




JIMMY H. BAKER
Chancellor

MEMORANDUM #2017-WED-074

DATE: October 23, 2017

TO: Presidents, Alabama Community College System

FROM: Jimmy Baker, Chancellor 
Ed Richardson, Interim State Superintendent of Education

RE: Statewide Articulation for Career and Technical Education Courses
Memorandum of Agreement

We are pleased to announce that the attached listings of Career and Technical Education courses from Alabama State Department of Education secondary institutions and the corresponding Alabama Community College System courses are approved for statewide articulation. The effective date of this approval coincides with the date of signatures of approval and will remain in effect until superseded. Attachment 1 lists courses approved for statewide articulation.

Students completing the quality assurance criteria outlined below will receive articulated credit to the Alabama Community College System institution of their choice that offers the corresponding program of study. Performance or knowledge testing of secondary program graduates is not required as part of the articulation process.

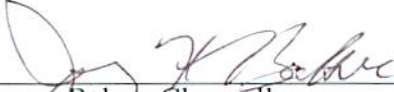
Articulation Criteria

1. A current Statewide Career and Technical Education Course Articulation Agreement (the "articulation agreement") is in effect for the postsecondary course for which articulation credit is sought.
2. The secondary courses applicable to the articulation agreement are certified under the State Department of Education Business and Industry Certification (BIC) standards.
3. Teachers of the secondary courses for which articulation credit is sought were certified by the Alabama State Board of Education to teach those courses at the time the student passed the course(s) and meet instructor qualifications established by the Alabama State Board of Education for postsecondary instructors of the collegiate course(s) in which articulated credit is requested.
4. The student must have earned a letter grade of "C" (2.0 on a 4.0 scale) or higher in the secondary course(s) for which articulation is being sought.
5. The student must be admitted to the college from which articulation credit is granted.
6. Colleges may grant articulated credit for courses not within the student's declared program of study.


Emailed 10/20/17

7. Articulation credit must be requested by the student no later than 20 months after high school graduation.
8. Coursework completed in grades 10 through 12 is eligible for articulated credit.
9. Articulation credit is not available in postsecondary courses if granting such credit violates policies or regulations of licensure agencies or regulatory boards.
10. The secondary teacher or Career/Tech Administrator is authorized to provide certification signatures.


For more information please contact Ms. Natalie E. English at (334) 293-4574 or by email at natalie.english@accs.edu.



Jimmy Baker, Chancellor
Alabama Community College System



Ed Richardson
Interim State Superintendent of Education
Alabama State Department of Education



Collie Wells, Interim Deputy State
Superintendent of Education
Career and Technical Education/
Workforce Development Division

Attachment

cc: Academic Officers

Final Course Listing for Statewide Articulation

October 16, 2017

Postsecondary Courses		Credit Value	Secondary Course Numbers	Required Secondary Courses
ACT		Accounting Technology		
104	Introduction to Business	3	400017	Entrepreneurship
141	Fundamentals of Accounting I	3	470012	Accounting and
			470013	Advanced Accounting
ADM		Advanced Manufacturing		
105	Fundamentals of Industrial Hydraulics and Pneumatics	3	430004	NCCER Architecture, Construction, Manufacturing Core and
			542521	NCCER Industrial Maintenance-Mechanical 1 and
			542522	NCCER Industrial Maintenance-Mechanical 2 and
			542523	NCCER Industrial Maintenance-Mechanical 3
208	Intro to Technical Drawing	3	410005	Introduction to Drafting Design and
			430010	Intermediate Drafting Design
ACR and ASC		Air Conditioning Refrigeration Tech / Heating and Air Conditioning		
112 and 121	HVACR Service Procedures and Principles of Electricity for HVACR	6	430004	NCCER Architecture, Construction, Manufacturing Core and
			432601	NCCER HVAC 1 and
			432602	NCCER HVAC 2 and
			432603	NCCER HVAC 3

Postsecondary Courses		Credit Value	Secondary Course Numbers	Required Secondary Courses
ABR	Automotive Body Repair			
122	Surface Preparation	3	570030	Painting and Refinishing I and
			570031	Painting and Refinishing II
123	Paint Application and Equipment	3	570030	Painting and Refinishing I and
			570031	Painting and Refinishing II
151	Safety and Environmental Practices	3	570030	Painting and Refinishing I and
			570031	Painting and Refinishing II and
			570032	Painting Refinishing III
			OR	
			any combination of three Collision Repair Technology courses	
AUT	Automotive Manufacturing Technology			
110	DC Fundamentals	3	430058	Direct Current
111 or 112	AC Fundamentals or Principles of Industrial Electricity	3	430059	Alternating Current
130	Fundamentals of Industrial Hydraulics and Pneumatics	3	430004	NCCER Architecture, Construction, Manufacturing Core and
			542521	NCCER Industrial Maintenance-Mechanical 1 and
			542522	NCCER Industrial Maintenance-Mechanical 2 and
			542523	NCCER Industrial Maintenance-Mechanical 3
149	Basic Machining Technology	5	540041	Introduction to Precision Machining and
			540048	Introduction to Milling, Drill Press, and Surface Grinder and
			540047	Introduction to Lathe
150 and 151	Introduction to Machine Shop I and Introduction to Machine Shop I Lab	6	540041	Introduction to Precision Machining and
			540048	Introduction to Milling, Drill Press, Surface Grinder and
			540047	Introduction to Lathe
186	Principles of Industrial Maintenance Welding and Metal Cutting Techniques	3	430004	NCCER Architecture, Construction, Manufacturing Core and
			432901	NCCER Welding 1
253		3	540042	Introduction to Computer Numerical Control

Postsecondary Courses		Credit Value	Secondary Course Numbers	Required Secondary Courses
	Introduction to Computer Numerical Control (CNC)		540043	and Intermediate Computer Numerical Control
Postsecondary Courses		Credit Value	Secondary Course Numbers	Required Secondary Courses
BUC	Building and Construction			
110	Basic Construction Tools and Materials	3	430004	NCCER Architecture, Construction, Manufacturing Core and
			432301	NCCER Carpentry 1
			OR	
			430004	NCCER Architecture, Construction, Manufacturing Core and
			410007	Construction Framing
115	Roof and Ceiling Framing	3	410007	Construction Framing
121	Floors and Walls Framing	3	432301	NCCER Carpentry 1 and
			432302	NCCER Carpentry 2
			OR	
			410007	Construction Framing and
			410008	Construction Finishing & Interior Systems
131	Interior and Exterior Finishes	3	410008	Construction Finishing & Interior Systems
			OR	
			430035	Carpentry for Residential Exteriors
			430034	Carpentry for Residential Interiors

Postsecondary Courses		Credit Value	Secondary Course Numbers	Required Secondary Courses
CAR		Carpentry		
111 and 114	Construction Basics and Construction Basics Lab	6	430004	NCCER Architecture, Construction & Manufacturing Core and
			432301	NCCER Carpentry 1
			OR	
			430004	NCCER Architecture, Construction & Manufacturing Core and
			410007	Construction Framing
112 and 113	Floors, Walls, and Site Prep and Floors, Walls, and Site Prep Lab	6	432301	NCCER Carpentry I and
			432302	NCCER Carpentry II
			OR	
			410006	Construction Site Preparation and Foundations and
			410007	Construction Framing
131 and 133	Roof and Ceiling Systems and Roof and Ceiling Systems Lab	6	410007	Construction Framing
			OR	
			430035	Carpentry for Residential Exteriors and
			430031	Carpentry II
132	Interior and Exterior Finishes	3	432303	NCCER Carpentry 3
CAT		Commercial Art		
152	Digital Photography	3	440051	Introduction to Commercial Photography and
			440052	Medium Format Photography

Postsecondary Courses		Credit Value	Secondary Course Numbers	Required Secondary Courses
CHD	Child Development			
100	Introduction to Early Care and Education of Children	3	510021	Child Development and
			460009	Education and Training
			OR	
			460013	Early Childhood Education I and
			460014	Early Childhood Education II
202	Children's Creative Experiences	3	510021	Child Development and
			510043	Creative Arts
CLR	Clerical			
101	Beginning Keyboarding	3	450006	Business Technology Applications
104	Advanced Keyboarding	3	450006	Business Technology Applications
125	Word Processing	3	450006	Business Technology Applications
CNC	Computer Numerical Control			
111	Introduction to Computer Numerical Control	3	540042	Introduction to Computer Numerical Control and
			540043	Intermediate Computer Numerical Control
139	Basic Computer Numerical Control	2	540042	Introduction to Computer Numerical Control and
			540043	Intermediate Computer Numerical Control
CIS and DPT	Computer Science			
111	Word Processing Software Applications	3	450006	Business Technology Applications and
			450031	Business Technology Applications - Advanced
113	Spreadsheet Software Applications	3	450006	Business Technology Applications and
			450031	Business Technology Applications - Advanced
115	Presentation Graphics Software Applications	3	450006	Business Technology Applications and
			450031	Business Technology Applications - Advanced
149	Introduction To Computers	3	520005	Information Technology Fundamentals
			OR	
			450006	Business Technology Applications
161	Introduction to Network Communications	3	520021	Networking I

Postsecondary Courses	Credit Value	Secondary Course Numbers	Required Secondary Courses
COS	Cosmetology		
111 and 112	6	510060	Introduction to Cosmetology
117 and 118	6	510063	Introduction to Spa Techniques and
		510064	Advanced Spa Techniques Applications
CUA	Culinary Arts		
101	3	500011	Hospitality and Tourism
112	2	500012	Culinary Arts I and
		500013	Culinary Arts II
DAT and DNT	Dental Assisting		
100	2	490012	Dental Assisting and
		490007	Foundation of Health
DDT	Drafting and Design Technology		
111	3	410005	Introduction to Drafting Design
124	3	410005	Introduction to Drafting Design and
		430010	Intermediate Drafting Design
EET	Electrical Engineering Technology		
103	3	430058	Direct Current
104	3	430059	Alternating Current

Postsecondary Courses		Credit Value	Secondary Course Numbers	Required Secondary Courses
ELT	Electrical Technology			
106 or 109	AC Principles of Electricity II or AC Fundamentals	3	430059	Alternating Current
107 or 108	DC Principles of Electricity II or DC Fundamentals	3	430058	Direct Current
110	Wiring Methods	3	430058	Direct Current and
			430059	Alternating Current and
			432501	NCCER Electrical Technologies 1
ELM	Electro-Mechanical Technology			
200	Electric Circuits I	3	430058	Direct Current
201	Electric Circuits II	3	430059	Alternating Current
210	Fluid Power I	3	430004	NCCER Architecture, Construction, Manufacturing Core and
			542521	NCCER Industrial Maintenance- Mechanical 1 and
			542522	NCCER Industrial Maintenance- Mechanical 2 and
			542523	NCCER Industrial Maintenance- Mechanical 3
GRD	Graphics Design			
101	Introduction to Graphics	3	440031	Introduction to Advertising and
			440032	Digital Design and
			440033	Graphic Illustration
121	Digital Photography Foundation	3	440051	Introduction to Commercial Photography and
			440052	Medium Format Photography

Postsecondary Courses	Credit Value	Secondary Course Numbers	Required Secondary Courses
IAT Industrial Automation Technology			
121	Fundamentals of Industrial Hydraulics and Pneumatics	3	430004 NCCER Architecture, Construction, Manufacturing Core and 542521 NCCER Industrial Maintenance-Mechanical 1 and 542522 NCCER Industrial Maintenance-Mechanical 2 and 542523 NCCER Industrial Maintenance-Mechanical 3
141	DC Fundamentals	3	430058 Direct Current
245	AC Fundamentals	3	430059 Alternating Current
ILT Industrial Electronics			
160	DC Fundamentals	3	430058 Direct Current
161	AC Fundamentals	3	430059 Alternating Current
169	Hydraulic/Pneumatics	3	430004 NCCER Architecture, Construction, Manufacturing Core and 542521 NCCER Industrial Maintenance-Mechanical 1 and 542522 NCCER Industrial Maintenance-Mechanical 2 and 542523 NCCER Industrial Maintenance-Mechanical 3
195	Troubleshooting Techniques I	3	430058 Direct Current and 430059 Alternating Current and 540015 Semiconductors
IET Industrial Engineering Technology			
111	DC Fundamentals	3	430058 Direct Current
131	Fluid Power Systems	3	430004 NCCER Architecture, Construction, Manufacturing Core and 542521 NCCER Industrial Maintenance-Mechanical 1 and 542522 NCCER Industrial Maintenance-Mechanical 2 and 542523 NCCER Industrial Maintenance-Mechanical 3
143	Principles of Electricity	3	430059 Alternating Current

Postsecondary Courses		Credit Value	Secondary Course Numbers	Required Secondary Courses
INT	Industrial Maintenance Technology			
101	DC Fundamentals	3	430058	Direct Current
103	AC Fundamentals	3	430059	Alternating Current
118	Fundamentals of Industrial Hydraulics and Pneumatics	3	430004	NCCER Architecture, Construction, Manufacturing Core and
			542521	NCCER Industrial Maintenance-Mechanical 1 and
			542522	NCCER Industrial Maintenance-Mechanical 2 and
			542523	NCCER Industrial Maintenance-Mechanical 3
134	Principles of Industrial Maintenance Welding and Metal Cutting Techniques	3	430004	NCCER Architecture, Construction, Manufacturing Core and
			432901	NCCER Welding 1
153	Precision Machining Fundamentals I	3	540041	Introduction to Precision Machining
Landscape and Horticulture				
HOC 110 or OHT 110 or LOM 110 or TRF 110 or AGR 101 or AGP 101	Introduction to Horticulture	3	420051	Horticultural Science and
			420054	Greenhouse Production and Management
			OR	
			420051	Horticultural Science and
			420055	Nursery Production and Management
HOC 120 or OHT 120 or LOM 120 or AGR 220	Plant Propagation	3	420051	Horticultural Science and
			420054	Greenhouse Production and Management
			OR	
			420051	Horticultural Science and
			420055	Nursery Production and Management
HOC 136 or OHT 136 or LOM 136 or AGR 136	Residential Landscape	3	420057	Landscape Design and Management and
			420056	Sports Turfgrass Production and Management
			OR	
			420059	Residential Landscape Establishment and Maintenance and
			420056	Sports Turfgrass Production and Management

Postsecondary Courses		Credit Value	Secondary Course Numbers	Required Secondary Courses
MSP	Machine Shop Technology			
101	Basic Machining Technology	5	540041	Introduction to Precision Machining and
			540048	Introduction to Milling, Drill Press, and Surface Grinder and
			540047	Introduction to Lathe
111	Introduction to Computer Numerical Control	2	540042	Introduction to Computer Numerical Control and
			540043	Intermediate Computer Numerical Control
MTT	Machine Tool Technology			
139	Basic Computer Numerical Control	3	540042	Introduction to Computer Numerical Control and
			540043	Intermediate Computer Numerical Control
147 and 148	Introduction to Machine Shop I and Introduction to Machine Shop I Lab	6	540041	Introduction to Precision Machining and
			540048	Introduction to Milling, Drill Press, Surface Grinder and
			540047	Introduction to Lathe
MAS	Masonry			
111	Masonry Fundamentals	3	432701	NCCER Masonry 1
121	Brick/Block Masonry Fundamentals	3	432702	NCCER Masonry 2 and
			432703	NCCER Masonry 3
OAD and SET	Office Administration			
103	Intermediate Keyboarding	3	450006	Business Technology Applications
110	Computer Navigation	3	450006	Business Technology Applications
125	Word Processing	3	450006	Business Technology Applications
135	Financial Record Keeping	3	470012	Accounting
PHM	Pharmacy Technician/Assistant			
100	Introduction to Pharmacy	2	490022	Intro to Pharmacy
RTV	Radio and TV Broadcasting			
125	Digital Photography Foundation	3	440051	Introduction to Commercial Photography and
			440052	Medium Format Photography
VCM	Visual Communication			
145	Introduction to Digital Photography	3	440051	Introduction to Commercial Photography and
			440052	Medium Format Photography