

**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
Transylvania County Schools*

2016-2017

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	WLD 110 and WLD 112 A-B Tech and BRCC	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	ENV 224 BRCC	Environmental Studies
AP41/6841	Horticulture I	HOR 150	Introduction to Horticulture
AP42/6842	Horticulture II	HOR 168 BRCC	Plant Propagation
AP44/6882	Horticulture II-Landscape Construction	HOR 114 OR LSG 111	Landscaping Construction 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	Microsoft Word and Power Point	CIS 111 OR CIS 124 OR OST 136	Basic PC Literacy OR DTP Graphics Software OR Word Processing
BD12/6415	E-Commerce I	CTI 110 BRCC WEB 140 A-B Tech	Web, Programming, and Database Foundations Web Design
BD14/6416	E-Commerce II	WEB 140 BRCC	Web Design
BM20/6419	Microsoft Excel and Access	CTS 130 A-B Tech and BRCC	Spreadsheet *Microsoft Certification required for articulation.
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	ETR 210 And ETR 230 A-B Tech	Introduction to Entrepreneurship
ME12	Entrepreneurship II	BUS 280 A-B Tech and BRCC	Entrepreneur Marketing REAL Small Business
MM51/6621	Marketing	ETR 230 A-B Tech	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)	MKT 120 And MKT 121 A-B Tech and BRCC	Principles of Marketing Retailing (AB TECH ONLY)

MI21/6631	Fashion Merchandising	MKT 120 and MKT 121 <i>A-B Tech and BRCC</i>	Principles of Marketing Retailing (AB TECH ONLY)
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STATE AND REGIONAL ARTICULATION- Family and Consumer Science Education

HIGH SCHOOL		COMMUNITY COLLEGE	
COURSE NUMBER	COURSE TITLE	COURSE PREFIX AND NUMBER	COURSE TITLE
FH20/7120	Intro. to Culinary Arts and Hospitality	CUL 110 A-B Tech	Sanitation & Safety* *ServSafe Certification Required
FE11/7111 and FE12/7112	Early Childhood Education I Early Childhood Education II	EDU 119	Introduction to Early Child Education

STATE AND REGIONAL ARTICULATION- Health Science Education

HIGH SCHOOL		COMMUNITY COLLEGE	
COURSE NUMBER	COURSE TITLE	COURSE PREFIX AND NUMBER	COURSE TITLE
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	TRN 110 A-B Tech and BRCC	Introduction to Transportation Technology
IT 16	Automotive Service I	TRN 111 A-B Tech and BRCC	Chassis Maintenance / Light Repair
IT17 and IT18	Automotive Service II And Automotive Service III	TRN 112 A-B Tech and BRCC	Powertrain Maintenance / Light Repair
IM21/7621 and IM22/7622	Cabinetmaking I AND Cabinetmaking II	CAB 119 A-B Tech	Cabinetry/Millworking
IC21/7721	Carpentry I	CAR 110* OR WOL 110* OR CST 110* * no longer offered at A-B Tech	Intro to Carpentry OR Basic Construction Skills OR Intro to Construction
IC00/7700 and IC21/7721	Core and Sustainable Construction and Carpentry I *-Earns a combined average of 90 or above on both CTE Post Assessments and makes a B or better both of the courses	CMT 212	Total Safety Performance
IC22/7722	Carpentry II	CST 111	Construction I
IC21/7721 and IC22/7722	Carpentry I* AND Carpentry II* *-Earns a combined average of 90 or above on both CTE Post Assessments and makes a B or better both of the courses	CST 111 A-B Tech and BRCC	Construction I

IC23/7723	Carpentry III	CST 112	Construction II
IC23/7723 And IC61/7921	Carpentry III AND Drafting I	BPR 130	Print Reading/Construction
IC24/7724	Carpentry IV	CST 113	Construction III
7811	Cosmetology I – (must include 450 hours of class time)	COS 111 and COS 112 A-B Tech and BRCC	Cosmetology Concepts I and Salon I
7812	Cosmetology II - (must include 450 hours of class time)	COS 113 and COS 114 A-B Tech and BRCC	Cosmetology Concepts II and Salon II
IM61/7661 and IM62/7662	Welding Technology I Welding Technology II	WLD 110 and WLD 112 and WLD 115 A-B Tech and BRCC	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 *-Earns a combined average of 90 or above on both CTE Post Assessments and makes a B or better both of the courses	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	DFT 151 A-B Tech and BRCC	CAD I
IC62/7962 And IC63/7963	Drafting II Architectural	ARC 111 A-B Tech	Introduction to Architecture
IC62/7922	Drafting II Engineering	BPR 111 BRCC	Blueprint Reading
IC63/7923	Drafting III Engineering	BPR 121 A-B Tech and BRCC	Blueprint Reading: Mechanical
IC41/7741 and IC42/7742	Electrical Trades I Electrical Trades II	ELC 113	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 A-B Tech and BRCC	Introduction to Electricity
IM31/7631 and IM32/7632	Electronics I + ETA EM1 and Electronics II + ETA EM4	ELN 133 A-B Tech only	Digital Electronics
IM31/7631 And IM32/7632 And IM33/7633	Electronics I + ETA EM1 and Electronics II + ETA EM4 and Electronics III + ETA EM2	ELC 131 A-B Tech and BRCC	Circuit Analysis I
IM41/7641 and IM42/7642	Metals Manufacturing Technology I* and Metals Manufacturing Technology II* *-Earns a combined average of 90 or above on both CTE Post Assessments and makes a B or better both of the courses	BPR 111 and MAC 121 and MAC 151 and either MAC 111, or MAC 141, or MEC 111 A-B Tech and BRCC	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*	EGR 110	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*	EGR 110	Introduction to Engineering (must complete ACA 115 to earn full credit)
TP 247X0	Environmental Sustainability	ENV 110 A-B Tech	Environmental Science
* must earn a score of 6 or better to PLTW course exam and a 90 or better in the course.			

Regional Articulation Career and Technical Education Signature Page

President
Asheville-Buncombe Technical Community College

Date

President
Blue Ridge Community College

Date

Superintendent
Asheville City Schools

Date

Superintendent
Buncombe County Schools

Date

Superintendent
Henderson County Schools

Date

Superintendent
Madison County Schools

Date

Superintendent
Transylvania County Schools

Date