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Chancellor

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MEMORANDUM 2011-ISS-063

Date: June 29, 2011

To: Presidents, Alabama Community College System

Re: State-wide Articulation for Career and Technical Courses Memorandum of Agreement

We are pleased to announce that the attached listings of Career and Technical courses from Alabama State Department of Education secondary institutions and the corresponding Alabama Community College System courses are approved for state-wide articulation for the academic year 2011-2012. The effective date of this approval coincides with the date of signatures of approval and will remain in effect until superseded.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 offering 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/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 Alabama 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).
4. At the time the student passed the secondary course(s) for which articulation credit is sought, teachers of those courses met the instructor qualifications established by the Alabama State Board of Education for postsecondary instructors of the collegiate course(s) in which articulation credit is requested.
5. The student must have earned a letter grade of "B" (3.0 on a 4.0 scale) or higher in the secondary course(s) for which articulation is being sought.
6. The student must be admitted to the college from which articulation credit is granted.
7. A student may receive articulation credit only for courses creditable to his or her declared program of study.

education works.

Governor Robert Bentley
President

Randy McKinney
District 1

Betty Peters
District 2

Stephanie Bell
District 3

Yvette M. Richardson
District 4

Ella B. Bell
District 5

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District 7

Mary Scott Hunter
District 8

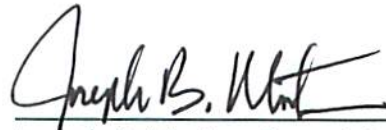
June 29, 2011

8. Articulation credit must be requested by the student no later than 16 months after high school graduation.
9. Secondary coursework completed in grades 11 and 12 is eligible for articulation credit. Further, students may receive statewide articulation credit for coursework completed in the 10th grade where the student continues and completes coursework in the same program area through the 11th and 12th grade.
10. Articulation credit is not available in postsecondary courses for which there is an age requirement that was not met by the student at the time the student passed the secondary course(s) for which articulation credit is sought.
11. Articulation credit is not available in postsecondary courses if granting such credit violates policies or regulations of licensure agencies or regulatory boards.
12. The secondary teacher or Career/Tech Administrator is authorized to provide certification signatures.

Please contact Mr. Dave Laton (dave.laton@dpe.edu) or Mr. Ted Davis (ted.davis@dpe.edu) if you have any questions regarding this articulation agreement. Thank you for your continued support of career/technical education.



Freida Hill, Chancellor
Department of Postsecondary Education



Joseph B. Morton, Superintendent
State Department of Education

/tj

Enclosures

cc: Dr. Eddie Johnson
Ms. Sherry Key
Instructional Officers
Deans of Students
Registrars

**Final Course Listing for Statewide Articulation
Fall 2011 through Summer 2012**

06/14/11

Postsecondary Courses		Credit Value	Secondary Course Numbers		Required Secondary Courses
			2009-10	Current	
Accounting Technology (ACT)					
104	Introduction to Business	3		400017	Entrepreneurship
141	Fundamentals of Accounting I	3		470012	Accounting and
				470013	Advanced Accounting
Advanced Manufacturing (ADM)					
105	Fundamentals of Industrial Hydraulics and Pneumatics	3	480301	540011	Industrial Systems and Maintenance I and
			480302	540012	Industrial Systems and Maintenance II and
			480303	540013	Industrial Systems and Maintenance III and
			480304	540014	Industrial Systems and Maintenance IV
208	Intro to Technical Drawing	3	430110	410005	Introduction to Drafting Design and
			431001	430010	Intermediate Drafting Design
Air Conditioning/Refrigeration Tech (ACR) Heating And Air Conditioning (ASC)					
112	HVACR Service Procedures	3	431806	430126	Refrigerants and
			431801	430121	Introduction to Heating, Ventilation Air-Conditioning, and Refrigeration (HVACR) and
			431805	430125	HVACR Electrical Components and Controls and
			431804	430124	Introduction to Electricity for HVACR Systems
121	Principles of Electricity for HVACR	3	431804	430124	Introduction to Electricity for HVACR Systems
123	HVAC/R Electrical Components	3	431802	430122	Basic Compression Refrigeration and
			431801	430121	Introduction to HVACR and
			431805	430125	HVACR Electrical Components and Controls and
			431804	430124	Introduction to Electricity for HVACR Systems
Automotive Body Repair (ABR)					
122	Surface Preparation	3	471101	570030	Painting and Refinishing I and
			471102	570031	Painting and Refinishing II

Postsecondary Courses		Credit Value	Secondary Course Numbers		Required Secondary Courses
123	Paint Application and Equipment	3	471101	570030	Painting and Refinishing I and
			471102	570031	Painting and Refinishing II
151	Safety and Environmental Practices	3	471101	570030	Painting and Refinishing I and
			471102	570031	Painting and Refinishing II and
			471103	570032	Painting Refinishing III
			OR		any combination of three Collision Repair Technology courses
Automotive Manufacturing Technology (AUT)					
110	DC Fundamentals	3	431509	430058	Direct Current
111 or 112	AC Fundamentals or Principles of Industrial Electricity	3	431510	430059	Alternating Current
130	Fundamentals of Industrial Hydraulics and Pneumatics	3	480301	540011	Industrial Systems and Maintenance I and
			480302	540012	Industrial Systems and Maintenance II and
			480303	540013	Industrial Systems and Maintenance III and
			480304	540014	Industrial Systems and Maintenance IV
149	Basic Machining Technology	5	480701	540041	Introduction to Precision Machining and
			480708	540048	Introduction to Milling, Drill Press, and Surface Grinder and
			480707	540047	Introduction to Lathe
150 and 151	Introduction to Machine Shop I and Introduction to Machine Shop I Lab	6	480701	540041	Introduction to Precision Machining and
			480708	540048	Introduction to Milling, Drill Press, Surface Grinder and
			480707	540047	Introduction to Lathe
186	Principles of Industrial Maintenance Welding and Metal Cutting Techniques	3	431601	430070	Introduction to Welding
253	Introduction to Computer Numerical Control (CNC)	3	480702	540042	Introduction to Computer Numerical Control and
			480703	540043	Intermediate Computer Numerical Control
Automotive Technology (ASE), Automotive Mechanics (AUM)					
110	Electrical and Electronic Systems I	3	471106	570025	Automotive Electrical & Electronic Systems I and
			471107	570026	Automotive Electrical & Electronic Systems II

Postsecondary Courses		Credit Value	Secondary Course Numbers		Required Secondary Courses	
112	Electrical Fundamentals	3	471106	570025	Automotive Electrical & Electronic Systems I and	
			471107	570026	Automotive Electrical & Electronic Systems II	
Building and Construction (BUC)						
110	Basic Construction Tools and Materials	3	430901	430004	Architecture, Construction & Manufacturing and	
			431301	430030	Carpentry I	
			OR			
			430901	430004	Architecture, Construction & Manufacturing and	
			430112	410007	Construction Framing	
115	Roof and Ceiling Framing	3	430112	410007	Construction Framing	
			OR			
			430901	430035	Carpentry for Residential Exteriors and	
			431301	430030	Carpentry I and	
			431302	430031	Carpentry II	
121	Floors and Walls Framing	3	431301	430030	Carpentry I and	
			431302	430031	Carpentry II	
			OR			
			430112	410007	Construction Framing and	
			430113	410008	Construction Finishing & Interior Systems	
131	Interior and Exterior Finishes	3	430113	410008	Construction Finishing & Interior Systems	
			OR			
			431306	430035	Carpentry for Residential Exteriors	
			431305	430034	Carpentry for Residential Interiors	
Cabinetmaking (CAB)						
140	Woodfinishing Fundamentals	3	431201	430021	Cabinetmaking I and	
			431202	430022	Cabinetmaking II	

Postsecondary Courses		Credit Value	Secondary Course Numbers		Required Secondary Courses	
Carpentry (CAR)						
111 and 114	Construction Basics and Construction Basics Lab	6	430901	430004	Architecture, Construction & Manufacturing and	
			431301	430030	Carpentry I	
			OR			
			430901	430004	Architecture, Construction & Manufacturing and	
			430112	410007	Construction Framing	
112 and 113	Floors, Walls, and Site Prep and Floors, Walls, and Site Prep Lab	6	431301	430030	Carpentry I and	
			431302	430031	Carpentry II and	
			OR			
			430111	410006	Construction Site Preparation and Foundations and	
			430112	410007	Construction Framing	
131 and 133	Roof and Ceiling Systems and Roof and Ceiling Systems Lab	6	430112	410007	Construction Framing	
			OR			
			431306	430035	Carpentry for Residential Exteriors and	
			431302	430031	Carpentry II	
132	Interior and Exterior Finishes	3	430113	410008	Construction Finishing and Interior Systems	
			OR			
			431306	430035	Carpentry for Residential Exteriors and	
			431302	410007	Carpentry II and	
			431305	430034	Carpentry for Residential Interiors	
Commercial Art (CAT)						
152	Digital Photography	3		440051	Introduction to Commercial Photography and	
				440052	Medium Format Photography	

Postsecondary Courses		Credit Value	Secondary Course Numbers		Required Secondary Courses	
Child Development (CHD)						
100	Introduction to Early Care and Education of Children	3	440901	510021	Child Development and	
			330206	460009	Education and Training	
			OR			
			330303	460013	Early Childhood Education I and	
			330304	460014	Early Childhood Education II	
202	Children's Creative Experiences	3	440901	510021	Child Development and	
			441103	510043	Creative Arts	
Clerical (CLR)						
101	Beginning Keyboarding	3	540203	450006	Business Technology Applications	
104	Advanced Keyboarding	3	540203	450006	Business Technology Applications	
125	Word Processing	3	540203	450006	Business Technology Applications	
Computer Numerical Control (CNC)						
111	Introduction to Computer Numerical Control	3	480702	540042	Introduction to Computer Numerical Control and	
			480703	540043	Intermediate Computer Numerical Control	
139	Basic Computer Numerical Control	2	480702	540042	Introduction to Computer Numerical Control and	
			480703	540043	Intermediate Computer Numerical Control	
Computer Science (CIS) Computer Science (DPT)						
111	Word Processing Software Applications	3	540203	450006	Business Technology Applications and	
			540601	450031	Business Technology Applications - Advanced	
113	Spreadsheet Software Applications	3	540203	450006	Business Technology Applications and	
			540601	450031	Business Technology Applications - Advanced	
115	Presentation Graphics Software Applications	3	540203	450006	Business Technology Applications and	
			540601	450031	Business Technology Applications - Advanced	
149	Introduction To Computers	3	460301	520005	Information Technology Fundamentals	
			OR			
			540203	450006	Business Technology Applications	
161	Introduction to Network Communications	3	460701	520021	Networking I	

Postsecondary Courses		Credit Value	Secondary Course Numbers		Required Secondary Courses
Cosmetology (COS)					
111 and 112	Introduction to Cosmetology and Introduction to Cosmetology Lab	6	441301	510060	Introduction to Cosmetology (year long program)
117 and 118	Basic Spa Techniques and Basic Spa Techniques Lab	6	441304	510063	Introduction to Spa Techniques and
			441305	510064	Advanced Spa Techniques Applications
Culinary Arts (CUA)					
101	Orientation to the Hospitality Profession	3		500011	Hospitality and Tourism
112	Sanitation, Safety, and Food Service	2		500012	Culinary Arts I and
				500013	Culinary Arts II
Drafting and Design Technology (DDT)					
111	Fundamentals of Drafting and Design Technology	3	430110	410005	Introduction to Drafting Design
124	Intro to Technical Drawing	3	430110	410005	Introduction to Drafting Design and
			431001	430010	Intermediate Drafting Design
Electrical Engineering Technology (EET)					
103	DC Fundamentals	3	431509	430058	Direct Current
104	AC Fundamentals	3	431510	430059	Alternating Current
Electrical Technology (ELT)					
106 or 109	AC Principles of Electricity II or AC Fundamentals	3	431510	430059	Alternating Current
107 or 108	DC Principles of Electricity II or DC Fundamentals	3	431509	430058	Direct Current
110	Wiring Methods	3	431509	430058	Direct Current and
			431510	430059	Alternating Current and
			431502	430051	Basic Wiring

Postsecondary Courses		Credit Value	Secondary Course Numbers		Required Secondary Courses
118	Commercial / Industrial Wiring I	3	431509	430058	Direct Current and
			431510	430059	Alternating Current and
			431505	430054	Motor Control and
			431502	430051	Basic Wiring and
			431504	430053	Commercial Wiring and
			431503	430052	Industrial Wiring
Electro-Mechanical Technology (ELM)					
200	Electric Circuits I	3	431509	430058	Direct Current
201	Electric Circuits II	3	431510	430059	Alternating Current
210	Fluid Power I	3	480301	540011	Industrial Systems and Maintenance I and
			480302	540012	Industrial Systems and Maintenance II and
			480303	540013	Industrial Systems and Maintenance III and
			480304	540014	Industrial Systems and Maintenance IV
Graphics Design (GRD)					
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
Industrial Automation Technology (IAT)					
121	Fundamentals of Industrial Hydraulics and Pneumatics	3	480301	540011	Industrial Systems and Maintenance I and
			480302	540012	Industrial Systems and Maintenance II and
			480303	540013	Industrial Systems and Maintenance III and
			480304	540014	Industrial Systems and Maintenance IV
141	DC Fundamentals	3	431509	430058	Direct Current
245	AC Fundamentals	3	431510	430059	Alternating Current

Postsecondary Courses		Credit Value	Secondary Course Numbers		Required Secondary Courses
Industrial Electronics (IET)					
160	DC Fundamentals	3	431509	430058	Direct Current
161	AC Fundamentals	3	431510	430059	Alternating Current
169	Hydraulic/Pneumatics	3	480301	540011	Industrial Systems and Maintenance I and
			480302	540012	Industrial Systems and Maintenance II and
			480303	540013	Industrial Systems and Maintenance III and
			480304	540014	Industrial Systems and Maintenance IV
195	Troubleshooting Techniques I	3	431509	430058	Direct Current and
			431510	430059	Alternating Current and
			480305	540015	Semiconductors
Industrial Engineering Technology (IET)					
111	DC Fundamentals	3	431509	430058	Direct Current
131	Fluid Power Systems	3	480301	540011	Industrial Systems and Maintenance I and
			480302	540012	Industrial Systems and Maintenance II and
			480303	540013	Industrial Systems and Maintenance III and
			480304	540014	Industrial Systems and Maintenance IV
143	Principles of Electricity	3	431510	430059	Alternating Current
Industrial Maintenance Technology (INT)					
101	DC Fundamentals	3	431509	430058	Direct Current
103	AC Fundamentals	3	431510	430059	Alternating Current
118	Fundamentals of Industrial Hydraulics and Pneumatics	3	480301	540011	Industrial Systems and Maintenance I and
			480302	540012	Industrial Systems and Maintenance II and
			480303	540013	Industrial Systems and Maintenance III and
			480304	540014	Industrial Systems and Maintenance IV
134	Principles of Industrial Maintenance Welding and Metal Cutting Techniques	3	431601	430070	Introduction to Welding
153	Precision Machining Fundamentals I	3	480701	540041	Introduction to Precision Machining

Postsecondary Courses		Credit Value	Secondary Course Numbers		Required Secondary Courses	
Landscape and Horticulture (HOC/LOM/OHT/TRF/AGR/AGP)						
HOC 110 or OHT 110 or LOM 110 or TRF 110 or AGR 101 or AGP 101	Introduction to Horticulture	3	010601	420051	Horticultural Science and	
			010604	420054	Greenhouse Production and Management	
			OR			
			010601	420051	Horticultural Science and	
			010605	420055	Nursery Production and Management	
HOC 120 or OHT 120 or LOM 120 or AGR 220	Plant Propagation	3	010601	420051	Horticultural Science and	
			010604	420054	Greenhouse Production and Management	
			OR			
			010601	420051	Horticultural Science and	
			010605	420055	Nursery Production and Management	
HOC 136 or OHT 136 or LOM 136 or AGR 136	Residential Landscape	3	010607	420057	Landscape Design and Management and	
			010606	420056	Sports Turfgrass Production and Management	
			OR			
			010609	420059	Residential Landscape Establishment and Maintenance and	
			010606	420056	Sports Turfgrass Production and Management	
Machine Shop Technology (MSP)						
101	Basic Machining Technology	5	480701	540041	Introduction to Precision Machining and	
			480708	540048	Introduction to Milling, Drill Press, and Surface Grinder and	
			480707	540047	Introduction to Lathe	
111	Introduction to Computer Numerical Control	2	480702	540042	Introduction to Computer Numerical Control and	
			480703	540043	Intermediate Computer Numerical Control	

Postsecondary Courses		Credit Value	Secondary Course Numbers		Required Secondary Courses
Machine Tool Technology (MTT)					
139	Basic Computer Numerical Control	3	480702	540042	Introduction to Computer Numerical Control and
			480703	540043	Intermediate Computer Numerical Control
147 and 148	Introduction to Machine Shop I and Introduction to Machine Shop I Lab	6	480701	540041	Introduction to Precision Machining and
			480708	540048	Introduction to Milling, Drill Press, Surface Grinder and
			480707	540047	Introduction to Lathe
Masonry (MAS)					
111	Masonry Fundamentals	3	430115	410010	Masonry Fundamentals
121	Brick/Block Masonry Fundamentals	3	431401	430040	Block Wall Construction
131	Brick/Block Masonry Fundamentals II	3	431402	430041	Residential Masonry I and
			431403	430042	Residential Masonry II
Office Administration (OAD) Office Administration (SET)					
103	Intermediate Keyboarding	3	540203	450006	Business Technology Applications
110	Computer Navigation	3	540203	450006	Business Technology Applications
125	Word Processing	3	540203	450006	Business Technology Applications
135	Financial Record Keeping	3	350302	470012	Accounting
Radio and TV/Broadcasting (RTV)					
125	Digital Photography Foundation	3		440051	Introduction to Commercial Photography and
				440052	Medium Format Photography
Visual Communication (VCM)					
145	Introduction to Digital Photography	3		440051	Introduction to Commercial Photography and
				440052	Medium Format Photography