded a certificate, diploma or AAS degree prior to high school graduation.
10. Colleges should follow the same graduation process for CCP students as is followed for traditional college students.
11. The student may change his or her program of study major to another approved program of study for freshmen or sophomores with approval of the high school principal or his/her designee and the college's chief academic officer or chief student development administrator. The college's chief academic officer or chief student development administrator shall approve a change in pathway based on verification provided by the student that the program change allows the student to meet their newly chosen career path. Verification could include (but is not limited to) a bachelor degree plan published by the university, a career pathway plan, career information published in the Occupational Outlook Handbook and/or information published in the North Carolina Career Cluster Guide, etc.
12. With approval of the high school principal or his/her designee and the college's chief academic officer or chief student development administrator, a student may concurrently enroll in two Career and Technical Education Pathways available to 9th and 10th graders.
13. A student who completes the CTE certificate or diploma may continue in the same traditional, parent AAS program as long as he/she is still eligible for CCP. In order to continue, the program code should be changed to reflect the traditional AAS program code. The student type will remain CCPP and the student code will remain CTE.
14. Colleges are responsible for adhering to external agency guidelines that may restrict CCP students from enrolling in specific pathway programs.
15. CCP students may not enroll in transition courses offered through CCR. (examples: BSP-4002 and BSP-4003)
16. CCP students may enroll in supplemental courses. (examples: MAT-010, MAT-021, MAT-043, MAT-052, MAT 071; ENG 011)
17. CCP students may enroll in curriculum transition courses but may not enroll in non-curriculum transition courses. (examples: MAT 003; ENG 002)
18. CCP students may not audit courses.
19. CCP students may not be enrolled in the Associate in General Education or General Occupational Technology programs.
20. Students enrolled in Adult High School, Adult Basic Education, or Adult Secondary Education are not eligible for Career and College Promise.

Career & Technical Education Pathway Eligibility Information Juniors & Seniors

1. The Career and College Promise Career Technical Education Pathway for juniors and seniors leads to a certificate or diploma aligned with a high school Career Cluster.
2. To be eligible for enrollment in a Career and Technical Education pathway, a high school student must be a high school junior or senior and meet the following criteria:
 - a. Have an unweighted, cumulative GPA of 2.8 or higher on high school courses, **or**
 - b. Demonstrate college readiness in English, reading and mathematics on an assessment (See Appendix A for college readiness scores.), **or**
 - c. Have the recommendation of the high school principal or his/her designee and his/her rationale for recommendation in place of GPA requirement (assessment scores should be considered) and have the recommendation of the college's Chief Academic Officer or Chief Student Development Administrator; **and**
3. A recommendation for eligibility will not be permitted for CTE pathways that include UGETC (Universal General Education Transfer Component) course(s).
4. If a CTE pathway contains a UGETC (Universal General Education Transfer Component) course, the student must meet the same eligibility criteria as a transfer pathway student.
5. High school counselors should consider students' assessment scores in making pathway recommendations
6. College Career and Technical Education courses may be used to provide partial or full fulfillment of a high school career cluster. Where possible, students should be granted articulated credit based on the local or state North Carolina High School to Community College Articulation Agreement.
7. To maintain eligibility for continued enrollment, a student must
 - a. Continue to make progress toward high school graduation and
 - b. Maintain a 2.0 in college coursework after completing two courses.
 - c. A student who falls below a 2.0 GPA after completing two college courses will be subject to the college's policy for satisfactory academic progress.
8. Students who are successfully progressing towards high school graduation have access to the Career and Technical Education (CTE) Pathway for up to two years - one year as a junior and one year as a senior.
9. Colleges may request a graduation plan verifying what high school courses remain to complete high school and the anticipated high school graduation date.
10. A student may be awarded a certificate, diploma or AAS degree prior to high school graduation.
11. Colleges should follow the same graduation process for CCP students as is followed for traditional college students.
12. A student may not substitute courses in one program for courses in another.
13. The student may change his or her pathway major with approval of the high school principal or his/her designee and the college's chief academic officer or chief student development administrator. The college's chief academic officer or chief student development administrator shall approve a change in pathway based on verification provided by the student that the program change allows the student to meet their newly chosen career path. Verification could include (but is not limited to) a bachelor degree plan published by the university, a career pathway plan, career

- information published in the Occupational Outlook Handbook and/or information published in the North Carolina Career Cluster Guide, etc.
14. With approval of the high school principal or his/her designee and the college's chief academic officer or chief student development administrator, a student may concurrently enroll in:
 - a. One College Transfer Pathway and one curriculum Career and Technical Education Pathway **or**
 - b. Two curriculum Career and Technical Education Pathways **or**
 - c. One curriculum Career and Technical Education Pathway and one Workforce Continuing Education Pathway
 15. A student who completes the CTE certificate or diploma may continue in the same traditional, parent AAS program of study as long as they are still eligible for CCP. In order to continue, the program code should be changed to reflect the traditional, parent AAS program code. The student type will remain CCPP, and their student code will remain CTE in accordance with Student Coding guidelines.
 16. Colleges are responsible for adhering to external agency guidelines that may restrict CCP students from enrolling in specific programs.
 17. CCP students may not enroll in transition courses offered through CCR. (examples: BSP-4002 and BSP-4003)
 18. CCP students may enroll in supplemental courses. (examples: MAT-010, MAT-021, MAT-043, MAT-052, MAT 071; ENG 011)
 19. CCP students may enroll in curriculum transition courses but may not enroll in non-curriculum transition courses. (examples: MAT 003; ENG 002)
 20. CCP students may not audit courses.
 21. CCP students may not be enrolled in the Associate in General Education or General Occupational Technology programs.
 22. Students enrolled in Adult High School, Adult Basic Education, or Adult Secondary Education are not eligible for Career and College Promise.

CTE Test Score Requirements

Nearly all students qualify for enrollment in a Career and Technical Education pathway. However, courses within each pathway may have specific testing requirements.

If a student has met the testing criteria set forth by the College Transfer Test Score Requirements, then he/she will also meet all testing criteria for the CTE requirements.

1. If a student has not met the testing criteria set forth by the College Transfer requirements, they will work with their CCW Advisor to determine testing prerequisites according to the above CTE testing benchmark requirements (Appendix A).
2. Most CTE courses do not have a testing prerequisite. However, certain course pre-requisites exist and must be adhered to (i.e. ACC-120 is a prerequisite for ACC-121, but neither course requires tests scores).

Cooperative Innovative High School Pathway Eligibility Information

1. Cooperative Innovative High School Programs are public high schools located on college campuses, enroll 100 or fewer students per grade level, and provide opportunities for students to complete an associate degree program, diploma, certificate, or earn up to two years of college credit while completing a high school diploma within five years.
2. Eligibility requirements for Cooperative Innovative High School Programs are established jointly by local boards of education and local boards of trustees in accordance with G.S. 115C-238.50.
3. The AA/AS/AE//AAS may not be awarded prior to high school graduation verification. A student may be awarded a certificate or diploma prior to high school graduation.
4. Students pursuing credits beyond the initial transfer associate degree must provide documentation of justification based upon career pathway needs or transfer program requirements (i.e. bachelor degree plan published by the university). Approval must be granted by the high school principal or his/her designee and the college's chief academic officer or chief student development administrator prior to enrollment in a second transfer program.
5. The State Board of Community Colleges may waive the requirement that a Cooperative Innovative High School Program is located on the community college campus. Exceptions will be based on the local needs as outlined in the location waiver request. The approved waiver shall be maintained locally for documentation. The State Board of Community Colleges shall use the following factors to determine whether to approve location waivers:
 - a. Space availability
 - b. School Capacity
 - c. Proximity to the student population
 - d. Suitable, available space with equipment specific to the curriculum.
6. Cooperative Innovative High School Students may not audit courses.

Central Carolina Community College proudly partners with the Local Education Agencies in our service area. We currently offer three options for Cooperative Innovative High Schools:

Chatham County: The Chatham School of Science and Engineering

Principal: Mr. Bobby Dixon • bdixon@chatham.k12.nc.us • 919-663-5899

<https://sites.google.com/a/chatham.k12.nc.us/chatham-county-school-of-science-engineering/home>

Harnett County: Harnett County Early College

Principal: Mr. Walter McPherson • wmcpherson@harnett.k12.nc.us • 910-814-3470

<https://www.harnett.k12.nc.us/hcec>

Lee County: Lee Early College

Principal: Ms. Kisha Derr • kderr.lec@lee.k12.nc.us • 919-888-4502

<http://www.lee.k12.nc.us/leeearly>

Each Early College has its own application process and eligibility criteria. Please reach out to the school directly if you would like more information.

Career & College Promise Policies

Grading Policy

Students who elect to participate in the Career & College Promise program will be viewed as college students at Central Carolina Community College, with the same rights, responsibilities, and expectations as any other CCCC student. As such, final grades for all CCCC classes will be reported by the program director to the high school in letter format: A, B, C, D, F, W, and WF. Letter grades only will be issued for all official CCCC documentation (i.e. Aviso, WebAdvisor, transcript, etc.). Each school system (Chatham, Harnett, and Lee County Schools) will determine its own policy for reporting this letter grade on the student's high school transcript and report card.

More information about CCCC's grading and other policies can be found online in our Student Handbook: <http://www.cccc.edu/handbook/>

Textbook/Fee Policy

Although course tuition is provided at no charge through the Career and College Promise program, textbooks and course fees are not provided by Central Carolina Community College.

However, it has been common practice in Chatham, Harnett, and Lee County Schools that textbooks and course fees are provided by the school system for students during the fall and spring semesters. These textbooks are on loan to the students and should be returned to their high school at the end of each semester. Summer course costs are generally the responsibility of the student, with the exception of students enrolled in one of the Early College programs.

This practice is subject to change at any time. Students are encouraged to check with their high school for the most up-to-date information regarding textbooks and course fees.

Private, home school, and students who attend public high schools outside CCCC's three-county service area will be responsible for providing their own textbooks and other course materials.

Graduation Policy

A College Transfer Pathway (CTP) student may complete the Pre-Associate pathway (AA/AS/AE/ADN/AATP/ASTP) and then continue towards completion of the full degree. The (AA/AS/AE/ADN/AATP/ASTP) may be awarded prior to high school graduation verification.

A student may complete the CTE certificate or diploma and then continue towards completion of the AAS. The AAS may be awarded prior to high school graduation verification.

Meet Your Advisor

Early College, Private, Charter & Out- of-County Students

<p>Program Administrator</p> <p>Dr. Sara Newcomb Director of Secondary Partnerships (919) 718-7370 snewc286@cccc.edu Schedule an appointment with me: https://on.sprintful.com/sara-newcomb-8163</p>	<p>Lee Early College (Sanford)</p> <p>Nick Testa Early College Coordinator 919-718-7528 ntesta@cccc.edu Schedule an appointment with me: https://calendly.com/ntest089/30min/</p>	<p>All Private Schools Chatham, Harnett, and Lee Counties</p> <p>Ben Thomas 919-499-5113 bthomas@cccc.edu Schedule an appointment with me: https://on.sprintful.com/ben-thomas-0528</p>
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<p>Chatham Early College (Chatham School of Science and Engineering)</p> <p>Fae Goodman College Liaison/Instructor Chatham Early College (919) 545-8047 fgoodman@cccc.edu Schedule an appointment with me: http://calendly.com/fgood043</p>	<p>Harnett Early College</p> <p>Megan Ferguson Career and College Advisor 919-639-6161 mferguson@cccc.edu Schedule an appointment with me: https://on.sprintful.com/megan-burgess-hcec-advising-meeting</p>	<p>Out-of- County Schools</p> <p>Kelly Dorman Career and College Advisor 919-837-2251 kdorman@cccc.edu Schedule an appointment with me: https://on.sprintful.com/kelly-dorman-2221</p>
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Chatham County

<p>Chatham Central High School</p> <p>Kelly Dorman 919-837-2251 kdorman@cccc.edu Schedule an appointment with me: https://on.sprintful.com/kelly-dorman-2221</p>	<p>Northwood High School</p> <p>Timarie Franco 919-542-4181 tfran108@cccc.edu Schedule an appointment with me: https://calendly.com/tfran108</p>	<p>Jordan-Matthews High School</p> <p>April Hammonds Chatham County Lead 919-742-2916 ahammonds@cccc.edu Schedule an appointment with me: https://on.sprintful.com/mshammonds</p>
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Harnett County

<p>Harnett Central High School</p> <p>Megan Ferguson 919-639-6161 mferguson@cccc.edu Schedule an appointment with me: https://on.sprintful.com/megan-burgess-advising</p>	<p>Triton High School</p> <p>Tracy Autry Harnett County Lead 910-897-8123 ext. 2804 tautry@cccc.edu Schedule an appointment with me: https://calendly.com/tautr335/15min?month=2022-01</p>	<p>Overhills High School</p> <p>Samantha Lane 910-436-1436 slane774@cccc.edu Schedule an appointment with me: https://calendly.com/slanelane774/ccp-advising</p>
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Western Harnett High School

Ben Thomas
919-499-5113
bthomas@cccc.edu
Schedule an appointment with me:
<https://on.sprintful.com/ben-thomas-0528>

Lee County

Lee County High School	Southern Lee High School
<p>Heather McKenzie 919-718-7504 hmcke851@cccc.edu Schedule an appointment with me: https://calendly.com/hmcke851/15min</p>	<p>Lara Abels Lee County Lead 919-718-2400 label944@cccc.edu Schedule an appointment with me: https://on.sprintful.com/lara-abels-slhs</p>

Home School

<p>Mary Schmid Carter College Access Coordinator (919) 718-7542 mschmid@cccc.edu Schedule an appointment with me: www.calendly.com/mschmid</p>

For additional contact information, please visit our website: <http://www.cccc.edu/high-school/ccp/>
 Disclaimer: Information in this guide is subject to change. Our website has the most current information.

Pathway Breakdown

College Transfer Academic Programs		Availability:
P1012C	Pre-Associate in Arts	Online & seated at Lee, Chatham & Harnett Main Campus
P1052C	Pre-Associate in Engineering	Online & seated at Lee, Chatham & Harnett Main Campus
P1042C	Pre-Associate in Science	Online & seated at Lee, Chatham & Harnett Main Campus
P1032C	Pre-Associate Degree Nursing	Online & seated at Lee, Chatham & Harnett Main Campus
P1012T	Pre-Associate in Arts- Teacher Preparation	Online & seated at Lee, Chatham & Harnett Main Campus
P1014T	Pre-Associate in Science- Teacher Preparation	Online & seated at Lee, Chatham & Harnett Main Campus
Career & Technical Education Academic Programs		Availability:
C25800CW*	Accounting and Finance Certificate	Online & Lee Main Campus
C25800CP	Accounting and Finance Certificate	Online & Lee Main Campus
D25800CW*	Accounting and Finance Diploma	Online & Lee Main Campus
C35100CW	Air Conditioning, Heating & Refrigeration Technology Certificate	Lee Main Campus (Tentative Fall 22)
C60140CW	Automotive Restoration Technology Certificate	Lee & some at Western Harnett Center
D60140CP*	Automotive Restoration Technology Diploma	Lee & some at Western Harnett Center
D60140CW	Automotive Restoration Technology Diploma	Lee & some at Western Harnett Center
C60160CP	Automotive Systems Technology Certificate	Lee & Chatham Main Campus
C60160CW	Automotive Systems Technology Certificate	Lee Main Campus
D60160CP*	Automotive Systems Technology Diploma	Lee Main Campus
D60160CW*	Automotive Systems Technology Diploma	Lee Main Campus
C55110CP	Barbering Certificate	Dunn Campus
C50440CW	Bioprocess Technology Certificate	Lee & Chatham (Tentative Fall 22)
C30120CP	Broadcasting and Production Technology Certificate	Lee & Harnett Main Campus -seated only

D30120CP*	Broadcasting and Production Technology Diploma	Lee Main Campus
D30120CW*	Broadcasting and Production Technology Diploma	Lee Main Campus
C30120CW	Broadcasting and Production Technology Certificate	Harnett Main Campus seated only
C35140CW	Building Construction Technology	Chatham Main Campus
D25120CW*	Business Administration Diploma	Online & some seated at Lee, Chatham & Harnett Main Campus
C25120CP	Business Administration Certificate	Online & some seated at Lee, Chatham & Harnett Main Campus
C25120CW*	Business Administration Certificate	Online & some seated at Lee, Chatham & Harnett Main Campus
C50210CP	Computer-Integrated Machining Certificate	Lee Main Campus
D50210CP*	Computer-Integrated Machining Diploma	Lee Main Campus
D50210CW*	Computer-Integrated Machining Diploma	Lee Main Campus
C50210CW	Computer-Integrated Machining Certificate	Lee Main Campus
C55140CP	Cosmetology Certificate	Seated at Lee, Harnett & Chatham Main Campus
C55180CW	Criminal Justice Technology Certificate	Online & Seated at Lee, Harnett Main Campus & Triton High School
D55180CP*	Criminal Justice Technology Diploma	Online & Seated at Lee & Harnett Main Campus
D55180CW*	Criminal Justice Technology Diploma	Online & Seated at Lee & Harnett Main Campus
C5518CCW	Criminal Justice Technology Forensic Science Certificate	Online & Lee Main Campus
C55150CP	Culinary Arts Certificate	Some online, Lee Main, Chatham Main, Harnett-Dunn site, & Bragg Street
C45240CW*	Dental Assisting Certificate	Online & Lee Main Campus
D55220CP*	Early Childhood Education Diploma	Online & Lee Main Campus
D55220CW*	Early Childhood Education Diploma	Online & Lee Main Campus
C35130CW	Electrical Systems Technology Certificate	Chatham Main Campus
C40200CW*	Electronics Engineering Technology Certificate	Lee Main Campus
D40200CP*	Electronics Engineering Technology Diploma	Lee Main Campus
C45630CW	Health and Fitness Science Certificate	Lee & Chatham Main Campus
C45360CW	Health Information Technology Certificate	Online & Lee Main Campus

C25200CW	Healthcare Management Technology Certificate	Online & Lee Main Campus
D45380CW*	Human Services Technology Diploma	Online & Lee Main Campus
D50240CP*	Industrial Systems Technology Diploma	Lee Main Campus
D50240CW*	Industrial Systems Technology Diploma	Lee Main Campus
C50240CW	Industrial Systems Technology Certificate	Lee Main Campus
C50240CAT	Industrial Systems Welding Youth Apprenticeship Certificate	Lee County Student only- Seated at Lee main campus in Lee Innovation Center
C55290CP	Infant/Toddler Care Certificate	Online & Lee Main Campus
C25590C1	Information Technology Certificate	Lee Main Campus
D25590CW*	Information Technology Diploma	Online & Lee Main Campus
C25590CW	Information Technology Hardware Certificate	Online & Lee Main Campus
C25590C3	Information Technology IC3 Certificate	Online & Lee Main Campus
C25590CP	Information Technology Comp Programming Certificate	Online & Lee Main Campus
D40280CP*	Laser and Photonics Technology Diploma	Seated Harnett Main Campus
C55310CW	Library and Information Technology Certificate	Online
D55310CP*	Library and Information Technology Diploma	Online
D55310CW*	Library and Information Technology Diploma	Online
C55400CW	Manicuring/Nail Technology Certificate	Seated Harnett Main Campus
D35280CP	Masonry Diploma	Lee Main Campus
C40320CW	Mechanical Engineering Technology Certificate	Lee Main Campus
D45400CW*	Medical Assisting Diploma	Online
D45920CW	Medical Assisting Diploma	Online
D25310CW*	Medical Office Administration Diploma	Online
C60260CW	Motorcycle Mechanics Certificate	Lee Main Campus
D60260CW*	Motorcycle Mechanics Diploma	Lee Main Campus
D45970CW*	Nurse Aide Diploma	Seated in Lee, Chatham & Harnett Main Campus
C25380CW	Paralegal Technology Certificate	Online & some seated at Lee Main Campus

D40370CW*	Sustainability Technologies Diploma	Chatham Main Campus
D15410CW*	Sustainable Agriculture Diploma	Chatham Main Campus
C15410C5	Sustainable Agriculture Certificate: Agribusiness	Triton High School
C15410C1	Sustainable Agriculture Certificate: Horticulture	Triton High School
C15410C3	Sustainable Agriculture Certificate: Ag Mechanics	Triton High School
C15410C4	Sustainable Agriculture Certificate: Animal Science	Triton High School
C15410C2	Sustainable Agriculture Certificate: Natural Resources	Triton High School
C45780CW*	Veterinary Medical Technology Certificate	Online & seated enrollment required at Lee Main campus for select courses
C50420CW	Welding Technology Certificate	Lee, Chatham & Harnett Main Campus
D50420CP*	Welding Technology Diploma	Lee & Harnett Main Campus
D50420CW	Welding Technology Diploma	Lee & Harnett Main Campus
* Programs that require a 2.8 unweighted GPA or higher		

College vs High School Credit

Per agreement between the North Carolina Community College System and the North Carolina Department of Public Instruction, the following credit will be awarded:

Semester Credit Hours:	1-2	3-4	5-8	9+	(on college transcript)
High School Credits:	0	1	2	3	(on high school transcript)

College courses identified in the Comprehensive Articulation Agreement (CAA) will receive the same course weight as AP and IB courses. Select CTE courses receive inherently honors weight.

- Link to Dual Credit Allowances for Career & College Promise:
<https://www.dpi.nc.gov/media/10212/download?attachment>

*Credit awarded subject to change per DPI and NCCCS policy.

College Transfer Pathways

The courses offered in the Career & College Promise College Transfer Pathways are part of the Comprehensive Articulation Agreement (CAA), which is a statewide agreement governing the transfer of credits between NC community colleges and NC public universities that has as its objective the smooth transfer of credit. All courses, with the exception of the optional foreign language classes, are part of the Universal General Education Transfer Component (UGETC) list. If a student obtains a C or above in a UGETC course, then transferability of that specific course is guaranteed, regardless of whether or not the student completes the transfer degree.

Pre-Associate in Arts (32-41* SHC)

The CCP College Transfer Pathway Leading to the Associate in Arts is designed for high school juniors and seniors who wish to begin study toward the Associate in Arts degree and a baccalaureate degree in a non-STEM major.

Pre-Associate in Engineering (34-50*[^] SHC)

The CCP College Transfer Pathway Leading to the Associate in Engineering is designed for high school juniors and seniors who wish to begin study toward the Associate in Engineering degree and a baccalaureate degree in a STEM or technical major.

^ PREREQUISITE GENERAL EDUCATION HOURS (0-8 SHC)

Students in the Pre-AE pathway who do not place directly into MAT 271 must complete MAT 171 and MAT 172 prior to enrolling in MAT 271 Calculus I.

Pre-Associate in Science (35-43* SHC)

The CCP College Transfer Pathway Leading to the Associate in Science is designed for high school juniors and seniors who wish to begin study toward the Associate in Science degree and a baccalaureate degree in a STEM or technical major.

***OPTIONAL GENERAL EDUCATION HOURS (0-8 SHC)**

A student may take up to 8 SHC of foreign language courses and accompanying labs, in a single language, designated as General Education in the CAA as a part of this pathway. These courses are not a part of the Universal General Education Transfer Component. Students who complete these courses with a grade of "C" or better will receive transfer credit. The receiving university will determine whether the courses will count as general education, pre-major, or elective credit.

Central Carolina Community College offers the following options for foreign language:

- ___ ASL 111 American Sign Language I
- ___ ASL 112 American Sign Language II
- ___ SPA 111 Elementary Spanish I
- ___ SPA 112 Elementary Spanish II

Associate Degree Nursing (58-60 SHC)

The CCP ADN Pathway is designed for high school juniors and seniors who wish to begin their educational studies toward the Associate in Nursing degree and a Baccalaureate degree in Nursing. The pathway is based on Blocks 1 through 3 of the Uniform Articulation Agreement (UAA) between the University of North Carolina's Registered Nurse to Bachelor of Science in Nursing programs and the North Carolina Community College Associate Degree Nursing Programs which was approved by the State Board of Community Colleges and the UNC Board of Governors in February 2015.

A student who completed an AAS in Nursing with a GPA of at least 2.0 and a grade of C or better in the RN to BSN AA courses listed below and who holds a current unrestricted license as a Registered Nurse in North Carolina will have fulfilled the UNC institutions lower-division general education requirements as well as nursing program entry requirements. However, because nursing program admissions are competitive, no student is guaranteed admission to the program of his or her choice.

For additional information about Blocks 2 and 3 of the Five Block Degree Plan located within the UAA between the University of North Carolina RN to BSN please visit:

<http://www.nccommunitycolleges.edu/academic-programs/college-transferarticulation-agreements/uniform-articulation-agreement-rn-bsn>

Pre-Associate in Arts - Teacher Preparation (35-43* SHC)

Pre-Associate in Science - Teacher Preparation (35-43* SHC)

Pre-Associate in Arts (P1012C)

English Composition (6 SHC) (two required courses)

- ENG 111 Writing & Inquiry (3 SHC)
- ENG 112 Writing/Research in the Disciplines (3 SHC)

Communication/Humanities/Fine Arts (9 SHC) (select three courses from at least two different disciplines)

- COM 120 Intro to Interpersonal Communications (3 SHC)
- COM 231 Public Speaking (3 SHC)
- ART 111 Art Appreciation (3 SHC)
- ART 114 Art History Survey I (3 SHC)
- ART 115 Art History Survey II (3 SHC)
- DRA-111 Theatre Appreciation (3 SHC)
- ENG 231 American Literature I (3 SHC)
- ENG 232 American Literature II (3 SHC)
- ENG 241 British Literature I (3 SHC)
- ENG 242 British Literature II (3 SHC)
- MUS 110 Music Appreciation (3 SHC)
- MUS 112 Introduction to Jazz (3 SHC)
- PHI 215 Philosophical Issues (3 SHC)
- PHI 240 Introduction to Ethics (3 SHC)

Social/Behavioral Sciences (9 SHC) (select three courses from at least two different disciplines)

- ECO 251 Principles of Microeconomics (3 SHC)
- ECO 252 Principles of Macroeconomics (3 SHC)
- HIS 111 World Civilizations I (3 SHC)
- HIS 112 World Civilizations II (3 SHC)
- HIS 131 American History I (3 SHC)
- HIS 132 American History II (3 SHC)
- POL 120 American Government (3 SHC)
- PSY 150 General Psychology (3 SHC)
- SOC 210 Introduction to Sociology (3 SHC)

Math (3-4 SHC) (select one required course)

- MAT 143 Quantitative Literacy (3 SHC)
- MAT 152 Statistical Methods I (4 SHC)
- MAT 171 Precalculus Algebra (4 SHC)

Natural Sciences (4 SHC) (select one required course)

- AST 111 Descriptive Astronomy (3 SHC) and AST 111A Descriptive Astronomy Lab (1 SHC)
- AST 151 & AST 151A General Astronomy I (4 SHC)
- BIO 110 Principles of Biology (4 SHC)
- BIO 111 General Biology I (4 SHC)
- CHM 151 General Chemistry I (4 SHC)
- GEL 111 Introductory Geology (4 SHC)
- PHY 110 Conceptual Physics (3 SHC) and PHY 110A Conceptual Physics Lab (1 SHC)

Academic Transition (1 SHC) (one required course)

- ACA 122 College Transfer Success (1 SHC)

Minimum Total Semester Hours Credit Required: 32

Pre-Associate in Engineering (P1052C)

English Composition (6 SHC) (two required courses)

- ENG 111 Writing & Inquiry (3 SHC)
- ENG 112 Writing/Research in the Disciplines (3 SHC)

Communication/Humanities/Fine Arts (3 SHC) (select one required course)

- ART 111 Art Appreciation (3 SHC)
- ART 114 Art History Survey I (3 SHC)
- ART 115 Art History Survey II (3 SHC)
- COM 231 Public Speaking (3 SHC)
- ENG 231 American Literature I (3 SHC)
- ENG 232 American Literature II (3 SHC)
- ENG 241 British Literature I (3 SHC)
- ENG 242 British Literature II (3 SHC)
- MUS 110 Music Appreciation (3 SHC)
- MUS 112 Introduction to Jazz (3 SHC)
- PHI 215 Philosophical Issues (3 SHC)
- PHI 240 Introduction to Ethics (3 SHC)

Social/Behavioral Sciences (3 SHC) (one required course)

- ECO 251 Principles of Microeconomics (3 SHC)

Math (8 SHC) (one required course) (two required courses)

- MAT 271 Calculus I (4 SHC) and MAT 272 Calculus II (4 SHC)

Natural Science (8 SHC) (select two required courses)

- CHM 151 General Chemistry I (4 SHC)
- PHY 251 General Physics I (4 SHC)
- PHY 252 General Physics II (4 SHC)

Academic Transition (1 SHC) (one required course)

- ACA 122 College Transfer Success (1 SHC)

Other Required Hours (5 SHC) (two required courses)

- DFT 170 Engineering Graphics (3 SHC)
- EGR 150 Introduction to Engineering (2 SHC)

Minimum Total Semester Hours Credit Required: 34*

*Students needing to take MAT-171 and 172 prior to enrolling in MAT-271 will have 42 hours required.

Pre-Associate in Science (P1042C)

English Composition (6 SHC) (two required courses)

- ENG 111 Writing & Inquiry (3 SHC)
- ENG 112 Writing/Research in the Disciplines (3 SHC)

Communication/Humanities/Fine Arts (6 SHC) (select two courses from at least two different disciplines)

- COM 120 Intro Interpersonal Communication (3 SHC)
- COM 231 Public Speaking (3 SHC)
- ART 111 Art Appreciation (3 SHC)
- ART 114 Art History Survey I (3 SHC)
- ART 115 Art History Survey II (3 SHC)
- DRA 111 Theatre Appreciation (3 SHC)
- ENG 231 American Literature I (3 SHC)
- ENG 232 American Literature II (3 SHC)
- ENG 241 British Literature I (3 SHC)
- ENG 242 British Literature II (3 SHC)
- MUS 110 Music Appreciation (3 SHC)
- MUS 112 Introduction to Jazz (3 SHC)
- PHI 215 Philosophical Issues (3 SHC)
- PHI 240 Introduction to Ethics (3 SHC)

Social/Behavioral Sciences (6 SHC) (select two courses from at least two different disciplines)

- ECO 251 Principles of Microeconomics (3 SHC)
- ECO 252 Principles of Macroeconomics (3 SHC)
- HIS 111 World Civilizations I (3 SHC)
- HIS 112 World Civilizations II (3 SHC)
- HIS 131 American History I (3 SHC)
- HIS 132 American History II (3 SHC)
- POL 120 American Government (3 SHC)
- PSY 150 General Psychology (3 SHC)
- SOC 210 Introduction to Sociology (3 SHC)

Math (8 SHC) (one required course) (select two required courses)

- MAT 171 Precalculus Algebra (4 SHC)
- MAT 172 Precalculus Trigonometry (4 SHC)
- MAT 263 Brief Calculus (4 SHC)
- MAT 271 Calculus I (4 SHC)
- MAT 272 Calculus II (4 SHC)

Natural Sciences (8 SHC) (select two required courses)

- ___ AST 151 General Astronomy I (3 SHC) and AST 151 General Astronomy I Lab (1 SHC)
- ___ BIO 110 Principles of Biology (4 SHC) and GEL 111 Geology (4 SHC)
- ___ BIO 111 General Biology I (4 SHC) and ___ BIO 112 General Biology II (4 SHC)
- ___ CHM 151 General Chemistry I (4 SHC) and ___ CHM 152 General Chemistry II (4 SHC)
- ___ GEL 111 Geology (4 SHC)
- ___ PHY 110 Conceptual Physics (3 SHC) and PHY 110A Conceptual Physics Lab (1 SHC)
- ___ PHY 151 College Physics I (4 SHC) and ___ PHY 152 College Physics II (4 SHC)
- ___ PHY 251 General Physics I (4 SHC) and ___ PHY 252 General Physics II (4 SHC)

Academic Transition (1 SHC) (one required course)

- ___ ACA 122 College Transfer Success (1 SHC)

Minimum Total Semester Hours Credit Required: 35

Pre-Associate Degree Nursing (P1032C)

English Composition (6 SHC) (select two courses, including ENG-111)

- ENG 111 Writing & Inquiry (3 SHC)
- ENG 112 Writing/Research in the Disc. (3 SHC)
- ENG 114 Prof Research & Reporting (3 SHC)

Humanities/Fine Arts (3 SHC) (select one course)

- ART 111 Art Appreciation (3 SHC)
- ART 114 Art History Survey I (3 SHC)
- ART 115 Art History Survey II (3 SHC)
- HUM 115 Critical Thinking (3 SHC)
- MUS 110 Music Appreciation (3 SHC)
- MUS 112 Introduction to Jazz (3 SHC)
- PHI 215 Philosophical Issues (3 SHC)
- PHI 240 Introduction to Ethics (3 SHC)

Social/Behavioral Sciences (6 SHC) (the following courses are required)

- PSY 150 General Psychology (3 SHC)
- PSY 241 Developmental Psychology (3 SHC)

Natural Sciences (8 SHC)

- BIO 165 Anatomy and Physiology I (4 SHC) and BIO 166 Anatomy & Physiology II (4 SHC)
- BIO 168 Anatomy and Physiology I (4 SHC) and BIO 169 Anatomy & Physiology II (4 SHC)

Other Required Hours (1 SHC)

- ACA 122 College Transfer Success (1 SHC)

Minimum Total Semester Hours Credit Required: 24

Pre-Associate Degree Associate of Arts- Teacher Preparation (P1012T)

English Composition (6 SHC) The following two English composition courses are required:

- ENG 111 Writing & Inquiry (3 SHC)
- ENG 112 Writing/Research in the Disciplines (3 SHC)

Select three courses from the following from at least two different disciplines (9 SHC)

Communication

- COM 120 Introduction to Interpersonal Communication (3 SHC)
- COM 231 Public Speaking (3 SHC)

Humanities/Fine Arts

- ART 111 Art Appreciation (3 SHC)
- ART 114 Art History Survey I (3 SHC)
- ART 115 Art History Survey II (3 SHC)
- DRA 111 Theatre Appreciation (3 SHC)
- ENG 231 American Literature I (3 SHC)
- ENG 232 American Literature II (3 SHC)
- ENG 241 British Literature I (3 SHC)
- ENG 242 British Literature II (3 SHC)
- MUS 110 Music Appreciation (3 SHC)
- MUS 112 Introduction to Jazz (3 SHC)
- PHI 215 Philosophical Issues (3 SHC)
- PHI 240 Introduction to Ethics (3 SHC)

Social/Behavioral Sciences (6 SHC) (Select two courses from the following from at least two different disciplines)

- ECO 251 Principles of Microeconomics (3 SHC)
- ECO 252 Principles of Macroeconomics (3 SHC)
- HIS 111 World Civilizations I (3 SHC)
- HIS 112 World Civilizations II (3 SHC)
- HIS 131 American History I (3 SHC)
- HIS 132 American History II (3 SHC)
- POL 120 American Government (3 SHC)
- PSY 150 General Psychology (3 SHC)
- SOC 210 Introduction to Sociology (3 SHC)

Math (3-4 SHC) Select one course from the following:

- MAT 143 Quantitative Literacy (3 SHC)
- MAT 152 Statistical Methods I (4 SHC)
- MAT 171 Precalculus Algebra (4 SHC)

Natural Sciences (4 SHC) (Select 4 SHC from the following courses)

- AST 111 Descriptive Astronomy (3 SHC) and AST 111A Descriptive Astronomy Lab (1 SHC)
- AST 151 General Astronomy I (3 SHC) and AST 151A General Astronomy Lab I (1 SHC)
- BIO 110 Principles of Biology (4 SHC)
- BIO 111 General Biology I (4 SHC)
- CHM 151 General Chemistry I (4 SHC)
- GEL 111 Introductory Geology (4 SHC)

___PHY 110 Conceptual Physics (3 SHC) and PHY 110A Conceptual Physics Lab (1 SHC)

Other Required General Education (3 SHC)

___SOC 225 Social Diversity (3 SHC)

Other Required Hours (8 SHC)

Education (7 SHC) (The following courses are required)

___EDU 187 Teaching and Learning for All* (4 SHC)

___EDU 216 Foundations of Education (3 SHC)

Academic Transition (1 SHC) (The following course is required)

___ACA 122 College Transfer Success (1 SHC)

Minimum Total Semester Hours Credit Required: 31-32

*Students who have completed Teacher Cadet or Teaching as a Profession courses in high school with a B or better may substitute that course for EDU 187 Teaching and Learning for All. High school faculty must meet transfer level qualifications as established by SACSCOC or other accrediting body.

Pre-Associate Degree Associate of Science- Teacher Preparation (P1014T)

English Composition (6 SHC) The following two English composition courses are required:

- ENG 111 Writing & Inquiry (3 SHC)
- ENG 112 Writing/Research in the Disciplines (3 SHC)

Select two courses from the following from at least two different disciplines (6 SHC)

Communication

- COM 120 Introduction to Interpersonal Communication (3 SHC)
- COM 231 Public Speaking (3 SHC)

Humanities/Fine Arts

- ART 111 Art Appreciation (3 SHC)
- ART 114 Art History Survey I (3 SHC)
- ART 115 Art History Survey II (3 SHC)
- DRA 111 Theatre Appreciation (3 SHC)
- ENG 231 American Literature I (3 SHC)
- ENG 232 American Literature II (3 SHC)
- ENG 241 British Literature I (3 SHC)
- ENG 242 British Literature II (3 SHC)
- MUS 110 Music Appreciation (3 SHC)
- MUS 112 Introduction to Jazz (3 SHC)
- PHI 215 Philosophical Issues (3 SHC)
- PHI 240 Introduction to Ethics (3 SHC)

Social/Behavioral Sciences (6 SHC) (Select one course from the following)

- ECO 251 Principles of Microeconomics (3 SHC)
- ECO 252 Principles of Macroeconomics (3 SHC)
- HIS 111 World Civilizations I (3 SHC)
- HIS 112 World Civilizations II (3 SHC)
- HIS 131 American History I (3 SHC)
- HIS 132 American History II (3 SHC)
- POL 120 American Government (3 SHC)
- PSY 150 General Psychology (3 SHC)
- SOC 210 Introduction to Sociology (3 SHC)

Math (8 SHC) (Select two courses from the following)

- MAT 171 Precalculus Algebra (4 SHC)
- MAT 172 Precalculus Trigonometry (4 SHC)
- MAT 263 Brief Calculus (4 SHC)
- MAT 271 Calculus I (4 SHC)
- MAT 272 Calculus II (4 SHC)

Natural Sciences (8 SHC) (Select 8 SHC from the following)

- AST 151 General Astronomy I (3 SHC) and AST151A General Astronomy Lab I (1 SHC)
- BIO 110 Principles of Biology (4 SHC)
- BIO 111 General Biology I (4 SHC) and BIO 112 General Biology II (4 SHC)
- CHM 151 General Chemistry I (4 SHC) and CHM 152 General Chemistry II (4 SHC)

___ GEL 111 Introductory Geology (4 SHC)

___ PHY 110 Conceptual Physics (3 SHC) and PHY 110A Conceptual Physics Lab (1 SHC)

___ PHY 151 College Physics I (4 SHC) and PHY 152 College Physics II (4 SHC)

___ PHY 251 General Physics I (4 SHC) and PHY 252 General Physics II (4 SHC)

Other Required General Education (3 SHC)

___ SOC 225 Social Diversity (3 SHC)

Other Required Hours (8 SHC)

Education (7 SHC) (The following courses are required)

___ EDU 187 Teaching and Learning for All* (4 SHC)

___ EDU 216 Foundations of Education (3 SHC)

The following courses are required:

___ EDU 187 Teaching and Learning for All* (4 SHC)

___ EDU 216 Foundations of Education (3 SHC)

Academic Transition (1 SHC) (The following course is required)

___ ACA 122 College Transfer Success (1 SHC)

Total General Education Hours Required: 34

*Students who have completed Teacher Cadet or Teaching as a Profession courses in high school with a B or better may substitute that course for EDU 187 Teaching and Learning for All. High school faculty must meet transfer level qualifications as established by SACSCOC or other accrediting body.

Career & Technical Education

Pathways

Information Specific to CTE Pathway Programs of Study

The college must already have received State Board approval to offer the traditional program in order to file a POS for a Career Technical Education pathway (i.e. the college must be approved for Welding in order to file a POS to offer a Welding CTE pathway.)

The college must utilize the current curriculum standard as the guideline for CTE Pathways. The curriculum standards are located at:

<http://www.nccommunitycolleges.edu/academic-programs/curriculum-standards>.

The program of study must consist of specific course requirements and may not include elective options (pick lists) for students.

The CTE certificate program of study must include either a minimum of 12 semester hours credit derived from the core of the curriculum standard or consist of courses in a local traditional certificate as listed in the college's catalog. Local certificates may not include course pick lists. Local certificates or diplomas submitted as CTE certificate pathways must include the following college comment: Courses included in this CTE program of study are offered in the college's traditional, local certificate as listed in the college catalog.

The college may submit more than one CTE certificate/diploma for a specific program in order to accommodate the needs of various high school districts. The college must file each as a separate certificate/diploma(s).

Accounting

Accounting Foundations Certificate – C25800CW*

Course	Title	College Cred	High School Cred
ACC-120	Principles of Financial Accounting	4	1
ACC-121	Principles of Managerial Accounting	4	1
ECO-251	Principles of Microeconomics	3	1
ECO-252	Principles of Macroeconomics	3	1
4 total courses		14	4

***Requires an unweighted 2.8 GPA or higher**

Accounting and Finance Certificate – C25800CP

Course	Title	College Cred	High School Cred
ACC-120	Principles of Financial Accounting	4	1
ACC-121	Principles of Managerial Accounting	4	1
ACC-129	Individual Income Taxes	3	1
ACC-149	Introduction to Accounting Spreadsheets	2	0
4 total courses		13	3

Accounting Diploma – D25800CW*

Course	Title	College Cred	High School Cred
ACA-122	College Transfer Success	1	0
ACC-120	Principles of Financial Accounting	4	1
ACC-121	Principles of Managerial Accounting	4	1
ACC-122	Principles of Accounting II	3	1
ACC-129	Individual Income Taxes	3	1
ACC-130	Business Income Taxes	3	1
ACC-140	Payroll Accounting	2	0
ACC-150	Accounting Software Applications	2	0
ART-111	Art Appreciation	3	1
BUS-110	Introduction to Business	3	1
BUS-115	Business Law I	3	1
BUS-125	Personal Finance	3	1
CIS-110	Introduction to Computers	3	1
COM-231	Public Speaking	3	1
ECO-251	Principles of Microeconomics	3	1
15 total courses		43	12

***Requires an unweighted 2.8 GPA or higher**

Air Conditioning, Heating & Refrigeration Technology

Air Conditioning, Heating & Refrigeration Technology Certificate (C35100CW)

Course	Title	College Cred	High School Cred
AHR-110	Refrigeration	5	2
AHR-111	HVACR Electricity	3	1
AHR-114	Heat Pump Technology	4	1
3 total courses		12	4

Automotive Restoration Technology

Automotive Restoration Technology Certificate – C60140CW

Course	Title	College Cred	High School Cred
AUB-111	Painting & Refinishing I	4	1
AUB-112	Painting & Refinishing II	4	1
TRN-110	Intro to Transportation Tech	2	0
TRN-120	Basic Transportation Electricity	5	2
4 total courses		15	4

Automotive Restoration Technology Diploma – D60140CW*

Course	Title	College Cred	High School Cred
ACA-122	College Transfer Success	1	0
ARS-112	Auto Restoration Research	3	1
ARS-113	Automobile Upholstery	4	1
ARS-114	Restoration Skills I	4	1
ARS-117	Automotive Engines	2	0
ARS-118	Wood & Metal Restoration	3	1
AUB-111	Painting & Refinishing I	4	1
AUB-112	Painting & Refinishing II	4	1
COM-231	Public Speaking	3	1
HUM-110	Technology and Society	3	1
TRN-110	Intro to Transportation Tech	2	0
TRN-120	Basic Transportation Electricity	5	2
TRN-180	Basic Welding for Transportation	3	1
AUB-131	Structural Damage !	4	1
14 total courses		45	12

***Requires an unweighted 2.8 GPA or higher**

Automotive Systems Technology

Automotive Systems Technology Certificate– C60160CW

Course	Title	College Cred	High School Cred
AUT-151	Brake Systems	3	1
AUT-151A	Brake Systems Lab	1	0
AUT-163	Advanced Auto Electricity	3	1
AUT-163A	Advanced Auto Electricity Lab	1	0
AUT-181	Engine Performance I	3	1
AUT-181A	Engine Performance I Lab	1	0
TRN-120	Basic Transportation Electricity	5	2
7 total courses		17	5

Automotive Systems Technology Certificate– C60160CP

Course	Title	College Cred	High School Cred
TRN-110	Intro to Transport Tech	2	0
TRN-111	Chassis Maint/Light Repair	4	1
TRN-112	Powertrain Maint/Light Repair	4	1
TRN-170	Pc Skills for Transp	2	0
4 total courses		12	3*

***TRN 110 & TRN 111 combined = 1 HS Credit**

***TRN 112 & TRN 170 combined = 1 HS Credit**

Suggested Sequencing:

Chatham County Option (Pittsboro)

Fall Year One: TRN-110 = (1st or 2nd block in high school schedule)

Spring Year One: TRN 111 = (1st or 2nd block in high school schedule)

Fall Year Two: TRN 112 = (4th block in high school schedule)

Spring Year Two: TRN 170 = (4th block in high school schedule)

Automotive Systems Technology Diploma – D60160CW*

Course	Title	College Cred	High School Cred
ACA-122	College Transfer Success	1	0
AUT-114	Safety and Emissions	2	1
AUT-114A	Safety and Emissions Lab	1	0
AUT-141	Suspension & Steering Systems	3	1
AUT-141A	Suspension & Steering Systems Lab	1	0
AUT-151	Brake Systems	3	1
AUT-151A	Brake Systems Lab	1	0
AUT-163	Advanced Auto Electricity	3	1
AUT-163A	Advanced Auto Electricity Lab	1	0
AUT-181	Engine Performance I	3	1
AUT-181A	Engine Performance I Lab	1	0
AUT-183	Engine Performance II	4	1
CIS-111	Basic PC Literacy	2	0
COM-231	Public Speaking	3	1
HUM-110	Technology and Society	3	1
TRN-110	Intro to Transportation Tech	2	0
TRN-120	Basic Transportation Electricity	5	2
TRN-140	Transportation Climate Control	2	1
TRN-140A	Transportation Climate Control Lab	2	0
19 total courses		43	11

***Requires an unweighted 2.8 GPA or higher**

Barbering

Barbering Certificate – C55110CP

Course	Title	College Cred	High School Cred
BAR-111	Barbering Concepts I	4	1
BAR-112	Barbering Clinic I	8	2
BAR-113	Barbering Concepts II	4	1
BAR-114	Barbering Clinic II	8	2
4 total courses		24	6

Bioprocess Technology

Bioprocess Technology Certificate – C50440CW

Course	Title	College Cred	High School Cred
BPM 110	Bioprocess Practices	3	1
BPM 111	Bioprocess Measurements	3	1
BPM 112	Upstream Bioprocessing	3	1
BIO 110	Principles of Biology	3	1
4 total courses		12	4

Broadcasting and Production Technology

Audio/Radio Production Certificate – C30120CW

Course	Title	College Cred	High School Cred
BPT-121	Broadcast Speech I	3	1
BPT-122	Broadcast Speech II	3	1
BPT-131	Audio/Radio Production I	4	1
BPT-132	Audio/Radio Production II	4	1
4 total courses		14	4

Broadcasting/Podcasting and Digital Audio – C30120CP

Course	Title	College Cred	High School Cred
BPT-110	Intro to Broadcasting	3	1
BPT-131	Audio/Radio Production I	4	1
BPT-132	Audio/Radio Production II	4	1
WEB-214	Social Media	3	1
4 total courses		14	4

Suggested Sequencing:

Harnett County Option (Lillington Campus)

Fall: BPT-131, BPT-110 = (4th block in high school schedule)

Spring: BPT-132, WEB 214 = (4th block in high school schedule)

Broadcasting and Production Technology Diploma – D30120CW*

Course	Title	College Cred	High School Cred
ACA-122	College Transfer Success	1	0
BPT-110	Intro to Broadcasting	3	1
BPT-111	Broadcast Law & Ethics	3	1
BPT-112	Broadcast Writing	4	1
BPT-113	Broadcast Sales	3	1
BPT-121	Broadcast Speech I	3	1
BPT-122	Broadcast Speech II	3	1
BPT-131	Audio/Radio Production I	4	1
BPT-132	Audio/Radio Production II	4	1
BPT-135	Radio Performance I	2	0
COM-231	Public Speaking	3	1
SOC-210	Introduction to Sociology	3	1
WSL-111	Work Based Learning I	1	0
13 total courses		34	10

***Requires an unweighted 2.8 GPA or higher**

Building Construction Technology

Building Construction Technology Certificate – C35140CW

Course	Title	College Cred	High School Cred
CST-111	Construction I	4	1
CST-112	Construction II	4	1
CST-113	Construction III	4	1
CST-131	Audio/Radio Production II	3	1
4 total courses		15	4

Business Administration

Business Core – C25120CP

Course	Title	College Cred	High School Cred
BUS-110	Introduction to Business	3	1
BUS-115	Business Law I	3	1
BUS-137	Principles of Management	3	1
MKT-120	Principles of Marketing	3	1
4 total courses		12	4

Business Foundations Certificate – C25120CW*

Course	Title	College Cred	High School Cred
BUS-110	Introduction to Business	3	1
BUS-115	Business Law I	3	1
ECO-251	Principles of Microeconomics	3	1
ECO-252	Principles of Macroeconomics	3	1
4 total courses		12	4

***Requires an unweighted 2.8 GPA or higher**

Business Admin/Social Media Marketing – C25120SO

Course	Title	College Cred	High School Cred
BUS-110	Introduction to Business	3	1
MKT-120	Principles of Marketing	3	1
MKT-220	Advertising and Sales Promotion	3	1
MKT-232	Social Media Marketing	4	1
4 total courses		13	4

Business Administration Diploma – D25120CW*

Course	Title	College Cred	High School Cred
ACC-115	College Accounting	4	1
BUS-110	Introduction to Business	3	1
BUS-115	Business Law I	3	1
BUS-137	Principles of Management	3	1
BUS-151	People Skills	3	1
BUS-153	Human Resources Management	3	1
BUS-280	REAL Small Business	4	1
CIS-110	Introduction to Computers	3	1
COM-231	Public Speaking	3	1
ECO-251	Principles of Microeconomics	3	1
MKT-120	Principles of Marketing	3	1
MKT-220	Advertising & Sales Promotion	3	1
MKT-223	Customer Service	3	1
MKT-232	Social Media Marketing	4	1
WEB-214	Social Media	3	1
15 total courses		48	15

***Requires an unweighted 2.8 GPA or higher**

Computer-Integrated Machining

Computer-Integrated Machining Certificate – C50210CP

Course	Title	College Cred	High School Cred
BPR-111	Print Reading	2	0
BPR-121	Blueprint Reading- Mechanical	2	0
MAC-111	Machining Technology I	6	2
MAC-124	CNC Milling	2	0
MAC-171	Measure/Material & Safety	1	0
MEC-142	Physical Metallurgy	2	0
MAT-110	Math Measurement & Literacy	3	1
7 total courses		18	3

Computer-Integrated Machining Certificate – C50210CW

Course	Title	College Cred	High School Cred
MAC-111	Machining Technology !	6	2
MAC-112	Machining Technology !!	6	2
2 total courses		12	4

Computer-Integrated Machining Diploma – D50210CW*

Course	Title	College Cred	High School Cred
ACA-122	College Transfer Success	1	0
BPR-111	Print Reading	2	0
BPR-121	Blueprint Reading- Mechanical	2	0
CIS-111	Basic PC Literacy	2	0
COM-231*	Public Speaking	3	1
HUM-110*	Technology and Society	3	1
MAC-111	Machining Technology I	6	2
MAC-112	Machining Technology II	6	2
MAC-113	Machining Technology III	6	2
MAC-124	CNC Milling	2	0
MAC-152	Ad. Machining Calculations	2	0
MAC-171	Measure/Material & Safety	1	0
MAT 110	Math & Measurement	2	0
MEC-142	Physical Metallurgy	2	0
13 total courses		38	8

***Requires an unweighted 2.8 GPA or higher**

Computer Programming

Computer Programming Certificate- C25590CP

Course	Title	College Cred	High School Cred
CIS-115	Introduction to Programming & Logic	3	1
CTI-110	Web, Programming, & Database Foundations	3	1
CSC-134	C++ Programming	3	1
CSC-151	JAVA Programming	3	1
4 total courses		12	4

Cosmetology

Cosmetology Foundations Certificate – C55140CP

Course	Title	College Cred	High School Cred
COS-111	Cosmetology Concepts I	4	1
COS-112	Salon I	8	2
COS-113	Cosmetology Concepts II	4	1
COS-114	Salon II	8	2
COS-115	Cosmetology Concepts III	4	1
COS-116	Salon III	8	2
COS-223	Contemporary Hair Coloring	2	0
7 total courses		34	9

Suggested Sequencing:

Lee County Option (Sanford)

Fall Year One: COS-111A, COS-112A = 6 credit hours (3rd and 4th blocks in high school schedule)

Spring Year One: COS-111B, COS-112B = 6 credit hours (3rd and 4th blocks in high school schedule)

Harnett County Option (Lillington)

Fall Year One: COS-111A, COS-112A = 6 credit hours (4th block in high school schedule)

Spring Year One: COS-111B, COS-112B = 6 credit hours (4th block in high school schedule)

Criminal Justice Technology

Criminal Justice Foundations Certificate – C55180CW

Course	Title	College Cred	High School Cred
CJC-111	Introduction to Criminal Justice	3	1
CJC-112	Criminology	3	1
CJC-113	Juvenile Justice	3	1
CJC-132	Court Procedure & Evidence	3	1
CJC-212	Ethics & Community Relations	3	1
CJC-214	Victimology	3	1
6 total courses		18	6

Criminal Justice Technology Diploma – D55180CW*

Course	Title	College Cred	High School Cred
ACA-122	College Transfer Success	1	0
CJC-111	Introduction to Criminal Justice	3	1
CJC-112	Criminology	3	1
CJC-113	Juvenile Justice	3	1
CJC-131	Criminal Law	3	1
CJC-132	Court Procedure & Evidence	3	1
CJC-141	Corrections	3	1
CJC-212	Ethics & Community Relations	3	1
CJC-214	Victimology	3	1
CJC-221	Investigative Principles	3	1
CJC-231	Constitutional Law	3	1
COM-231	Public Speaking	3	1
PSY-150	General Psychology	3	1
13 total courses		37	12

***Requires an unweighted 2.8 GPA or higher**

Culinary Arts

Culinary Arts Certificate – C55150CP

Course	Title	College Cred	High School Cred
CUL-110	Sanitation & Safety	2	0
CUL-140	Culinary Skills I	5	2
CUL-140A	Culinary Skills I Lab	1	0
CUL-160	Baking I	3	1
CUL-240	Culinary Skills II	5	2
CUL-240A	Culinary Skills II Lab	1	0
6 total courses		17	5

Dental Assisting

Dental Assisting Certificate – C45240CW*

Course	Title	College Cred	High School Cred
ACA-122	College Transfer Success	1	0
DEN-100	Basic Orofacial Anatomy	2	0
DEN-101	Preclinical Procedures	7	2
DEN-103	Dental Sciences	2	0
DEN-111	Infection/Hazard Control	2	0
PSY-150	Social Psychology	3	1
6 total courses		18	3

***Requires an unweighted 2.8 GPA or higher**

Early Childhood Education

Infant/Toddler Care Certificate – C55290CP

Course	Title	College Cred	High School Cred
EDU-119	Intro to Early Childhood Education	4	1
EDU-131	Child, Family, & Community	3	1
EDU-144	Child Development I	3	1
EDU-153	Health, Safety & Nutrition	3	1
EDU-234	Infants, Toddlers, & Twos	3	1
5 total courses		16	5

Early Childhood Education Diploma – D55220CW*

Course	Title	College Cred	High School Cred
ACA-122	College Transfer Success	1	0
COM-231	Public Speaking	3	1
EDU-119	Intro to Early Childhood Education	4	1
EDU-131	Child, Family, & Community	3	1
EDU-144	Child Development I	3	1
EDU-145	Child Development II	3	1
EDU-146	Child Guidance	3	1
EDU-151	Creative Activities	3	1
EDU-153	Health, Safety, & Nutrition	3	1
EDU-221	Children with Exceptionalities	3	1
EDU-234	Infants, Toddlers, & Twos	3	1
PSY-150	General Psychology	3	1
EDU-280	Language & Literacy Experiences	3	1
13 total courses		38	12

***Requires an unweighted 2.8 GPA or higher**

Electronics Engineering Technology

Electronics Engineering Technology Certificate – C40200CW*

Course	Title	College Cred	High School Cred
EGR-131	Intro to Electronics Tech	2	0

ELC-131	Circuit Analysis I	4	1
ELC-131A	Circuit Analysis I Lab	1	0
ELN-131	Analog Electronics I	4	1
ELN-132	Analog Electronics II	4	1
MAT-121*	Algebra/Trigonometry I	3	1
6 total courses		18	3

***Requires an unweighted 2.8 GPA or higher**

Electronics Engineering Technology Diploma – D40200CP*

Course	Title	College Cred	High School Cred
ACA-122	College Transfer Success	1	0
CIS-110	Introduction to Computers	3	1
EGR-131	Intro to Electronics Tech	2	0
ELC-131	Circuit Analysis I	4	1
ELC-131A	Circuit Analysis I Lab	1	0
ELN-131	Analog Electronics I	4	1
ELN-132	Analog Electronics II	4	1
ELN-133	Digital Electronics	4	1
ENG-111	Writing & Inquiry	3	1
MAT-121	Algebra/Trigonometry I	3	1
MAT-122	Algebra/Trigonometry II	3	1
PHY-131	Physics-Mechanics	4	1
PHY-133	Physics-Sounds and Light	4	1
13 total courses		40	10

***Requires an unweighted 2.8 GPA or higher**

Forensic Science

Forensic Science Foundations Certificate – C5518CCW

Course	Title	College Cred	High School Cred
CJC-111	Introduction to Criminal Justice	3	1
CJC-114	Investigative Photography	2	0
CJC-131	Criminal Law	3	1
CJC-144	Crime Scene Processing	3	1

CJC-221	Investigative Principles	4	1
CJC-231	Constitutional Law	3	1
6 total courses		18	5

Health and Fitness Science

Health and Fitness Science Certificate – C45630CW

Course	Title	College Cred	High School Cred
ACA-122	College Transfer Success	1	0
HEA-112	First Aid & CPR	2	0
HFS-110	Exercise Science	4	1
HFS-111	Fitness & Exercise Testing I	4	1
HFS-116	Prevention & Care of Exercise Injuries	3	1
HFS-210	Personal Training	3	1
PED-117	Weight Training I	1	0
7 total courses		18	4

Suggested Sequencing:

Lee County Option (Sanford):

Fall: HEA-112, HFS-110, HFS-111 = 10 credits (1st and 2nd blocks in high school schedule)

Spring: ACA-122, HFS-116, HFS-210, PED-117 = 8 credits (1st and 2nd blocks in high school schedule)

Health Information Technology

Health Information Technology Certificate – C45360CW

Course	Title	College Cred	High School Cred
HIT-110	Fundamentals of Health Information Mgmt	3	1
HIT-112	Health Law & Ethics	3	1
MED-121	Medical Terminology I	3	1
MED-122	Medical Terminology II	3	1
HIT-215	Reimbursement Methodology	2	1

HIT-221	Lifecycle of EHR	3	1
6 total courses		16	6

Suggested Sequencing:

Fall: ACA-115, HIT-110, MED-121 = 7 credit hours (online in high school schedule)

Spring: PSY-150, HIS-112, MED-122 = 9 credit hours (online in high school schedule)

Healthcare Management Technology

Healthcare Administration Foundations – C25200CW

Course	Title	College Cred	High School Cred
HMT-110	Intro to Healthcare Management	3	1
OST-141	Medical office Terms I	3	1
OST-142	Medical office Terms II	3	1
OST-149	Medical Legal Issues	3	1
4 total courses		12	4

Suggested Sequencing:

Fall: HMT-110, OST-141 = 6 credit hours (online in high school schedule)

Spring: OST-142, OST-149 = 6 credit hours (online in high school schedule)

Human Services Technology

Human Services Technology Diploma – D45380CW*

Course	Title	College Cred	High School Cred
ACA-122	College Transfer Success	1	0
COM-120	Interpersonal Communication	3	1
CIS-110	Introduction to Computers	3	1
HSE-110	Introduction to Human Services	3	1
HSE-112	Group Process I	2	0
HSE-123	Interviewing Techniques	3	1
HSE-125	Counseling	3	1
HSE-210	Human Services Issues	2	0
HSE-225	Crisis Intervention	3	1
PSY-115	Stress Management	2	0
PSY-150	General Psychology	3	1
PSY-241	Developmental Psychology	3	1
SOC-210	Introduction to Sociology	3	1
SOC-213	Sociology of the Family	3	1
SOC-220	Social Problems	3	1
SOC-232	Social Context of Aging	3	1
16 total courses		43	12

***Requires an unweighted 2.8 GPA or higher**

Industrial Systems Technology

Industrial Systems Technology CAT Certificate- C50240CW

Course	Title	College Cred	High School Cred
BPR-111	Print Reading	2	0
ISC-110	Workplace Safety	1	0
WLD-112	Basic Welding Processes	2	0
WLD-117	Industrial SMAW	3	1
WLD-121	GMAW (MIG) FCAW/Plate	4	1
5 total courses		12	2

Industrial Systems Technology Diploma – D50240CW*

Course	Title	College Cred	High School Cred
ACA-122	College Transfer Success	1	0
AHR-120	HVACR Maintenance	2	0
BPR-111	Print Reading	2	0
CIS-111	Basic PC Literacy	2	0
COM-231	Public Speaking	3	1
ELC-112	DC/AC Electricity	5	2
ELC-128	Intro to PLC	3	1
HIS-112	World Civilizations II	3	1
HYD-110	Hydraulics/Pneumatics I	3	1
ISC-110	Workplace Safety	1	0
MEC-111	Machine Processes I	3	1
MNT-110	Intro to Maintenance Procedures	2	0
MNT-111	Maintenance Practices	2	0
WLD-112	Basic Welding Processes	2	0
WLD-117	Industrial SMAW	3	1
WLD-121	GMAW (MIG) FCAW/Plate	4	1
17 total courses		41	9

*Requires an unweighted 2.8 GPA or higher

Suggested Sequencing:

Lee County Option (Sanford - CAT Apprenticeship- Rising Juniors Only)

Fall Year One: WLD-112 = 2 credit hours + CAT Training (1st block in high school schedule)

Spring Year One: WLD-121A = 2 credit hours + CAT Training (1st block in high school schedule)

Summer Year One : Optional Work Opportunity (Up to 32 hours/week)

Fall Year Two: WLD-121B, BPR-111 = 4 credit hours + CAT (1st and 2nd blocks in high school schedule)

Spring Year Two : WLD-117, ISC-110 = 4 credit hours + CAT (1st and 2nd blocks in high school schedule)

Chatham County Option (Siler City)

Fall: BPR-111, WLD-117 = 5 credit hours (1st block in high school schedule)

Spring: WLD-121 = 4 credit hours (1st block in high school schedule)

Information Technology

Hardware/Troubleshooting Repair Certificate- C25590CW

Course	Title	College Cred	High School Cred
CTI-120	Network & Security Foundation	3	1
CTS-120	Hardware/Software Support	3	1
CTS-220	Advanced Hardware/Software Support	3	1
NOS-130	Windows Single User	3	1
4 total courses		12	4

Internet Computer Core (IC3) Certificate- C25590C3

Course	Title	College Cred	High School Cred
CIS-110	Introduction to Computers	3	1
CTI-120	Network & Security Foundation	3	1
CTS-120	Hardware/Software Support	3	1
NOS-130	Windows Single User	3	1
4 total courses		12	4

Information Technology Diploma – D25590CW*

Course	Title	College Cred	High School Cred
ACA-122	College Transfer Success	1	0
CIS-115	Intro to Programming & Logic	3	1
CSC-134	C++ Programming	3	1
CTI-110	Web, Program, & Database Foundation	3	1
CTI-120	Network & Security Foundation	3	1
CTS-115	info Sys Business Concepts	3	1
CTS-120	Hardware/Software Support	3	1
CTS-220	Advanced Hardware/Software Support	3	1
CTS-285	Systems Analysis & Design	3	1
DBA-110	Database Concepts	3	1
ENG-111	Writing & Inquiry	3	1
MAT-143	Quantitative Literacy	3	1
NOS-130	Windows Single User	3	1
NOS-230	Windows Administration I	3	1
SEC-110	Security Concepts	3	1
WEB-140	Web Development Tools	3	1
16 total courses		46	15

*Requires an unweighted 2.8 GPA or higher

Information Technology Certificate – C22590C1

Course	Title	College Cred	High School Cred
CTI-120	Network & Sec Foundation	3	1
NET-125	Introduction to Networks	3	1
NET-126	Switching and Routing	3	1
SEC-110	Security Concepts	3	1
SEC-160	Security Administration I	3	1
NET-225	Routing and Switching I	3	1
16 total courses		18	6

Laser and Photonics Technology

Laser and Photonics Technology Diploma – D40280CP*

Course	Title	College Cred	High School Cred
ACA-122	College Transfer Success	1	0
CIS-110	Introduction to Computers	3	1
EGR-131	Intro to Electronics Tech	2	0
ELC-127	Software for Technicians	2	0
ELC-131	Circuit Analysis I	4	2
ELC-131A	Circuit Analysis I Lab	1	0
ELN-131	Analog Electronics I	4	1
ELN-132	Analog Electronics II	4	1
ELN-133	Digital Electronics	4	1
ENG-111	Writing & Inquiry	3	1
LEO-111	Lasers and Applications	2	0
MAT-121	Algebra/Trigonometry I	3	1
MAT-122	Algebra/Trigonometry II	3	1
PHY-131	Physics-Mechanics	4	1
14 total courses		40	10

***Requires an unweighted 2.8 GPA or higher**

Library and Information Technology

Library Basics Certificate – C55130CW

Course	Title	College Cred	High School Cred
LIB-110	Introduction to Libraries	3	1
LIB-111	Library Info Resources & Services	3	1
LIB-112	Library Collection Development/Acquisitions	3	1
LIB-114	Library Public Service Operations	3	1
4 total courses		12	4

Library and Information Technology Diploma – D55130CW*

Course	Title	College Cred	High School Cred
ACA-122	College Transfer Success	1	0
CIS-110	Introduction to Computers	3	1
COM-231	Public Speaking	3	1
LIB-110	Introduction to Libraries	3	1
LIB-111	Library Info Resources & Services	3	1
LIB-112	Library Collection Development/Acquisitions	3	1
LIB-113	Library Cataloging & Classification	3	1
LIB-114	Library Public Service Operations	3	1
LIB-210	Electronic Library Databases	3	1
LIB-211	Library Program Development	3	1
LIB-212	Library Services/Special Needs	3	1
LIB-213	Cataloging Nonprint Materials	3	1
LIB-214	Library Program Development	3	1
SOC-210*	Introduction to Sociology	3	1
WEB-110	Internet/Web Fundamentals	3	1
15 total courses		43	14

***Requires an unweighted 2.8 GPA or higher**

Manicuring/Nail Technology

Manicuring/Nail Technology Certificate – C55400CP

Course	Title	College Cred	High School Cred
COS-121	Manicuring/Nail Technology I	6	2
COS-222	Manicuring/Nail Technology II	6	2
2 total courses		12	4

Suggested Sequencing:

Harnett County Option (Lillington)

Fall: COS-121 = 6 credit hours (4th block in high school schedule)

Spring: COS-222 = 6 credit hours (4th block in high school schedule)

Mechanical Engineering Technology

Mechanical Engineering Technology Certificate – C40320CW

Course	Title	College Cred	High School Cred
DFT 153	CAD III	3	1
DFT 154	Intro to Solid Modeling	3	1
DFT 254	Intermed Solid Model/Render	3	1
DDF 211	Design Process I	4	1
4 total courses		13	4

Medical Assisting

Medical Assisting Diploma – D45400CW*

Course	Title	College Cred	High School Cred
ACA-122	College Transfer Success	1	0
BIO-163	Basic Anatomy & Physiology	5	2
ENG-111	Writing and Inquiry	3	1
MED-110	Orientation to Medical Assisting	1	0
MED-118	Medical Law and Ethics	2	0
MED-121	Medical Terminology I	3	1
MED-122	Medical Terminology II	3	1
MED-130	Admin Office Procedures I	2	0
MED-131	Admin Office Procedures II	2	0
MED-140	Exam Room Procedures I	5	2
MED-150	Laboratory Procedures I	5	2
MED-240	Exam Room Procedures II	5	2
PSY-150	General Psychology	3	1
13 total courses		40	12

***Requires an unweighted 2.8 GPA or higher**

Medical Office Administration

Medical Office Administration Diploma – D25310CW*

Course	Title	College Cred	High School Cred
ACA-122	College Transfer Success	1	0
COM-120	Intro to Interpersonal Communication	3	1
OST-136	Word Processing	3	1
OST-141	Medical Office Terms I	3	1
OST-142	Medical Office Terms II	3	1
OST-148	Med Coding Billing & Insurance	3	1
OST-149	Medical Legal Issues	3	1
OST-243	Medical Office Simulation	3	1
OST-247	Procedural Coding	3	1
OST-248	Diagnostic Coding	3	1
SOC-210	Introduction to Sociology	3	1
OST-164	Office Editing	3	1
OST-289	Office Admin Capstone	3	1
13 total courses		40	12

***Requires an unweighted 2.8 GPA or higher**

Motorcycle Mechanics

Motorcycle Mechanics Diploma – D60260CW*

Course	Title	College Cred	High School Cred
CIS-110	Introduction to Computers	3	1
ENG-102	Applied Communications II	3	1
MAT-110	Math Measurement & Literacy	3	1
MCM-111	Motorcycle Mechanics	7	2
MCM-114	Motorcycle Fuel Systems	5	2
MCM-115	Motorcycle Chassis	3	1
MCM-117	Motorcycle Dyno Tuning I	3	1
MCM-122	Motorcycle Engines	5	2
MCM-217	Motorcycle Dyno Tuning II	3	1
MEC-111	Machine Processes I	3	1
TRN-110	Introduction to Transport Tech	2	0
TRN-120	Basic Transportation Electricity	5	2
TRN-180	Basic Welding for Transportation	3	1
13 total courses		48	16

.*Requires an unweighted 2.8 GPA or higher

Nurse Aide

Nurse Aide Diploma – D45970CW*

Course	Title	College Cred	High School Cred
ACA-122	College Transfer Success	1	0
COM-231	Public Speaking	3	1
HEA-112	First Aid & CPR	2	0
HSC-110	Orientation to Health Careers	1	0
MED-121	Medical Terminology I	3	1
MED-122	Medical Terminology II	3	1
MUS-110	Music Appreciation	3	1
NAS-101	Nurse Aide I	6	2
NAS-102	Nurse Aide II	6	2
NUT-110	Nutrition	3	1
PSY-150*	General Psychology	3	1
SOC-240*	Social Psychology	3	1
12 total courses		37	11

***Requires an unweighted 2.8 GPA or higher**

Suggested Sequencing:

Chatham County Option (Siler City)

Fall or Spring: NAS-101, PSY-150 = 9 credits (3rd and 4th blocks in high school schedule)

Harnett County (Lillington) and Lee County (Sanford) Options

Fall or Spring: NAS-101, PSY-150 = 9 credits (1st and 2nd blocks in high school schedule)

Harnett Health Sciences Academy

Fall or Spring 11th Grade: ACA-122, COM-231, HSC-110 = 5 credit hours (4th block in high school schedule)

Fall or Spring 12th Grade: HHSA students will have the option to choose their pathway:

- Dental Assisting
- Health Information Technology
- Healthcare Management Technology
- Human Services Technology
- Medical Assisting
- Medical Office Administration
- Nurse Aide
- Veterinary Medical Technology

Paralegal Technology Certificate

Paralegal Technology Certificate - C25380CW

Course	Title	College Cred	High School Cred
LEX 110	Introduction to Paralegal Study	2	0
LEX 130	Civil Injuries	3	1
LEX 160	Criminal Law & Procedure	3	1
LEX 240	Family Law	3	1
LEX 280	Ethics & Professionalism	2	0
5 total courses		13	3

Podcasting & Digital Audio Production Certificate

Podcasting & Digital Audio Production Certificate – C30120CP

Course	Title	College Cred	High School Cred
BPT 110	Introduction to Broadcasting	3	1
BPT 131	Audio/Radio Production I	4	1
BPT 132	Audio/Radio Production II	4	1
WEB 214	Social Media	3	1
4 total courses		14	4

Social Media Marketing Certificate

Social Media Marketing Certificate – C25120SO

Course	Title	College Cred	High School Cred
BUS 110	Introduction to Business	3	1
MKT 120	Principles of Marketing	3	1
MKT 220	Advertising and Sales Promotion	3	1
MKT 232	Social Media Marketing	4	1
WEB 214	Social Media	3	1
5 total courses		16	5

Sustainability Technologies

Sustainability Technology Diploma – D40370CW*

Course	Title	College Cred	High School Cred
ACA-122	College Transfer Success	1	0
ALT-110	Biofuels I	3	1
ALT-120	Renewable Energy Technology	3	1
ALT-250	Thermal Systems	3	1
BIO-140	Environmental Biology	3	1
BIO-140A	Environmental Biology Lab	1	0
COM-231	Public Speaking	3	1
ELC-111	Introduction to Electricity	3	1
ELC-220	Photovoltaic Systems Technology	3	1
HIS-132*	American History II	3	1
SST-110	Intro to Sustainability	3	1
SST-120	Energy Use Analysis	3	1
SST-130	Modeling Renewable Energy	3	1
SST-140	Green Building & Design Concepts	3	1
SST-210	Issues in Sustainability	3	1
15 total courses		41	13

***Requires an unweighted 2.8 GPA or higher**

Sustainable Agriculture Diploma – D15410CW*

Course	Title	College Cred	High School Cred
ACA-122	College Transfer Success	1	0
AGR-111	Basic Farm Maintenance	2	0
AGR-121	Biological Pest Management	3	1
AGR-139	Introduction to Sustainable Agriculture	3	1
AGR-170	Soil Science	3	1
AGR-214	Agricultural Marketing	3	1
AGR-265	Organic Crop Production: Spring	3	1
AGR-266	Organic Crop Production: Fall	3	1
ANS-110	Animal Science	3	1
ANS-111	Sustainable Livestock Management	3	1
CIS-110	Introduction to Computers	3	1
ENG-102	Applied Communications II	3	1
HIS-111	World Civilizations I	3	1
AGR-267	Permaculture	3	1
WBL-111	Work-Based Learning I	1	0
15 total courses		40	12

***Requires an unweighted 2.8 GPA or higher**

Sustainable Agriculture- Harnett Agriculture Academy

Horticulture – C15410C1

Course	Title	College Cred	High School Cred
AGR-160	Plant Science	3	1
AGR-110	Ag Economics	3	1
AGR-220	Ag Mechanics	3	1
HOR-168	Plant Propagation	3	1
4 total courses		12	4

Ag Mechanics – C15410C3

Course	Title	College Cred	High School Cred
AGR-111	Basic Farm Maintenance	2	0
AGR-110	Ag Economics**	3	1
AGR-220	AG Mechanization	3	1
AGR-221	Farm Structures	3	1
4 total courses		11	3

Animal Science – C15410C4

Course	Title	College Cred	High School Cred
ANS-110	Animal Science	3	1
AGR-110	Ag Economics	3	1
AGR-220	Ag Mechanization	3	1
ANS-111	Sustainable Livestock Mgmt	3	1
4 total courses		12	4

Natural Resources – C15410C2

Course	Title	College Cred	High School Cred
AGR-111	Basic Farm Maintenance	2	0
AGR-110	Ag Economics	3	1
AGR-220	Ag Mechanization	3	1
AGR-170	Soil Science	3	1
4 total courses		11	3

Agribusiness – C15410C5

Course	Title	College Cred	High School Cred
BUS-110	Intro to Business	3	1
AGR-110	Ag Economics	3	1
AGR-212	Farm Business Mgmt	3	1
AGR-214	Agricultural Marketing	3	1
4 total courses		12	4

Veterinary Medical Technology

Veterinary Medical technology Certificate – C45780CW*

Course	Title	College Cred	High School Cred
ACA-122	College Transfer Success	1	0
PSY-150	General Psychology	3	1
VET-110**	Animal Breeds and Husbandry	3	1
VET-114	Introduction to Vet Med Tech	1	0
VET-120**	Vet Anatomy & Physiology	4	1
VET-121	Veterinary Medical Terminology	3	1
VET-137	Vet Office Practices	2	0
7 total courses		17	4

. *Requires an unweighted 2.8 GPA or higher

**VET-110 and VET-120 will require 12-16 seated lecture/lab meetings for each course, which will meet at the CCCC Lee main campus in Sanford, NC either in the evenings or on Saturdays, and will require specific uniform and lab equipment purchases.

Suggested Sequencing:

Fall Year One: ACA-122, PSY-150 = 4 credit hours (online in high school schedule)

Spring Year One: VET-114, VET-121 = 4 credit hours (online in high school schedule)

Fall Year Two: VET-110 (hybrid = online + seated; see notes** above)

Spring Year Two: VET-120 (hybrid= online + seated; see notes** above); VET-137 (online in high school schedule; may require seated midterm and final exams at CCCC Lee Main Campus)

Welding Technology

Welding Technology Certificate – C50420CW

Course	Title	College Cred	High School Cred
BPR-111	Print Reading	2	0
ISC-110	Workplace Safety	1	0
WLD-110	Cutting Processes	2	0
WLD-115	SMAW (Stick) Plate	5	2
WLD-121	GMAW (MIG) FCAW/Plate	4	1
WLD-131	GTAW (TIG) Plate	4	1
6 total courses		18	4

Welding Technology Diploma – D50420CW*

Course	Title	College Cred	High School Cred
ACA-122	College Transfer Success	1	0
BPR-111	Print Reading	2	0
COM-110	Introduction to Communication	3	1
ISC-110	Workplace Safety	1	0
SOC-240	Social Psychology*	3	1
WLD-110	Cutting Processes	2	0
WLD-115	SMAW (Stick) Plate	5	2
WLD-116	SMAW (Stick) Plate/Pipe	4	1
WLD-121	GMAW (MIG) FCAW/Plate	4	1
WLD-131	GTAW (TIG) Plate	4	1
WLD-141	Symbols & Specifications	3	1
WLD-151	Fabrication I	4	1
WLD-262	Inspection & Testing	3	1
WLD-265	Automated Welding/Cutting	4	1
14 total courses		43	11

***Requires an unweighted 2.8 GPA or higher**

Course Descriptions

Course descriptions, including testing, prerequisite, and corequisite information, are subject to change.

For the most current course description information, please visit our Course Catalog online:

<https://www.cccc.edu/registrar/catalog/2020-2021/pdfs/Section16.pdf>.

Appendix A

College Readiness Benchmarks

*CCP Program Eligibility Benchmarks on Approved Diagnostic Assessment Tests

Test	PSAT 10 and PSAT/NMSQT (2015 and Future)	SAT (March 2016 and Future)	Pre-ACT and ACT	NC DAP (NCCCS Cut Score)	RISE Placement Test
English	26 or a composite score of 460 for Evidenced-Based Reading and Writing	480 composite score for Evidenced Based Reading and Writing	18	Composite score of 151 or higher	70 or higher on Tier 1 and Tier 2 (See RISE placement Guide)
Reading	26 or a composite score of 460 for Evidenced-Based Reading and Writing		22		
Mathematics	24.5 or 510	530	22	7 on each assessment for DMA 010 thru 060	70 or higher on Tier 1 and Tier 2 and Tier 3 (See RISE placement Guide)
Advanced Placement (AP)		International Baccalaureate (IB)		Cambridge International Examinations	
English, Language and Composition	3 or higher	IB English A (Standard or Higher Level)	4 or higher	AS Level English Language	C or higher
English, Literature, and Composition	3 or higher	IB Mathematics (Higher Level)	4 or higher	A Level English Language	C or higher
Calculus AB	3 or higher	IB Advanced Mathematics (Higher Level)	4 or higher	AS Level Language and Literature in English	C or higher
Calculus BC	3 or higher	IB Mathematical Studies (Standard Level)	4 or higher	AS Level Math	C or higher
*To be eligible for enrollment in a College Transfer Pathway, students must demonstrate college readiness in English, reading, and mathematics on an approved test or tests. Eligibility may be demonstrated by achieving the required scores on a single test or by combining test scores from any of the approved assessments. For example, a student may combine a 22 on ACT math with a 480 on SAT composite score for evidenced based reading and writing to demonstrate college readiness.				A Level Math	C or higher
				A Level Mathematics - Further	C or higher