

**Regional Articulation for  
Career and Technical Education  
(RACE)**

*(Career-Technical Education)*

***A formal articulation agreement between:***

*Asheville-Buncombe Technical Community College  
Blue Ridge Community College  
Asheville City Schools  
Buncombe County Schools  
Henderson County Public Schools  
Madison County Schools  
McDowell County Schools  
Transylvania County Schools*

***2019-2020***

**Nondiscrimination Policy**

In compliance with Federal Law, the systems in this agreement administer all education programs including Career and Technical Education Programs, employment, activities and admissions without discrimination against any person on the basis of gender, race, color, religion, national origin, age or disability.

# Regional Articulation in Career and Technical Education (RACE) Articulation Agreement

While high school can be a big adjustment, approach everything positively. Instead of just going through the motions, think not only about the present but the future as well. Whether you choose to attend a community college or four-year university, serve in the armed forces, or enter into the work world, decisions made today will impact your tomorrow.

One of the ways to accomplish this is by taking advantage of the opportunity to earn articulated college credit while you are in high school. This is a great way to build a post-secondary transcript. Credit offered through this RACE agreement may be available at community colleges throughout North Carolina. Locally, Asheville-Buncombe Technical Community College (A-B Tech) and Blue Ridge Community College (BRCC) have recognized this program as a seamless transition between high school and college.

Earning articulated credit is easy! Here's how it works. A student,

1. Registers for a Career-Technical Education class while in high school;
2. Earns an 90 or above on the CTE Post Assessment;
3. Makes a B or better in the class;
4. And completes an A-B Tech or BRCC application within two years of high school graduation.

## It's that simple!

*How is this a benefit? Consider these scenarios.*

**Scenarios #1- Just imagine**, you are sitting in your Personal Finance class as a freshman, and thinking, "What am I doing in here?" You could simply do your work and just get by **or** you could make a B in the class, score 90 or above on your end of course test, and be eligible for articulated college credit. **(Not only are you gaining a skill, but also you have just saved your parents the cost of one college class. You do the math!**

**Scenario #2- During** your junior year you decide to take Welding I and II at your high school. Again, it's up to you. Either sit around and get by **or** by making a B or better, scoring a 90 or above on your end of course test, you could be eligible for 9 credit hours at a community college. **(Ex. If college tuition for each course costs \$76.00 per credit hour and the student earns 9 credit hours, the savings would total around \$684.00.) Now that's a big savings!**

Ask teachers, administrators, counselors or your Career Development Coordinator for more information. Get in the RACE.

**Classes are eligible for articulation only when the articulation agreement is in place. (IE, no grandfathering past classes)**

*Gray shading used throughout the document indicates the courses included in our local RACE agreement. Courses in white are part of the statewide agreement.*

*Upon graduating from high school and enrolling in a North Carolina community college, a college admissions director may reevaluate articulated credit as appropriate for the student's major.*

(White indicates State Agreement/Gray indicates RACE Agreement)

**STATE AND REGIONAL ARTICULATION- Agriculture Education**

HIGH SCHOOL		COMMUNITY COLLEGE	
COURSE NUMBER	COURSE TITLE	COURSE PREFIX AND NUMBER	COURSE TITLE
AS32/6832	Agricultural Mechanics II	WLD 112	Basic Welding Processes
AS32/6832	Agricultural Mechanics II	<b>WLD 110 and WLD 112 A-B Tech and BRCC</b>	Cutting Processes and Basic Welding Processes
AA21/6821 And AA22/6822	Animal Science I and Animal Science II	ANS 110	Animal Science
AN51/6851 and AN52/6852	Environmental & Natural Resources I Environmental & Natural Resources II	<b>ENV 224 BRCC</b>	Environmental Studies
AP41/6841	Horticulture I	HOR 150	Introduction to Horticulture
AP42/6842	Horticulture II	<b>HOR 160 BRCC</b>	Plant Materials I
AP44/6882	Horticulture II-Landscape Construction	HOR 152 OR LSG 111	Horticultural Practices OR Basic Landscaping Technology

**STATE AND REGIONAL ARTICULATION- Business and Information Technology**

HIGH SCHOOL		COMMUNITY COLLEGE	
COURSE NUMBER	COURSE TITLE	COURSE PREFIX AND NUMBER	COURSE TITLE
BA10/6311	Accounting I	ACC 115 OR ACC 118	College Accounting OR Accounting Fundamentals I
BA20/6312	Accounting II	ACC 115 OR ACC 118 OR ACC 119	College Accounting OR Accounting Fundamentals I OR Accounting Fundamentals II
BN20/6341	Network Administration I	NET 110 OR NOS 110	Data Comm/Networking OR Operating Systems Concepts

BN22/6347	Network Administration II	NET 110 AND NOS 230	Data Comm/Networking AND Windows Admin I
BD10/6414	Multimedia and Webpage Design	WEB 110 OR  WEB 120	Internet/Web Fundamentals OR Intro Internet Multimedia
BM10/6417 and BM20/6419	Microsoft Word and Power Point and Microsoft Excel and Access	<b>CIS 113 A-B Tech*</b>  <b>CTS 125 BRCC**</b>	Computer Basics (A-B Tech) * MOS Word Core, MOS PowerPoint Core, and MOS Excel Core certifications required for articulated credit.  Presentation Graphics (BRCC) ** MOS PowerPoint Core Certification required for articulated credit.
BD12/6415	E-Commerce I	<b>CTI 110 BRCC</b>  <b>WEB 140 A-B Tech</b>  * B or Better in course and 80 or above on EOC	Web, Programming, and Database Foundations  Web Design
BM20/6419	Microsoft Excel and Access	<b>CTS 130 A-B Tech and BRCC</b> * B or Better in course and 80 or above on EOC (A-B Tech only)	Spreadsheet
BF05/8726	Personal Finance	BUS 125	Personal Finance

**STATE AND REGIONAL ARTICULATION- Marketing Education**

HIGH SCHOOL		COMMUNITY COLLEGE	
COURSE NUMBER	COURSE TITLE	COURSE PREFIX AND NUMBER	COURSE TITLE
ME11/8716	Entrepreneurship I	<b>ETR 210 And ETR 230 A-B Tech</b>	Introduction to Entrepreneurship
ME12	Entrepreneurship II	<b>BUS 280 A-B Tech and BRCC</b>	Entrepreneur Marketing REAL Small Business
MM51/6621	Marketing	<b>ETR 230 A-B Tech</b>	Entrepreneur Marketing
MM51/6621 And MA52	Marketing and Marketing Management	MKT 120	Principles of Marketing
MU92	Strategic Marketing	MKT 120	Principles of Marketing

MH31/6670 and MH32/6671	Sports and Entertainment Marketing I and Sports and Entertainment Marketing II (Both Combined)	<b>MKT 120 And MKT 121</b>  <i>A-B Tech and BRCC</i>	Principles of Marketing  Retailing (AB TECH ONLY)
MI21/6631	Fashion Merchandising	<b>MKT 120 and MKT 121</b>  <i>A-B Tech and BRCC</i>	Principles of Marketing  Retailing (AB TECH ONLY)

**STATE AND REGIONAL ARTICULATION- Family and Consumer Science Education**

HIGH SCHOOL		COMMUNITY COLLEGE	
COURSE NUMBER	COURSE TITLE	COURSE PREFIX AND NUMBER	COURSE TITLE
FN41 and FN42	Foods I and Foods II- Enterprise	<b>CUL 110</b>  <b>and</b>  <b>CUL 112</b>  <b>A-B Tech</b>	Sanitation & Safety*  *ServSafe Certification Required passed at a rate of 75% or higher. Does not require a set level of performance on the CTE Post Assessment or a specific grade in the course.  Nutrition and Safety*  *Student must score a 90% or higher on the CTE Post Assessment and a B or higher in the course
FN41 and FN43	Foods I and Foods II- Technology	<b>CUL 110</b>  <b>A-B Tech</b>	Sanitation & Safety*  *ServSafe Certification Required passed at a rate of 75% or higher. Does not require a set level of performance on the CTE Post Assessment or a specific grade in the course

FH71	Prostart I	<b>CUL 110</b> <b>A-B Tech</b>	Sanitation & Safety*  *ServSafe Certification Required passed at a rate of 75% or higher. Does not require a set level of performance on the CTE Post Assessment or a specific grade in the course
FH72	Prostart II	<b>CUL 110</b> <b>A-B Tech</b>	Sanitation & Safety*  *ServSafe Certification Required passed at a rate of 75% or higher. Does not require a set level of performance on the CTE Post Assessment or a specific grade in the course
FE11/7111 and FE12/7112	Early Childhood Education I  Early Childhood Education II	<b>EDU 119</b>	Introduction to Early Child Education

**STATE AND REGIONAL ARTICULATION- Health Science Education**

<b>HIGH SCHOOL</b>		<b>COMMUNITY COLLEGE</b>	
<b>COURSE NUMBER</b>	<b>COURSE TITLE</b>	<b>COURSE PREFIX AND NUMBER</b>	<b>COURSE TITLE</b>
HU40/7240	Health Science I	MED 110 and MED 112	Orientation to Med. Assisting  Orientation to Clinical Setting I
HU42/7242	Health Science II	MED 121 And MED 122	Medical Terminology I  Medical Terminology II
HN43/7243	Nursing Fundamentals	NAS 101	Nursing Assistant I
HH32/7232	Pharmacy Technician	PHM 110	Introduction to Pharmacy

**STATE AND REGIONAL ARTICULATION- Trade and Industrial Education**

HIGH SCHOOL		COMMUNITY COLLEGE	
COURSE NUMBER	COURSE TITLE	COURSE PREFIX AND NUMBER	COURSE TITLE
IA32/7936	Advanced Digital Media	DME 115 OR DME 120	Graphic Design Tools OR Introduction to Multimedia App.
IT11	Intro. to Automotive Service	<b>TRN 110 A-B Tech and BRCC</b>	Introduction to Transportation Technology
IT 16	Automotive Service I	TRN 111 <b>A-B Tech and BRCC</b>	Chassis Maintenance / Light Repair
IT17 and IT18	Automotive Service II And Automotive Service III	TRN 112 <b>A-B Tech and BRCC</b>	Powertrain Maintenance / Light Repair
IM21/7621 and IM22/7622	Cabinetmaking I AND Cabinetmaking II	<b>CAB 119 A-B Tech</b>	Cabinetry/Millworking
IC21/7721	Carpentry I	CAR 110* OR WOL 110* OR CST 110* <b>* no longer offered at A-B Tech</b>	Intro to Carpentry OR Basic Construction Skills OR Intro to Construction
IC00/7700 and IC21/7721	Core and Sustainable Construction and Carpentry I  <b>*-Earns a combined average of 90 or above on both CTE Post Assessments and makes a B or better both of the courses</b>	CMT 212	Total Safety Performance
IC22/7722	Carpentry II	CST 111	Construction I
IC21/7721 and IC22/7722	Carpentry I* AND Carpentry II*  <b>*-Earns a combined average of 90 or above on both CTE Post Assessments and makes a B or better both of the courses</b>	<b>CST 111  A-B Tech and BRCC</b>	Construction I
IC23/7723	Carpentry III	CST 112	Construction II
IC23/7723 And	Carpentry III AND Drafting I	BPR 130	Print Reading/Construction

IC61/7921			
IC24/7724	Carpentry IV	CST 113	Construction III
7811	Cosmetology I – (must include 450 hours of class time)	<b>COS 111 and COS 112 A-B Tech and BRCC</b>	Cosmetology Concepts I and Salon I
7812	Cosmetology II - (must include 450 hours of class time)	<b>COS 113 and COS 114 A-B Tech and BRCC</b>	Cosmetology Concepts II and Salon II
IM61/7661 and IM62/7662	Welding Technology I Welding Technology II	<b>WLD 110 and WLD 112 and WLD 115 A-B Tech and BRCC</b>	Cutting Processes Basic Welding and Processes SMAW (Stick) Plate
IA31/7935	Digital Media	DME 110	Intro to Digital Media
II21/7991	Computer Engineering Technology I	CTS 120	Hardware/Software Support
II22/7992	Computer Engineering Technology II	CTS 220	Advanced Hard/Software Support
IC00/770 And IC11/7711	Core and Sustainable Construction and Masonry I  <b>*-Earns a combined average of 90 or above on both CTE Post Assessments and makes a B or better both of the courses</b>	ARC 112	Construction Materials and Methods
IC12/7712	Masonry II	MAS 110	Masonry I
IC13/7713	Masonry III	MAS 110	Masonry I
II11	Network Engineering Technology I	NET 125 OR NET 110	Networking Basics OR Networking Concepts
II12	Network Engineering Technology II	NET 125 and NET 126	Networking Basics AND Routing Basics
II13	Network Engineering Technology III	NET 225 and NET 226	Advanced Router & Switching I Advanced Router & Switch. II



IC61/7921	Drafting I	<b>DFT 151 A-B Tech and BRCC</b>	CAD I
IC62/7962 And IC63/7963	Drafting II Architectural and Drafting III Architectural	<b>ARC 111 A-B Tech</b>	Intro. to Architecture
IC62/7922	Drafting II Engineering	<b>BPR 111 BRCC</b>	Blueprint Reading
IC63/7923	Drafting III Engineering	<b>BPR 121 A-B Tech and BRCC</b>	Blueprint Reading: Mechanical
IC41/7741 and IC42/7742	Electrical Trades I  Electrical Trades II	<b>ELC 113</b>	Basic Wiring I
IM31/7631 and IM32/7632	Electronics I  Electronics II	ELC 112 and ELC 126 OR EGR 131	DC/AC Electricity  Electrical Computations  Intro to Electronics Tech
IM13/7631 And IM33/7633	Electronics I And Electronics III	ELC 111  <b>A-B Tech and BRCC</b>	Introduction to Electricity
IM31/7631 and IM32/7632	Electronics I + ETA EM1 and Electronics II + ETA EM4	<b>ELN 133  A-B Tech only</b>	Digital Electronics
IM31/7631 And IM32/7632 And IM33/7633	Electronics I + ETA EM1 and Electronics II + ETA EM4 and Electronics III + ETA EM2	<b>ELC 131  A-B Tech and BRCC</b>	Circuit Analysis I
IM41/7641 and IM42/7642	Metals Manufacturing Technology I* and Metals Manufacturing Technology II*  <b>*-Earns a combined average of 90 or above on both CTE Post Assessments and makes a B or better both of the courses</b>	<b>BPR 111 and MAC 121 and MAC 151 and either MAC 111, or MAC 141, or MEC 111  A-B Tech and BRCC</b>	Blueprint Reading  Intro to CNC  Machining Calculations  Machining Technology I or Machining Applications I or Machine Processes I

**STATE AND REGIONAL ARTICULATION- Project Lead The Way**

HIGH SCHOOL		COMMUNITY COLLEGE	
COURSE NUMBER	COURSE TITLE	COURSE PREFIX AND NUMBER	COURSE TITLE
TP 1170X0	Introduction to Engineering*	<b>EGR 110</b>	Introduction to Engineering (must complete ACA 115 as well to earn full credit)
TP 1170X0 and TP 127X0	Introduction to Engineering* And Principles of Engineering*	<b>EGR 110</b>	Introduction to Engineering (must complete ACA 115 to earn full credit)
TP 247X0	Environmental Sustainability	<b>ENV 110 A-B Tech</b>	Environmental Science
<b>* must earn a score of 6 or better to PLTW course exam and a 90 or better in the course.</b>			

## Regional Articulation Career and Technical Education Signature Page

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President  
Asheville-Buncombe Technical Community College

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President  
Blue Ridge Community College

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Superintendent  
Asheville City Schools

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