

Washtenaw Community College
&
Washtenaw Intermediate School District
South & West Washtenaw Consortium
2017 - 2018 School Year
2018-2019 School Year
2019-2020 School Year

Secondary/Post-Secondary Articulation Agreement Annual Reauthorization

The instructors convened and agree that the current articulation agreements for the courses and programs contained in this document meet agreed upon conditions and the outcomes have been updated. The articulation agreements for all programs contained in this document will be reauthorized for students for the 2017-18. The articulation agreements will be continued for the 2018-2019 and 2019-2020 school years following a review of course and/or program changes. An addendum will be attached to note any changes for subsequent academic years.

Participating teachers at the secondary level will provide the appropriate student performance record for each student, which certifies areas and levels of task achievement. This record will serve as proof of competency for the recommended credit.

Eligible students will be informed of the opportunity to earn college credit.

Contained in this document are:

- List of specific parties in the 2+2 program alignment and articulation
- The secondary and post-secondary state approved CIP code
- The Agreement start dates for years one, two and three
- The H.S. Graduation for years one, two and three
- Last date to post credit for graduates during years one, two and three
- The secondary program fulfills the corresponding course at the post-secondary program
- Specific courses that are the foundation of the aligned Tech Prep program articulation agreement. Include academic as well as technical course requirements
- Specific timeline to apply for the credit, or to take a competency test to qualify for the credit
- Specific requirements from the post-secondary institution that a student must meet before articulated credits are granted

This agreement remains effective for two additional years after expiration date to permit student access to the agreed upon credits. Please see effective dates.

Curriculum information contained in this document is subject to change at any time. Please consult with college advisor or college website for more current and up-to-date information.

**Secondary – Post-secondary
Curriculum Aligned Course List**

South & West Washtenaw Consortium		Washtenaw Community College		
Course Number	Title Code	CIP	Course Number	Title CIP Code
Accounting/Finance		52.0800	Accounting	
	Statewide Agreement		ACC 100	Accounting Practices for Business (3cr)
			ACC 131	Accounting Information Systems (3cr)
Automotive Technologies		47.0604	Automotive Services	
	Statewide Agreement		ASV 130	Automotive Maintenance (4cr)
			ASV 132	Automotive Engines (4cr)
Business Admin, Mgmt. & Operations		52.0299	Business	
	Statewide Agreement		BMG 140	Introduction to Business (3cr)
Business Office Systems		52.0299	Business Office Systems	
				52.0402
522	Business Management Technology I		BOS 101A	Introduction to Keyboarding (1cr)
522	Business Management Technology I		BOS 101B	Intermediate Keyboarding (1cr)
522	Business Management Technology I		BOS 101C	Advanced Keyboarding (1cr)
522	Business Management Technology I		BOS 157	Word Processing & Document Formatting I (3cr)
Child Care Professional		19.0700	Child Care Professional	
				19.0709
508	Child Care Seminar Year 1		CCP 122	Essentials of Early Care and Education I (4cr)
			CCP 132	Child Development Practicum I (1cr)
508	Child Care Practicum Year 2		CCP 123	Essentials of Early Care and Education II (4cr)
			CCP 133	Child Development Practicum II (1cr)
Collision Repair Technician		47.0603	Auto Body Repair	
				47.0603
	Statewide Agreement		ABR 111	Introduction to Auto Body Repair (4cr)
			ABR 112	Introduction to Automotive Refinishing (4cr)
Computer Programming		52.0299	Computer Instruction	
				52.0402
	Statewide Agreement		CIS 100	Introduction to Computer Productivity Apps (3cr)
			CIS 110	Introduction to Computer Information Systems (3cr)
			CPS 171 or CPS 161	Introduction to Programming with C# (4cr) or An Introduction to Programming with Java (4cr)
Computer Systems Technology		47.0101	Computer Instruction	
				15.1202
946	Computer Servicing & Assoc Electronics		CST 118	MS Command Line Fundamentals (2cr)
946	Computer Servicing & Assoc Electronics		CST 160	Computer Systems Technology I (4cr)
946	Computer Serv & Assoc Electronics II		CST 225	PC Networking (3cr)
946	Computer Servicing III – Security		CSS 200	Introduction to Network Security – Security + (4cr)
946	Adv. Comp Networking & Cyber Security		CSS 205	Essentials of Network Penetration Testing (4cr)
Construction Technology		46.0000	Construction Technology	
				46.0000

	Statewide Agreement	CON 108	Introduction to Construction Technology (2cr)
		CON 104	Construction Framing I (3cr)
Cooking and Related Culinary Arts 12.0500		Culinary & Hospitality Management 12.0504	
	Statewide Agreement	CUL 110 ³	Sanitation and Hygiene (3cr)
		CUL 145	Introduction to Dining Room Protocol (3cr)
³ Students must present their ServeSafe Certification to receive credit for CUL 110. ACF requires a minimum of 30 contact hours in order to award credit.			
The following agreement is limited to programs at Howell High school, Huron High School, Lincoln High School, Pioneer High School, and Saline High School if they have fully implemented the ProStart Curriculum through the Michigan Restaurant & Lodging Association Educational Foundation (MRLAEF)			
Cooking and Related Culinary Arts 12.0500		Culinary & Hospitality Management 12.0504	
509	Hospitality and Culinary Arts	CUL 104	Baking Science (2cr)
		CUL 110 ³	Sanitation and Hygiene (2cr)
		CUL 114	Fundamentals of Baking (3cr)
		CUL 116	Culinary Principles (3cr)
³ Students must present their ServeSafe Certification to receive credit for CUL 110. ACF requires a minimum of 30 contact hours in order to award credit. Equivalencies valid for program using ProStart Curriculum.			
Cosmetology 12.0400		Elective Credit	
909/910	Cosmetology	TRI 300 ²	Elective Credit (20cr)
² No recommendation form is required. Students must present their Michigan State Board of Cosmetology License to the Student Connection in order to be awarded credit.			
Digital Media 11.0801		Web Design and Development 11.0801	
	Statewide Agreement	WEB 110	Web Development I (4cr)
Graphic & Printing Technology 10.0301		Digital Media Arts 50.0409	
	Statewide Agreement	GDT 106	Illustrator Graphics (3cr)
		GDT 107	InDesign (3cr)
		GDT 108	Photoshop Graphics (3cr)
926	Advanced Photography	PHO 111	Photography I (4cr)
926	Advanced Photography	PHO 127	Digital Photo Imaging I (4cr)
Health/Therapeutic Services 51.0000		Health Care Foundations 51.9999	
	Statewide Agreement	HSC 100 ⁴	Basic Nursing Assistant Skills (4cr)
		HSC 101	Healthcare Terminology (1cr)
		HSC 131 ⁵	CPR/AED for the Professional Rescuer and First Aid (1cr)
⁴ Students must bring in their CNA certificate in order to receive credit for HSC 100. Check admission requirements for your specific program.			
⁵ Students must present their card(s) for CPR/AED, Child and Infant CPR and First Aid from the American Red Cross to receive credit for HSC 131. Credit will only be granted if all three (3) sections have been passed and are documented.			
Marketing 52.1999		Business 52.1804	
543	Marketing I	CUL 174	CUL Co-op Education I (1-3cr)
Mechatronics 14.4201		Mechatronics 15.0405	
	Statewide Agreement	MEC 101	3D Modeling and Blueprint Reading (2cr)
		ROB 101	Robotics I – I (2cr)

Automation Technology (Machine Tools) 48.0501		Industrial Technology 15.0405	
935	Machine Tool Technology	MTT 102	Machining for Technology (2cr)
Radio & TV Broadcasting Technology 11.0202		Digital Video Production 50.0602	
	Statewide Agreement	VID 105	Foundations in Digital Video I (4cr)
Welding 48.0508		Welding and Fabrication 48.0508	
	Statewide Agreement	WAF 103	Introduction to Gas Tungsten Arc Welding (2cr)
936	Metal Processing & Welding Technology	WAF 105	Introduction to Welding Processes (2cr)
936	Metal Processing & Welding Technology	WAF 125	Introduction to Welding Processes I (2cr)
936	Metal Processing & Welding Technology	WAF 126	Introduction to Welding Processes II (2cr)
Welding offered by Saline High School as part of the South and West Washtenaw Consortium			

Secondary / Post-Secondary Program Alignment

Accounting/Finance

HIGH SCHOOL COURSE SEQUENCE

9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9 Algebra Science I (311) Career Prep & Expo (905) Basic Phys Ed (612) World History (410)	English 10 American Experience (056) Geometry Science II (313) U.S. History (422) Public Speaking	Literature & Society (060) Composition (023) U.S. Government (445) Marketing I (543) Business Service Tech I Accounting I (524)	English Elective Accounting II (535) Economics (444) Sociology (435) Family & Personal Living (846)

WASHTENAW COMMUNITY COLLEGE

Accounting

Associate in Applied Science Degree

<i>Semester 1</i>	___ Fall ___ Winter ___ Spring/Summer ___ X ___ Any	
ENG 111	Composition I	4
ACC 111	Principles of Accounting I	3
BOS 184	Spreadsheet Software Applications I	3
Math	Select from MTH 125, 160, 176 or 181	4
Semester Total		14
<i>Semester 2</i>	___ Fall ___ Winter ___ Spring/Summer ___ X ___ Any	
TAX 101	Income Taxes for Individuals	3
ACC 122	Principles of Accounting II	3
ACC 131	Accounting Information Systems	3
CIS 110	Introduction to Computer Information Systems	3
Semester Total		12
<i>Semester 3</i>	___ Fall ___ Winter ___ Spring/Summer ___ X ___ Any	
BMG 111	Business Law I	3
BMG 220	Principles of Finance	3
ACC 213	Intermediate Accounting	3
BMG 140	Introduction to Business	3
ECO 211	Principles of Economics I	3
Semester Total		15
<i>Semester 4</i>	___ Fall ___ Winter ___ Spring/Summer ___ X ___ Any	
Nat. Sci.	Elective(s)	4
Arts/Human.	Elective(s)	3
ACC 225	Managerial Cost Accounting	3
BMG 265	Business Statistics	3
Semester Total		13
<i>Semester 5</i>	___ Fall ___ Winter ___ Spring/Summer ___ X ___ Any	
COM 101	Fundamentals of Speaking	3
ACC 110	Payroll Accounting	2
BMG 207	Business Communication	3
ECO 222	Principles of Economics II	3
Semester Total		11
Program Totals		65

Please see the current Washtenaw Community College catalog for up-to-date program requirements.

Secondary / Post-Secondary Program Alignment

Mechatronics

HIGH SCHOOL COURSE SEQUENCE

9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9 Algebra Science I (311) Career Prep & Expo (905) Basic Phys Ed (612) World History (410)	American Experience (056) Integrated Geometry Science II (313) U.S. History (422) Public Speaking	Literature & Society (060) Composition (023) U.S. Government (445) Business Service Technology I (522) Metalworking Technologies (923)	English Elective Machine Tool Technology (935) CAD/CAM (938)

WASHTENAW COMMUNITY COLLEGE

Mechatronics

Associate in Applied Science Degree

Semester 1	<input checked="" type="checkbox"/> Fall <input type="checkbox"/> Winter <input type="checkbox"/> Spring/Summer <input type="checkbox"/> Any	
FLP 101	Fluid Power Fundamentals - I	2
FLP 110	Fluid Power Fundamentals - II*	2
Math	Elective(s)	3
NCT 101	Introduction to Computerized Machining (CNC) - I	2
NCT 110	Introduction to Computerized Machining (CNC) - II**	2
ROB 101	Robotics I - I	2
ROB 110	Robotics I - II	2
Semester Total		15
Semester 2	<input type="checkbox"/> Fall <input checked="" type="checkbox"/> Winter <input type="checkbox"/> Spring/Summer <input type="checkbox"/> Any	
MEC 100	Materials and Processes	3
MTT 102	Machining for Technology	2
ELE 111	Electrical Fundamentals	4
MEC 101	3D Modeling and Blueprint Reading	2
Writing	Elective(s)	3
Semester Total		14
Semester 3	<input type="checkbox"/> Fall <input type="checkbox"/> Winter <input checked="" type="checkbox"/> Spring/Summer <input type="checkbox"/> Any	
Speech	Elective(s)	3
MEC 201	Mechanisms	2
ROB 212	Robotics II	4
Concentration 2	Select a course from concentration	4
Semester Total		13
Semester 4	<input checked="" type="checkbox"/> Fall <input type="checkbox"/> Winter <input type="checkbox"/> Spring/Summer <input type="checkbox"/> Any	
Soc. Sci.	Elective(s)	3
ROB 222	Robotics Simulation	2
ROB 223	Robotics III	2
ELE 224	Introduction to PLCs	4
Concentration 3	Select a course from concentration	3
Semester Total		14
Semester 5	<input type="checkbox"/> Fall <input type="checkbox"/> Winter <input type="checkbox"/> Spring/Summer <input checked="" type="checkbox"/> Any	
Arts/Human.	Elective(s)	3
Nat. Sci.	Elective(s)	4
MEC 224	Robotics IV	4
Concentration 4	Select a course from concentration	3
Semester Total		14
Program Totals	Program Totals	70

Secondary / Post-Secondary Program Alignment

Automotive Technologies

HIGH SCHOOL COURSE SEQUENCE

9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9 Algebra Science I (311) Career Prep & Expo (905) Basic Phys Ed (612) World History (410)	American Experience (056) Public Speaking Geometry Science II (313) U.S. History (422) Business Service Tech I	Literature & Society (060) Composition (023) U.S. Government (445) Integrated Trigonometry (221) Applied Physics (331) Auto Tech I (937)	English Elective Sociology (435) Auto Tech II (945) Accounting I (524)

WASHTENAW COMMUNITY COLLEGE

Automotive Service Technology

Associate in Applied Science Program

Semester 1		
Course #	Course Title:	Credit Hours
ASV 130	Automotive Maintenance	4
ASV 131	Automotive Electrical	4
Math	Elective	3
Writing	Elective	3
ASV Elect	ABR 116, MTT 102 or WAF 105	2
Semester Total		16
Semester 2		
Course #	Course Title:	Credit Hours
ASV 132	Automotive Engines	4
ASV 133	Automotive Fuel	4
ASV 134	Automotive Transmission	4
Comp Lit	Elective	3
Semester Total		15
Semester 3		
Course #	Course Title:	Credit Hours
ASV 254	Suspension and Steering	2
ASV 255	Brakes	2
ASV 256	Electrical and Electronic Systems	4
ASV 258	Engine Drivability	2
Speech	Elective	3
Arts/Hum	Elective	3
Semester Total		16
Semester 4		
Course #	Course Title:	Credit Hours
Nat. Sci	Elective	3
Soc. Sci	Elective	3
Rest. Elect	ASV Restricted Elective	4
Elective	Minimum 60 credits	3
Semester Total		13
Program Totals		60

Secondary / Post-Secondary Program Alignment

Automotive Services

HIGH SCHOOL COURSE SEQUENCE

9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9 Algebra Science Social Studies Health/ Physical Ed Foreign Language Choice of Electives: Visual/Performing/Applied Arts	English 10 Math Science Social Studies Foreign Language Choice of Electives:	English 11 Math Social Studies Science Collision Repair & Refinishing I	English 12 Math Social Studies Collision Repair & Refinishing II

WASHTENAW COMMUNITY COLLEGE

Auto Body Repair

Certificate

Semester 1	<input type="checkbox"/> Fall <input type="checkbox"/> Winter <input type="checkbox"/> Spring/Summer <input checked="" type="checkbox"/> X <input type="checkbox"/> Any	
ABR 111	Introduction to Auto Body Repair	4
ABR 112	Introduction to Automotive Refinishing	4
Rest. Elect	Restricted Electives	4
Semester Total		12
Semester 2	<input type="checkbox"/> Fall <input type="checkbox"/> Winter <input type="checkbox"/> Spring/Summer <input checked="" type="checkbox"/> X <input type="checkbox"/> Any	
ABR 113 or 135	Estimating and Shop Operations or Collision-Related Mechanical & Electrical Repairs	4
ABR 123	Technical Auto Body Repair	4
Rest. Elect	Restricted Electives	4
Semester Total		12
Semester 3	<input type="checkbox"/> Fall <input type="checkbox"/> Winter <input type="checkbox"/> Spring/Summer <input checked="" type="checkbox"/> X <input type="checkbox"/> Any	
ABR 124	Technical Automotive Refinishing	4
Rest. Elect	Restricted Electives	2
Semester Total		6
Program Totals		30

Please see the current Washtenaw Community College catalog for up-to-date program requirements.

Secondary / Post-Secondary Program Alignment

Business Office Systems

HIGH SCHOOL COURSE SEQUENCE

9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9 Algebra Science I (311) Career Prep & Expo (905) Basic Phys Ed (612) World History (410)	American Experience (056) Public Speaking Integrated Geometry Science II (313) U.S. History (422) Public Speaking	Literature & Society (060) Composition (023) U.S. Government (445) Business Service Technology I (522) Advanced Technology (908)	English Elective Programming Visual Basic (529) Business Management Technology II (523)

WASHTENAW COMMUNITY COLLEGE

Business Office Administration – Administrative Assistant Associate in Applied Science Degree

Semester 1		
BOS 101C	Advanced Keyboarding	1
BOS 106	Electronic Planning, Sharing and Organization	3
BOS 206	Personal Management Application and Internet Resources	2
Writing	Elective	4
Math	Elective	4
Semester Total		14
Semester 2		
Arts/Human.	Elective(s)	3
ACC 100 or ACC 111	Accounting Practices for Business or Principles of Accounting I	3
BOS 157	Word Processing and Document Formatting I	3
BOS 184	Spreadsheet Software Applications I	3
Semester Total		12
Semester 3		
BMG 155	Business on the Internet	3
BOS 207	Presentation Software Applications	2
Speech	Elective	3
BOS 257	Word Processing and Document Formatting II	3
BOS 284	Spreadsheet Software Applications II	3
Semester Total		14
Semester 4		
BOS 182	Database Software Applications	3
BMG 207	Business Communication	3
BOS 208	Desktop Publishing for the Office	3
Nat. Sci.	Elective(s)	3
Semester Total		12
Semester 5		
ACC 131	Accounting Information Systems	3
BOS 230	Electronic Forms Design	3
BOS 250	Office Administration II	4
Soc. Sci.	Elective(s)	3

Semester Total		13
Program Totals		65

Please see the WCC catalog for other concentrations:

- Office Management (OFMG)
- Medical Administrative Assistant (MEDA)
- Law Office Administration (LAWA)

Secondary / Post-Secondary Program Alignment
Child Care Professional

HIGH SCHOOL COURSE SEQUENCE

9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9 Algebra (211) or Integrated Algebra A (216) Science I (311) Career Prep & Expo (905) Basic Phys Ed (612) World History (410)	American Experience (056) Public Speaking Integrated Geometry or Integrated Algebra B (217) Science II (313) U.S. History (422) Public Speaking	Literature & Society (060) Composition (023) U.S. Government (445) Child Care I (508)	English Elective Child Care II (508)

WASHTENAW COMMUNITY COLLEGE

Child Care Professional

Associate in Applied Science Degree

Semester 1		
CCP 122	Child Development Credentialing I	4
CCP 132	Child Development Practicum I	1
CIS 100	Introduction to Computers and Software Applications	3
ENG 111	Composition I	4
HSC 131	CPR/AED for the Professional Rescuer and First Aid	1
Semester Total		13
Semester 2		
CCP 101	Child Development**	3
CCP 123	Child Development Credentialing II	4
CCP 133	Child Development Practicum II	1
COM 101	Fundamentals of Speaking	3
Soc. Sci.	Elective(s)	3
Semester Total		14
Semester 3		
CCP 113	Health, Safety and Nutrition for Child Care	3
CCP 210	Child Guidance and Classroom Management	3
CCP 251	Education of Exceptional Children	3
Math	Select one of MTH 125 or MTH 148	4
Semester Total		13
Semester 4		
CCP 160	Foundations of Child Care and Early Education	3
CCP 200	Working with Families in a Diverse Society	3
CCP 209	Curriculum for Young Children	3
Nat. Sci.	Elective(s)*	4
Semester Total		13
Semester 5		
CCP 218	Advanced Child Care Seminar	1
CCP 219	Advanced Child Care Practicum	2
Elective	Any 100-level or above course	1
ENG 240 or 242	Children's Literature or Multicultural Literature for Youth	3
Semester Total		7
Program Totals		60

Secondary / Post-Secondary Program Alignment

Computer Sys. Networking & Technology

HIGH SCHOOL COURSE SEQUENCE

9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9 Algebra (211) or Integrated Algebra A (216) Science I (311) Career Prep & Expo (905) Basic Phys Ed (612) World History (410)	American Experience (056) Public Speaking Integrated Geometry or Integrated Algebra B (217) Science II (313) U.S. History (422) Public Speaking	Literature & Society (060) Composition (023) U.S. Government (445) Business Service Technology I (526) Basic Art (615) Graphic Communications (914)	English Elective Visual Imaging Technology (924) Web Authoring (522) CompTIA Security + Boot Camp Hacking Essentials

WASHTENAW COMMUNITY COLLEGE

Computer Systems and Networking - Computer and Network Security Concentration (CSEC) Associate in Applied Science Degree

Semester 1		
CST 118	MS Command Line Fundamentals	2
CST 160	Computer Technology I	4
CST 165	Computer Technology II	4
CST 225	PC Networking	3
Speech	Elective(s)	3
Semester Total		16
Semester 2		
Writing	Elective(s)	3
Math	Elective(s)	3
CIS 121	Linus/UNIX I: Fundamentals	4
CNT 201	Administering Microsoft Windows Client Operating System	3
CNT 211	Installing and Configuring Windows Server 2012	4
Semester Total		17
Semester 3		
Natural Science	Elective(s)	3
Soc. Sci.	Elective(s)	3
CNT 206	Internetworking I - Fundamentals	4
CNT 216	Internetworking II - Routers	4
CSS 200	Introduction to Network Security	4
Semester Total		18
Semester 4		
Arts/Human.	Elective(s)	3
CIS 161	Introduction to PowerShell	4
CSS 205	Essentials of Network Penetration Testing	4
CSS 210	Basic Network Perimeter Protection	4
Semester Total		15
Program Totals		66

Additional Program Concentrations Include: Computer Forensics (CSFC), Linux Network Operating System (LNOS)
Local and Wide Area Networking (NETW), Microsoft Network Operating System (MNOS)

Computer Sys. Networking & Technology

HIGH SCHOOL COURSE SEQUENCE

9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9 Algebra (211) or Integrated Algebra A (216) Science I (311) Career Prep & Expo (905) Basic Phys Ed (612) World History (410)	American Experience (056) Public Speaking Integrated Geometry or Integrated Algebra B (217) Science II (313) U.S. History (422) Public Speaking	Literature & Society (060) Composition (023) U.S. Government (445) Business Service Technology I (526) Basic Art (615) Graphic Communications (914)	English Elective Visual Imaging Technology (924) Computer Servicing III, Security (

WASHTENAW COMMUNITY COLLEGE Cybersecurity (APCSCY)

Associate in Applied Science Degree

Associate in Applied Science Degree

Semester 1		
CIS 121	Linux/UNIX I: Fundamentals	4
CPS 120 or CPS 161	Intro. To Computer Science or An Intro to Programming with Java	3
CST 160 or CST 225	Computer Technology I or PC Networking	3
Writing/ Composition	Elective(s)	3
Natural Sciences	Elective(s)	3
Semester Total		16
Semester 2		
CNT 206	Introduction to Networks	4
CNT 216	Routing and Switching Essentials	4
CSS 200	Introduction to Network Security – Security+	4
CSS 205	Essentials of Network Penetration Testing	4
Semester Total		16
Semester 3		
CIS 161	Introduction to PowerShell	4
CNT 201	Administering Microsoft Windows Client Operating Systems	3
CNT 211	Installation, Storage and Compute – Windows Server 2016	4
MTH 160	Basic Statistics	4
Semester Total		15
Semester 4		
Arts/Human.	Elective(s)	3
CSS 201	Introduction to Cryptography	3
CSS 210	Network Perimeter Protection – CCNA Security	4
Writing or Communication	Elective(s)	3
Soc. Sci.	Elective(s)	3
Semester Total		16
Program Totals		63

Secondary / Post-Secondary Program Alignment

Construction Technology

HIGH SCHOOL COURSE SEQUENCE

9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9 Algebra Science I (311) Career Prep & Expo (905) Basic Phys Ed (612) World History (410)	American Experience (056) Integrated Geometry Science II (313) U.S. History (422) Public Speaking	Literature & Society (060) Composition (023) U.S. Government (445) Introduction to Drafting and CAD (911) Building Trades I (928)	Multicultural Literature Building Trades II (928)

WASHTENAW COMMUNITY COLLEGE

Construction Technology

Associate in Science Degree

Semester 1		
ENG 111	Composition I	4
Arts/Human.	Elective(s)*	3
CON 108	Introduction to Construction Technology	2
MTH 178	General Trigonometry	3
CON 104	Construction Framing I	3
Semester Total		15
Semester 2		
ENG 226	Composition II	3
CMG 130	Construction Site Safety and MIOSHA Regulations	3
PLS 112	Introduction to American Government	3
CON 105	Construction Framing II	3
Computer Lit.	Elective(s)*	3
Semester Total		15
Semester 3		
Speech	Elective(s)	3
Arts/Human.	Elective(s)*	3
PHY 105	Conceptual Physics	4
CON 204	Construction Finishes Interior	3
CON 205	Construction Finishes Exterior	3
Semester Total		16
Semester 4		
Arts/Human.	Elective(s)*	3
Soc. Sci.	Elective(s)	3
CON 220	Construction Licensing, Contracts, and Start Up	3
CON 230	Construction Production	3
CON 255	Construction Concrete and Masonry	3
Semester Total		15
Program Totals		61

Secondary / Post-Secondary Program Alignment

Cosmetology

HIGH SCHOOL COURSE SEQUENCE

9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9 Algebra Science I (311) Career Prep & Expo (905) Basic Phys Ed (612) World History (410)	American Experience (056) Public Speaking Integrated Geometry Science II (313) U.S. History (422) Public Speaking	Literature & Society (060) Composition (023) U.S. Government (445)	English Elective

WASHTENAW COMMUNITY COLLEGE

Management

Associate in Applied Science

Semester 1		
Arts/Human.	Elective(s)	3
Computer Lit	Elective(s)	3
Speech	Elective(s)	3
Writing	Elective(s)	4
Semester Total		13
Semester 2		
Math	Elective(s)	4
Nat. Sci.	Elective(s)	4
OCC ELE 1	Occupational/Technical Course 1	3
OCC ELE 2	Occupational/Technical Course 1	3
Semester Total		14
Semester 3		
OCC ELE 3	Occupational/Technical Course 1	3
OCC ELE 4	Occupational/Technical Course 1	3
OCC ELE 5	Occupational/Technical Course 5	3
BUS ELE 1	Restricted ACC, BMG, CIS, WEB and/or RES elective	3
Semester Total		12
Semester 4		
BMG 230	Management Skills	3
BMG 273	Managing Operations	3
Soc. Sci.	Elective(s)	3
BUS ELE 2	Restricted ACC, BMG, CIS, WEB and/or RES elective	3
Semester Total		12
Semester 5		
BMG 279	Performance Management	3
BMG 291	Project Management	3
BUS ELE 3	Restricted ACC, BMG, CIS, WEB and/or RES elective	3
BUS ELE 4	Restricted ACC, BMG, CIS, WEB and/or RES elective	3
Semester Total		12
Program Totals		63

Secondary / Post-Secondary Program Alignment

Culinary Arts & Hospitality

HIGH SCHOOL COURSE SEQUENCE

9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9 Algebra Science I (311) Career Prep & Expo (905) Basic Phys Ed (612) World History (410)	American Experience (056) Integrated Geometry Science II (313) U.S. History (422) Public Speaking	Literature & Society (060) Composition (023) U.S. Government (445) Practical Nutrition (850)	Multicultural Literature Hospitality & Culinary Arts (509)

WASHTENAW COMMUNITY COLLEGE

Culinary Arts & Management

Associate in Applied Science Degree

<i>Semester 1</i>		
CUL 110	Sanitation and Hygiene**	2
CUL 116	Fundamental Culinary Principles	3
CUL 118	Principles of Nutrition	3
CUL 145	Introduction to Dining Room Protocol	3
Math	Elective(s)	3
Writing/Composition	Elective(s)	3
Semester Total		16-17
<i>Semester 2</i>		
CUL 104	Baking Science	2
CUL 120	Classical Kitchen Operations	3
CUL 141	Principles of Cost Control	3
CUL 150	Management and Supervision	3
Writing/Composition or Communication	Elective(s)	3
Natural Science	Elective(s)	3
Semester Total		17
<i>Semester 3</i>		
CUL 114	Fundamentals of Baking	3
CUL 121	Modern Kitchen	3
CUL 208	Menu Planning	3
CUL 221	Culinary Purchasing	3
Elective	Select one of CUL 232, CUL 233, CUL 234, CUL 251	2
Arts and Humanities	Elective(s)	3
Semester Total		17
<i>Semester 4</i>		
CUL 115	Fundamentals of Pastry	3
CUL 210	Garde Manger	3
CUL 230	American Regional and Global Cuisines	3
CUL 245	Beverage Management	2
Soc. Sci.	Elective(s)	3
Elective	Select one of CUL 232, CUL 233, CUL 234, CUL 251	2
Semester Total		16
Program Totals		67

Footnotes:

**CUL 110 must be taken before or as a co-requisite with any of the lab classes.

Credit awarded for students taught using ProStart Curriculum.

Secondary / Post-Secondary Program Alignment

Digital Media Arts/Visual Arts Technology

HIGH SCHOOL COURSE SEQUENCE

9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9 Algebra Science I (311) Career Prep & Expo (905) Basic Phys Ed (612) World History (410)	American Experience (056) Public Speaking Integrated Geometry Science II (313) U.S. History (422) Public Speaking	Literature & Society (060) Composition (023) U.S. Government (445) Business Service Technology I (526) Basic Art (615) Graphic Communications (914)	English Elective Visual Imaging Technology (924) Web Authoring (522)

WASHTENAW COMMUNITY COLLEGE Graphic Design

Associate in Applied Science Degree

<i>Semester 1</i>		
GDT 101	History of Graphic Design	3
ENG 107 or 111	Technical Writing I or Composition I	3
GDT 104	Introduction to Graphic Design	4
WEB 115	Introduction to Interface Design	4
Social Science	Elective(s)	3
Semester Total		17-18
<i>Semester 2</i>		
GDT 100	Typography I	4
GDT 112	Principles and Problem Solving in Graphic Design	4
Math	Elective(s)	3-4
WEB 110	Web Development I	4
Semester Total		15-16
<i>Semester 3</i>		
GDT 215	Typography II	4
GDT 220	Publication Design	4
WEB 215	Intermediate Interface Design	4
Restricted Electives	Restricted Elective	3-4
Semester Total		15-16
<i>Semester 4</i>		
GDT 252	Advanced Digital Studio	4
GDT 290	Professional Practices	4
Speech	Elective(s)	3
Nat. Sci.	Elective(s)	3
Restricted Electives	Elective(s)	3 - 4
Semester Total		17-19
Program Totals		64-69

Additional Program Opportunities:

3D Animation Associate Degree, Technical Writing Associate Degree

Secondary / Post-Secondary Program Alignment

Health Science

HIGH SCHOOL COURSE SEQUENCE

9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9 Algebra* Science I (311) Career Prep & Expo (905) Basic Phys Ed (612) World History (410)	American Experience (056) Integrated Geometry Science II (313) U.S. History (422) Public Speaking	Literature & Society (060) Composition (023) U.S. Government (445) Biology (325)* Health Sciences (506)	Multicultural Literature (019) Sociology (435) Chemistry (326)* Health Sciences Technology Internship (507)

WASHTENAW COMMUNITY COLLEGE

Health Care Foundations

Certificate

<i>Semester 1</i>		
Course #	Course Title:	Credit Hours
HCFELEC1	Required Elective 1: BIO 101, BIO 102, 109, 111	5
HCFELEC2	Required Elective 2: COM 101 or COM 102	3
ENG 111	Composition I	4
HSC 101	Healthcare Terminology	1
HSC 131	CPR/AED for the Professional Rescuer and First Aid	1
Semester Total		14
<i>Semester 2</i>		
Course #	Course Title:	Credit Hours
HCFELEC3	Required Elective 3: MTH 160 or MTH 167 or MTH 169	4
HCFELEC4	Required Elective 4: HSC 100 or PTA 102 or PHT 106 or RAD 100 of 1-4 credits	4
PHL 244	Ethical and Legal Issues in Health Care	3
Computer Lit.	Elective	3
HCFELEC5	PSY 100 or SOC 100	3
Semester Total		17
Program Totals		31

* Please see the WCC website www.wccnet.edu/health for information about other health care programs.

Additional Program Opportunities:

Dental Assisting Certificate
 Medical Assisting Certificate
 Nursing Associate Degree
 Pharmacy Technology Certificate
 Physical Therapist Assistant Associate Degree
 Radiography Associate Degree
 Surgical Technology Associate Degree

Secondary / Post-Secondary Program Alignment

Digital Media

HIGH SCHOOL COURSE SEQUENCE

9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9 Algebra Science I (311) Career Prep & Expo (905) Basic Phys Ed (612) World History (410)	American Experience (056) Public Speaking Integrated Geometry Science II (313) U.S. History (422) Public Speaking	Literature & Society (060) Composition (023) U.S. Government (445) Business Service Technology I (522) Web Authoring (526)	English Elective Web Authoring II (527) Business Service Technology II (523)

WASHTENAW COMMUNITY COLLEGE

Web Design and Development – Web Design

Associate in Applied Science Degree

Semester 1		
Writing	Elective(s)	3
WEB 110	Web Development I	4
WEB 113	Web user Experience I	4
WEB 115	Introduction to Interface Design	4
Semester Total		15
Semester 2		
WEB 210	Web Development II	4
WEB 213	Web User Experience II	4
WEB 215	Intermediate Interface Design	4
Speech	Elective(s)*	3
Semester Total		15
Semester 3		
Arts/Human.	Elective(s)*	3
Soc. Sci.	Elective(s)	3
WEB 235	Advanced Interface Design	4
Elective	Any course from ANI, GDT, PHO, VID or WEB	3
Elective	WEB 233 or any GDT course	3-4
Semester Total		16-17
Semester 4		
Nat. Sci.	Elective(s)*	4
Math	Elective(s)*	4
Elective	Restricted Elective(s)*	3
WEB 255	Interaction Design	4
Semester Total		14-16
Program Totals		60-63

Other Concentration Available: Web Development

Secondary / Post-Secondary Program Alignment

Business Admin, Mgmt. & Operations

HIGH SCHOOL COURSE SEQUENCE

9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9 Algebra Science I (311) Career Prep & Expo (905) Basic Phys Ed (612) World History (410)	American Experience (056) Public Speaking Integrated Geometry Science II (313) U.S. History (422) Public Speaking	Literature & Society (060) Composition (023) U.S. Government (445) Marketing I (543)	Multicultural Literature Marketing II (551) Accounting I (524) Economics (444)

WASHTENAW COMMUNITY COLLEGE

Business

Associate in Arts Degree

<i>Semester 1</i>		
ENG 111	Composition I	4
Math	Select one of MTH 125, MTH 160, MTH 176 or MTH 181	4
ACC 111	Principles of Accounting I	3
BMG 140	Introduction to Business	3
CIS 110	Introduction to Computer Information Systems	3
Semester Total		17
<i>Semester 2</i>		
ENG 226	Composition II	3
ACC 122	Principles of Accounting II	3
BMG 207	Business Communication	3
Nat. Sci.	Elective(s)**	4
Semester Total		13
<i>Semester 3</i>		
COM 101	Fundamentals of Speaking	3
Soc. Sci.	Elective(s)	3
BMG 265	Business Statistics	3
ECO 211	Principles of Economics I	3
BMG 111	Business Law I	3
Semester Total		15
<i>Semester 4</i>		
Arts/Human.	Elective(s)***	3
Arts/Human.	Elective(s)***	3
ECO 222	Principles of Economics II	3
Nat. Sci.	Electives (s)	3-4
Elective	Complete one course as a free elective to bring the program total to a minimum of 60 credits. ****	3
Semester Total		15 - 16
Program Totals		60 - 61

Secondary / Post-Secondary Program Alignment

Radio and TV Broadcasting Technology

HIGH SCHOOL COURSE SEQUENCE

9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9 Algebra Science I (311) Career Prep & Expo (905) Basic Phys Ed (612) World History (410)	American Experience (056) Public Speaking Integrated Geometry Science II (313) U.S. History (422) Public Speaking	Literature & Society (060) Composition (023) U.S. Government (445)	English Elective VIDEO

WASHTENAW COMMUNITY COLLEGE

Digital Video Production

Associate in Applied Science Degree

<i>Semester 1</i>		
VID 105	Foundations of Digital Video I	4
ENG 111	Composition I	4
HUM 150	International Cinema	3
Computer Lit	Elective(s)*	3
Speech	Elective(s)*	3
Semester Total		17
<i>Semester 2</i>		
HUM 160	American Film	3
VID 125	Foundations in Digital Video II	4
VID 180 or 270	Television Studio I or Documentary Video Production	3-4
VID 255	Green Screen I	3
Math	Elective(s)	3-4
Semester Total		16-18
<i>Semester 3</i>		
ENG 226	Composition II	3
Soc. Sci.	Elective(s) 1	3
VID 276	Video Graphics I	3
VID 210	Screenplays	3
VID	Elective(s)	3
Semester Total		15
<i>Semester 4</i>		
Soc. Sci.	Elective(s) 2	3
VID 203	Web Video	3
Nat. Sci.	Elective(s)	4
VID 295	Professional Portfolio	3
Semester Total		13
Program Totals		61-63

Secondary / Post-Secondary Program Alignment

Welding

HIGH SCHOOL COURSE SEQUENCE

9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9 Algebra Science I (311) Career Prep & Expo (905) Basic Phys Ed (612) World History (410)	American Experience (056) Public Speaking Integrated Geometry Science II (313) U.S. History (422) Public Speaking	Literature & Society (060) Composition (023) U.S. Government (445) Business Service Technology I (522) Metal Processing & Welding/Techs (936)	English Elective Math Elective Metal Processing & Welding/Techs (936)

WASHTENAW COMMUNITY COLLEGE

Welding

Associate in Applied Science Degree

<i>Semester 1</i>		
NCT 120	Introduction to 2D CAD CAM Programming and Applications	2
WAF 106	Welding Print Reading	3
WAF 109	Welding Safety and OSHA Regulations	2
WAF 125	Introduction to Welding Processes I	2
WAF 126	Introduction to Welding Processes II	2
Elective	Math Elective	3
Semester Total		14
<i>Semester 2</i>		
WAF 130	Shielded Metal Arc Welding (SMAW)	4
WAF 131	Thermal Cutting, Gouging and Weld Repair	3
WAF 139	Basic Metal Fabrication	3
WAF 140	Inspection and Testing	3
Semester Total		13
<i>Semester 3</i>		
WAF 230	Advanced Shielded Metal Arc Welding (SMAW)	4
WAF 231	Gas Tungsten Arc Welding (GTAW)	4
WAF 232	Semi-Automatic Welding Processes	4
Elective(s)	Writing/Composition	3
Semester Total		15
<i>Semester 4</i>		
WAF 150	Automated Welding and Cutting	3
WAF 210	Welding Metallurgy	3
WAF 233	Submerged Arc and Flux Core Arc Welding	3
Elective(s)	Writing/Composition or Communication	3
Semester Total		12
<i>Semester 5</i>		
WAF 239	Advanced Metal Fabrication	3
Elective(s)	Arts and Humanities	3
Elective(s)	Natural Sciences	3
Elective(s)	Social and Behavioral Science	3
Semester Total		12
Program Totals		66

Conditions & Requirements

1. Students must meet admissions requirements of the college.
2. Students should successfully complete a preponderance of tasks at the employable level.
3. Students must receive recommendation from the high school instructor.
4. Students must apply for articulated credit within 24 months following high school graduation.
5. Students must successfully complete 1 credit hour at WCC. Students should also check the requirements of their programs to determine if specific courses are required or recommended.
6. Students shall meet requirements of the intended curriculum and program of study.

Special Conditions

1. This agreement is in effect for students who enter into their career and technical program beginning Fall of 2017 and earn credit at Washtenaw Community College by the end of Fall semester 2019. Exception: Students entering the Nursing Program must meet program requirements at the time of entry into the program.
2. All federal, state, and accreditation mandates supersedes this articulation agreement.

Effective Dates

Year 1:

Agreement start date:	September 1, 2017
H.S. Graduation during:	2018
Last date to post credit:	December 31, 2020

Year 2:

Agreement start date:	September 1, 2018
H.S. Graduation during:	2019
Last date to post credit:	December 31, 2021

Year 3:

Agreement start date:	September 1, 2019
H.S. Graduation during:	2020
Last date to post credit:	December 31, 2022


Documentation of secondary instruction delivery/segments is available for review at secondary institution.

Participating Instructors

Program	Instructors
Accounting/Finance (ACC)	Statewide Agreement
Auto Body Repair (ABR)	Statewide Agreement
Automotive Services (ASV)	Statewide Agreement
Business (BUS)	Statewide Agreement
Business Office Systems (BOS)	Sheila Cammarata, Saline High School Dawn Gidley, Saline High School Leslie Rollins, Manchester High School Joyce Jenkins, Washtenaw Community College
Child Care Professional (CCP)	Sally Adler, Washtenaw Community College
Computer Information Systems/Programming (CIS/CPS)	Statewide Agreement
Computer Systems Networking & Technology (CIS)	Statewide Agreement
Computer System Technology (CST)	Steve Sartori, Saline High School Phil Geyer, Washtenaw Community College
Construction	Statewide Agreement
Cosmetology	Statewide Agreement
Culinary Arts/Cooking	Statewide Agreement Derek Anders Jr., Washtenaw Community College
Digital Media Arts/Graphic Design	Statewide Agreement
Health Science	Statewide Agreement
Mechatronics	Statewide Agreement
Radio & TV Broadcasting Technology/Video	Statewide Agreement
Photography	Nathan Bush, Saline High School Pending Approval, Washtenaw Community College
Web Design and Development	Statewide Agreement
Welding	Paul McCullough, Saline High School Glenn Kay II, Washtenaw Community College

Signatures

South and West Washtenaw Consortium



Jody Gielinski, CTE Director 5/24/18
Date

Washtenaw Community College

Eva Samulski, Dean _____
Business & Computer Technologies Date

Valerie Greaves, Dean _____
Health Science Date

Brandon Tucker, Dean _____
Advanced Technologies and Public Service Careers Date

Kristin Good, Dean _____
Math, Science and Engineering Technology Date

Addendum 2018-2019

CSS 200 Introduction to Network Security – Security+ added to document 5/22/18 jlg
Welding Courses updated to reflect school specific agreement 7/10/18 jlg

CSS 205 Essentials of Penetration Testing added to document 9/29/17 jlg
Added PHO 111 and PHO 127 to document 8/5/19 jlg

10/24/19 – revised culinary courses for Ypsilanti High School to include CUL 104, CUL 110, CUL 114 and CUL 116. Program is taught using ProStart Curriculum. Per Derek Anders