



COLLEGE OF  
THE  
ALBEMARLE

Transform Your Tomorrow

# **COLLEGE OF THE ALBEMARLE**

## **LOCAL CAREER AND TECHNICAL EDUCATION ARTICULATION AGREEMENT**

**BETWEEN**


**COLLEGE OF THE ALBEMARLE**

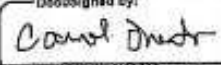
**AND**

**Camden County Schools  
Edenton-Chowan Schools  
Currituck County Schools  
Dare County Schools  
Gates County Schools  
Elizabeth City-Pasquotank County Schools  
Perquimans County Schools**

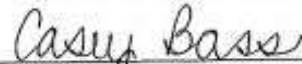
**2019**


## SECONDARY SCHOOL DISTRICTS- CTE DIRECTORS

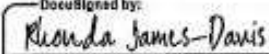
DeoSigned by:   
Josh Davenport, Dare County Schools 11/14/2019  
Date

DeoSigned by:   
Carol Overton, Camden County Schools 11/18/2019  
Date

  
Donald Monroe, Currituck County Schools 11-15-19  
Date


  
Casey Bass, Edenton-Chowan County Schools 11/15/19  
Date

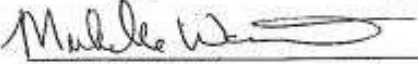
  
Jill Cohen, Perquimans County Schools 11/15/19  
Date

DeoSigned by:   
Rhonda James-Davis, Elizabeth City-Pasquotank County Schools 11/19/2019  
Date

DeoSigned by:   
Ann Harrell, Gates County Schools 11/19/2019  
Date

## COLLEGE OF THE ALBEMARLE - DEANS

  
Robin Harris 11/15/19  
Dean of Health Sciences & Wellness Date

  
Michelle Waters 11/15/19  
Dean of Business, Industry and Applied Technologies Date

  
Robin Zinsmeister, 11/15/2019  
Dean of Workforce Development and Public Service Date

November, 2019

## OVERVIEW

This local Articulation Agreement details the options and requirements designed to provide students with a seamless process joining secondary and postsecondary Career and Technical Education (CTE) programs of study.

This agreement is comprised of high school CTE courses that match the knowledge and skills taught in similar College of The Albemarle (COA) courses. The Articulation Agreement ensures that if a student is proficient in the high school course, the student can receive college credit for that course at COA. This agreement streamlines the student's' educational pathway by eliminating the need to take multiple courses with the same learning outcomes.

Credit is also awarded to students who have scored satisfactorily on subject standardized tests. The general conditions and procedures for granting credit by articulation or subject advanced placement tests shall be as follows.

- To receive articulated credit, students should apply to COA while in high school. If that is not done, student may apply to COA within two years of high school graduation.
- Students must meet the following criteria:
  - Final grade of "B" or higher in the high school course
  - A score of 93 or higher on the standardized CTE post assessment
- Students who receive articulated credit or subject standardized test credit will not be required to register and pay tuition for courses for which they receive such credit.

High school students who enroll in a Career and College Promise (CCP) pathway may earn articulated college credit as described in this agreement while enrolled in high school if the CTE articulated college credit is part of their CCP Pathway and if the following criteria are met:

- Student must be a junior or senior
- Student must have a 2.8 unweighted GPA OR demonstrate college readiness on an approved assessment OR the recommendation of the high school principal
- Student must be making progress toward high school graduation
- Student must meet course prerequisites and admission requirements

To maintain eligibility students must:

- Continue to make progress toward high school graduation
- Meet the college's academic progress policy for all students

The options for students are listed in the Tables on the following pages. Updates to the information will be shared with all partners.

## COLLEGE OF THE ALBEMARLE ARTICULATED CREDIT

HIGH SCHOOL COURSES DESIGNATED FOR ADVANCED CREDIT		COA COURSE EQUIVALENT		
Course Number	Title	Course Number	Title	Course Hours
<b>AGRICULTURAL EDUCATION</b>				
AS32	Agricultural Mechanics II	WLD 112	Basic Welding Processes	2
<b>BUSINESS AND INFORMATION TECHNOLOGY EDUCATION</b>				
BM20	Microsoft Excel and Access	CTS 130	Spreadsheet	3
BA10 and/or BA20	Accounting I and/or Accounting II	ACC 115	College Accounting	4
BM10	Microsoft Word and Power Point	CIS 111 or OST 136	Basic PC Literacy or Word Processing	2 3
BN20	Network Administration I	CTI 120 or NET 110 or NOS 110	Network and Security Foundation or Networking Concepts or Operating Systems Concepts	3 3 3
BN22	Network Administration II	NET 110 and NOS 230	Networking Concepts and Windows Admin I	3 3
BF05	Personal Finance	BUS 125	Personal Finance	3
<b>FAMILY AND CONSUMER SCIENCE EDUCATION</b>				
FE11 and FE12	Early Childhood Education I and Early Childhood Education II	EDU 119	Introduction to Early Childhood Education	4
FN41 and FN42	Foods I and Foods II Enterprise	CUL 112	Nutrition for Foodservice	3
<b>HEALTH SCIENCE EDUCATION</b>				
HU40	Health Sciences I	MED 121 and MED 122	Medical Terminology I and Medical Terminology II	3 3
HN43	Nursing Fundamentals	NAS 101	Nursing Assistant I	6

## ARTICULATED CREDIT, continued

TECHNOLOGY ENGINEERING AND DESIGN EDUCATION				
TP11 and TP12 and TP23	PLTW Introduction to Engineering Design and PLTW Principles of Engineering and PLTW Civil Engineering and Architecture	ARC 111	Introduction to Arch Technology	3
TRADE AND INDUSTRIAL EDUCATION				
II21	Computer Engineering Tech I	CTS 120	Hardware/Software Support	3
II22	Computer Engineering Tech II	CTS 220	Adv. Hard/Software Support	3
II61 and IV22	Drafting I and Drafting II - Engineering	DFT 151	CAD I	3
IC00 and IC41 and IC42	Core and Sustainable Construction and Electrical Trades I and Electrical Trades II	ELC 113	Residential Wiring I	4
IM31 and IM32	Electronics I and Electronics II	ELC 112 and EGR 131	DC/AC Electricity and Intro to Electronics Technology	5 2
IM41 and IM42	Metals Manufacturing Tech I and Metals Manufacturing Tech II	BPR 111 and MAC 111 and MAC 151	Blueprint Reading and Machining Technology I and Machining Calculations	2 6 2
II11	Network Engineering Tech I	NET 110	Networking Concepts	3
II12	Network Engineering Tech II	NET 126	Routing Basics	3
IM61	Welding Technology I	WLD 110	Cutting Processes	2
IM61 and IM62	Welding Technology I and Welding Technology II	WLD 110 and WLD 115	Cutting Processes and SMAW (Stick) Plate	2 5

Conditions for Credit: Students must earn a grade of B or higher in each course and a score of 93 or better on the standardized CTE post-assessment for each course.

## Career and Technical Education (CTE) Pathways

### CTE Pathway Options

Pathway, Certificates and Diplomas NUMBER	Program NAME	Course Number(s)	Title	Course Hours
<b>CTE Pathway Options</b>				
P1032C	<b>CCP Associate of General Education – Nursing Pathway</b>	ACA 122	College Transfer Success	1
		ENG 111	Writing and Inquiry	3
		ENG 112	Writing/Research in the Disciplines	3
		PSY 150	General Psychology	3
		PSY 241	Developmental Psychology	3
		HUM	Optional - PHI 240 recommended	3
		BIO 168	Anatomy and Physiology I	4
		BIO 169	Anatomy and Physiology II	4
		<b>TOTAL Credits</b>	<b>24</b>	
<b>CTE Pathway Options</b>				
A1030NEC	<b>Associate in General Education – Nursing for Early College Students</b>	ACA 122	College Transfer Success	1
		ENG 111	Writing and Inquiry	3
		ENG 112	Writing/Research in the Disciplines	3
		ENG	231 American Lit I or 232 Amer. Lit II	3
		HUM	Options PHI 240 Recommended	9
		SOC 210	Intro to Sociology	3
		SOC	Options (213,220, or 225)	3
		HIS	Options (HIS 111,112,131, or 132)	3
		BIO 168	Anatomy and Physiology I	4
		BIO 169	Anatomy and Physiology II	4
		BIO 275	Microbiology	4
		CHM	Options (151 or 130 and 130A)	4
		MAT 152	Statistical Methods I	4
		MAT	Options (143 or 171)	3-4
		SOC/ Behv	Options (Econ 251 or 252; Pol 120)	3
		Electives	Options (ANT 210; CIS 110; COM 231; SPA 111)	3-4
				<b>TOTAL Credits</b>
<b>CTE Pathway Options</b>				
<p><b>COA Associate Degree Nursing (A..D.N.)</b> is a partner with East Carolina University (ECU) for the Regionally Increasing Baccalaureate Nurses (RIBN) program. RIBN is specifically designated FOR HIGH SCHOOL SENIORS who meet high school graduation requirements, pre-admission test scores (SAT or ACT), and 3.0 GPA minimum. Students earn an Associate Degree in Nursing from COA and a Bachelor of Science in Nursing (BSN) degree from ECU. Applications for RIBN are through ECU.</p>				

C15100H	<b>Agribusiness Technology</b>	AGR 139	Intro to Sustainable Agriculture	3
		ANS 110	Animal Science	3
		AGR 160	Plant Science	2
		HOR 160	Plant Material	3
		AGR 121	Biological Pest Management	3
		AGR 214	Agricultural Marketing	3
			<b>TOTAL Credits</b>	<b>18</b>
C60200H	<b>Aviation Systems Technology</b>	AVI 110	Aviation Maintenance - General	15
			<b>TOTAL Credits</b>	<b>15</b>
C55180H	<b>Criminal Justice Technology</b>	CJC 111	Introduction to Criminal Justice	3
		CJC 112	Criminology	3
		CJC 113	Juvenile Justice	3
		CJC 212	Ethics and Community Relations	3
			<b>TOTAL Credits</b>	<b>12</b>
C55220H	<b>Early Childhood Education</b>	EDU 119	Introduction to ECE	4
		EDU 146	Child Guidance	3
		EDU 153	Health, Safety and Nutrition	3
		EDU 131	Child, Family, and Community	3
		EDU 145	Child Development II	3
			<b>TOTAL Credits</b>	<b>16</b>
C45340H	<b>Emergency Medical Science</b>	EMS 110	Emergency Medical Technician	9
		BIO 168	Anatomy and Physiology I	4
		BIO 169	Anatomy and Physiology II	4
			<b>TOTAL Credits</b>	<b>17</b>
C25120HB	<b>General Business Administration</b>	ACC 120	Principles of Financial Accounting	4
		BUS 110	Introduction to Business	3
		CIS 110	Introduction to Computers	3
		ACC 121	Principles of Managerial Accounting	4
		BUS 115	Business Law	3
			<b>TOTAL Credits</b>	<b>17</b>
C25120HG	<b>Global Business</b>	BUS 115	Business Law	4
		MKT 120	Principles of Marketing	4
		INT 110	International Business	2
		BUS 110	Introduction to Business	3
		INT 210	International Trade	3
		INT 230	International Law	2
			<b>TOTAL Credits</b>	<b>18</b>

C45630H	<b>Health and Fitness Science</b>	HFS 110	Exercise Science	4
		HFS 111	Fitness & Exercise Testing I	4
		HEA 112	First Aid & CPR	2
		HFS 120	Group Exercise Instruction	3
		HFS 210	Personal Training	3
		PED 110	Fit & Well for Life	2
			<b>TOTAL Credits</b>	<b>18</b>
C25510H	<b>Healthcare IT Foundations</b>	CTS 115	Information Syst Business Concepts	3
		MED 121	Medical Terminology I	3
		HBI 110	Issues and Trends in HBI	3
		CTI 120	Network and Security Foundations	3
		MED 122	Medical Terminology II	3
		HBI 113	Survey of Medical Insurance	3
			<b>TOTAL Credits</b>	<b>18</b>
C25590HC	<b>IT Computer Programming</b>	CIS 110	Introduction to Computers	3
		CIS 115	Introduction to Programming & Logic	3
		CSC 139	Information Syst Business Concepts	3
		CTI 110	Web Programming Database	3
		CTI 120	Network and Security Foundations	3
		CSC 239	Advanced Visual Basic Programming	3
			<b>TOTAL Credits</b>	<b>18</b>
C25590HP	<b>IT Workplace IT Professional</b>	CIS 110	Introduction to Computers	3
		CIS 115	Introduction to Programming & Logic	3
		CTI 110	Web Programming Database	3
		CTI 120	Network and Security Foundations	3
		CTS 240	Project Management	3
		NOS 110	Operating Systems Concepts	3
			<b>TOTAL Credits</b>	<b>18</b>
C45400H	<b>Medical Assisting</b>	MED 110	Orientation to Medical Assisting	1
		MED 121	Medical Terminology I	3
		MED 122	Medical Terminology II	3
		BIO 163	Basic Anat. & Physiology	5
		MED 118	Medical Law & Ethics	2
			<b>TOTAL Credits</b>	<b>14</b>



C25310H	<b>Medical Office Administration: Patient Representative Certificate</b>	CIS 110	Introduction to Computers	3
		MED 121	Medical Terminology I	3
		OST 286	Professional Development	3
		MED 122	Medical Terminology II	3
		OST 149	Medical Legal Issues	3
		OST 164	Office Editing	3
		<b>TOTAL Credits</b>	<b>18</b>	
C45380H	<b>Human Services Technology</b>	HSE 110	Intro to Human Services	3
		HSE 112	Intro to Human Services	2
		HSE 210	Human Services Issues	2
		PSY 150	General Psychology	3
		PSY 241	Developmental Psychology	3
		SOC 210	Introduction to Sociology	3
		CIS 111	Basic PC Literacy	3
			<b>TOTAL Credits</b>	<b>19</b>
D35100H	<b>HVAC Technology</b>	COM 101	Workplace Communication	3
		ENG 102	Applied Communications II	3
		AHR 110	Intro to Refrigeration	5
		AHR 111	HVACR Electricity	3
		AHR 112	Heating Technology	4
		AHR 113	Comfort Cooling	4
		AHR 114	Heat Pump Technology	4
		AHR 130	HVAC Controls	3
		AHR 160	Refrigerant Controls	1
		AHR 213	HVACR Building Code	2
		AHR 255	Indoor Air Quality	2
		CIS 111	Basic PC Literacy	2
		WBL 110	World of Work	1
			<b>TOTAL Credits</b>	<b>37</b>
D50150H	<b>Computer Aided Drafting</b>	ENG 111	Writing and Inquiry	3
		PHI 240	Introduction to Ethics	3
		DFT 151	Computer-aided Drafting I	3
		DFT 152	Computer-aided Drafting II	3
		DFT 153	CAD III	3
		DFT 154	Introduction to Solid Modeling	3
		DFT 254	Intermediate Solid Modeling	3
		DFT 189	Emerging Technology in CAD	2
		DFT 259	CAD Project	3
		ARC 111	Intro to Architectural Technology	3
		ISC 110	Workplace Safety	1
		ISC 130	Intro to Quality Control	3
		SST 110	Introduction to Sustainability	3
			<b>TOTAL Credits</b>	<b>36</b>

D50210H	<b>Computer Integrated Machining (CNC)</b>	COM 101	Workplace Communication	3
		MAT 110	Math Measurement & Literacy	3
		MAC 111	Machining Technology I	6
		MAC 112	Machining Technology II	6
		MAC 131	Blueprint Reading/Mach I	2
		MAC 121	Intro to CNC	2
		MAC 122	CNC Turning	2
		MAC 124	CNC Milling	2
		MAC 151	Machining Calculations	2
		MAC 171	Measure/Material & Safety	1
		MAC 172	Job Plan, Bench & Layout	1
		MAC 132	Blueprint Reading/Mach II	2
		MEC 110	Intro to CAD/CAM	2
		MAC 113	Machining Technology III	6
	<b>TOTAL Credits</b>	<b>41</b>		
D55150H	<b>Culinary Arts</b>	COM 101	Workplace Communication	3
		ENG 102	Applied Communications II	3
		CUL 110	Sanitation and Safety	2
		CUL 112	Nutrition for Foodservice	3
		CUL 120	Purchasing	2
		CUL 140	140 Culinary Skills I	5
		CUL 135	Food and Beverage Service	2
		CUL 160	Baking I	3
		CUL 170	Garde Manger I	3
		CUL 240	Culinary Skills II	5
		HRM 245	Human Resource Management	3
		CUL 230	Global Cuisines	5
		CUL 273	Career Development	1
		WBL 111	Work-Based Learning I	1
		WBL 121	Work-Based Learning II	1
	<b>TOTAL Credits</b>	<b>42</b>		
D5020H	<b>Welding Technology</b>	COM 101	Workplace Communication	3
		MAT 110	Math Measurement & Literacy	3
		WLD 110	Cutting Processes	2
		WLD 115	SMAW (Stick) Plate Welding	5
		WLD 121	GMAW (MIG) FCAW/Plate Welding	4
		WLD 131	GTAW (TIG) Plate	4
		WLD 141	Symbols & Specifications in Welding	3
		BPR 111	Blueprint reading	2
		WLD 112	Basic Welding Processes	2
		WLD 116	SMAW (Stick) Plate/Pipe Welding	4
		WLD 122	GMAW (MIG) Plate/Pipe	3
		WLD 132	GTAW (TIG) Plate/Pipe	3
		WBL 110	World of Work	1
			<b>TOTAL Credits</b>	<b>39</b>

D45380H Human Services Technology				
	<b>Human Services Technology</b>	ENG 111	Writing and Inquiry	3
		ENG 112	Writing/Research in the Disciplines	3
		PHI 240	Introduction to Ethics	3
		HSE 110	Intro to Human Services	3
		HSE 112	Intro to Human Services	2
		HSE 210	Human Services Issues	2
		PSY 150	General Psychology	3
		PSY 241	Developmental Psychology	3
		SOC 210	Introduction to Sociology	3
		BIO 163	Basic Anatomy & Physiology	5
		CIS 111	Basic PC Literacy	3
		HEA 110	Personal Health & Wellness	3
		MED 121	Medical Terminology I	3
		MED 122	Medical Terminology II	3
			<b>TOTAL Credits</b>	<b>42</b>
D45970H Nurse Aide				
	<b>Nurse Aide</b>	ENG 111	Writing and Inquiry	3
		ENG 112	Writing/Research in the Disciplines	3
		PHI 240	Introduction to Ethics	3
		MED 121	Medical Terminology I	3
		MED 122	Medical Terminology II	3
		NAS 101	Nurse Aide I	6
		NAS 102	Nurse Aide II	6
		MED 118	Medical Law & Ethics	2
		BIO 168	Anatomy and Physiology I	4
		BIO 169	Anatomy and Physiology II	4
		CIS 111	Basic PC Literacy	2
		PSY 150	General Psychology	3
		HEA 112	First Aid & CPR	2
	<b>TOTAL Credits</b>	<b>45</b>		

Continuing Education Pathway with John A Holmes- Edenton-Chowan		
	Course Number/ Name	Hours
Career Essentials Pathway <ul style="list-style-type: none"> <li>• Manufacturing Production Technician</li> <li>• Forklift Certification</li> <li>• OSHA 10</li> </ul>	MNT 3111	96
	OSH 3012	8
	OSH 3013	10
	<b>Total Hours</b>	<b>114</b>
	Continuing Education Pathways with Dare County High Schools	
	Tracks for Credentials (all tracks complete HRD 3001A; HRD 3005A; HRD 3004A; HOS 3070A)	Hours
Hospitality and Tourism Workforce Credentials	Maintenance – CAR 3112 A	<b>97</b>
	Housekeeping – HOS 3071 A	<b>97</b>
	Reservation Specialist – CIS 3100 A	<b>103</b>