

**Washtenaw Community College
&
Livingston Educational Services Agency
Livingston Applied Technology Education Consortium
2020 - 2021 School Year
2021 - 2022 School Year
2022 - 2023 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 2020-21 academic years. The articulation agreements will be continued for the 2021-2022 and 2022-2023 academic 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 who 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.

Articulated High School credit is intended to be used toward the completion of a Washtenaw Community College degree or certificate. An articulation agreement between a high school and WCC requires a high school to certify to WCC that the student has achieved the agreed upon level of knowledge and skills from a particular course. Once accepted by WCC, High School articulated credit may not transfer to other colleges or universities. WCC makes no guarantees whether other institutions accept credit hours or count articulated high school credit toward the completion of their degree requirements. Students should check with the college/university they are transferring to from WCC in order to see if the credits are eligible for transfer.

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 date 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

All Schools		Washtenaw Community College	
Course #	Title <i>CIP Code</i>	Course #	Title <i>CIP Code</i>
Finance 52.0800		Accounting 52.0302	
	Statewide Agreement	ACC 100	Accounting Practices for Business (3cr)
		ACC 131	Accounting Information Systems (3cr)
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)
Automobile Technician 47.0604		Auto Services 47.0604	
	Statewide Agreement	ASV 130	Automotive Maintenance (4cr)
		ASV 132	Automotive Engines (4cr)
Business Admin., Mgmt. & Operations 52.0299		Business 52.0000	
	Statewide Agreement	BMG 140	Introduction to Business (3cr)
Business Office Systems <i>Howell</i> 52.0299		Business Office Administration 52.0402	
570	Business Office Administration	BOS 101A	Introduction to Keyboarding (1cr)
570	Business Office Administration	BOS 101B	Intermediate Keyboarding (1cr)
570	Business Office Administration	BOS 101C	Advanced Keyboarding (1cr)
Business Office Systems <i>Pinckney</i> 52.0299		Business Office Administration 52.0402	
BUS 01523	Business Office Administration	BOS 101A	Introduction to Keyboarding (1cr)
BUS 01555	Business Office Administration	BOS 101B	Intermediate Keyboarding (1cr)
BUS 1553	Business Office Administration	BOS 101C	Advanced Keyboarding (1cr)
Computer Systems Technology <i>Pinckney</i> 11.0000		Computer Systems and Networking 11.000	
	Cisco Academy CCNA Course 1	CST 118	MS Command Line Fundamentals (2cr)
	Computer Hardware and Mobile Devices	CST 160	Computer Technology I (4cr)
	Computer Networking & Cyber Security - Semester 1	CNT 206	Internetworking I – Fundamentals (4cr)
	Computer Networking & Cyber Security - Semester 2	CNT 216	Internetworking II – Routers (4cr)
	Advanced Computer Networking & Cybersecurity (3rd semester)	CNT 226	Internetworking III – Switches (4cr)
	Advanced Computer Networking & Cybersecurity (4th semester)	*CNT 236	Internetworking IV – WANs (4cr)
* Effective Fall 2021 - CNT 236 is being discontinued			
Computer Sys. Networking and Technology 11.0901		Computer Systems and Networking 11.0901	
	Statewide Agreement	CIS 100	Introduction to Computers and Software Applications (3cr)
		CIS 110	Introduction to Computer Information Systems (3cr)
Computer Programming 11.0201		Information Systems 11.0103	
	Statewide Agreement	CIS 100	Introduction to Computers and Software Applications (3cr)
		CIS 110	Introduction to Computer Information Systems (3cr)

		CPS 171 or CPS 161 *	Introduction to Programming with C++ (4cr) or Introduction to Programming with Java (4cr)
* Students will be awarded credit for CPS 171. They may request credit for CPS 161 instead.			
Construction Technology 46.000		Construction Technology 46.0000	
	Statewide Agreement	CON 108	Introduction to Construction Technology (2cr)
		CON 104	Construction Framing I (3cr)
*This program is being discontinued at WCC, and the 2020-21 school year will be the last year credit is awarded for this program.			
Cosmetology 12.0400		Elective Credit	
	Cosmetology	TRI 300 ²	Elective Credit (20cr)
² Students must present their Michigan State Board of Cosmetology License to be awarded credit.			
Digital Multimedia 11.0801		Web Design and Development 11.0801	
	Statewide Agreement	WEB 110	Web Development I (4cr)
Graphic and Printing Technology 10.0301		Graphic Design 54.0409	
	Statewide Agreement	GDT 106	Illustrator Graphics (3cr)
		GDT 108	Photoshop Graphics (3cr)
Health/Therapeutic Services 51.0000		Health Science 51.1601	
	Statewide Agreement	HSC 100 ⁴ or HSC 165	Basic Nursing Assistant Skills (4cr) Or Foundations of Caregiving (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 C.N.A. Certificate in order to receive credit for HSC 100. Students must meet additional criteria to apply for admission to the Registered Nursing Program. Additional information is available on the WCC website at http://www4.wccnet.edu/departments/health/ . Students who complete the CNA program, but do not have proof/documentation of passing the CNA certification exam may be awarded credit for HSC 165 instead.			
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.			
Mechatronics Pinckney H.S 14.4201		Mechatronics 15.0405	
	Statewide Agreement	MEC 101	Blueprint Reading for Manufacturing (2cr)
	Statewide Agreement	ROB 101	Robotics I - I (2cr)
	Mechatronics	*MTT 102	Machining for Technologies (2cr)
	Mechatronics	**ROB 110	Robotics I – II (2cr)
*Effective Fall 2021 – MTT 102 is being discontinued. Students will only receive credit for MTT 102 if they graduated high school during the 2020-21 school year			
**Students interested in applying for articulated credit for ROB 110 will need instructor approval, please contact Sean Martin smartin7@wccnet.edu to determine if eligible for articulated credit			
Radio & TV Broadcasting Technology 10.0202		Digital Video Production 59.0602	
	Radio & TV Broadcasting	VID 105	Foundations in Digital Video I
Welding 48.0508		Welding 48.0508	
	Statewide Agreement	WAF 103	Introduction to Gas Tungsten Arc Welding (2cr)

Secondary / Post-Secondary Program Alignment

Accounting HIGH SCHOOL COURSE SEQUENCE

9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9 Speech Art or Music or Graphics Biology Algebra Non Western Civilization Law P.E. / Fitness	English 10 Physical or Earth Science Geometry Western Civilization P.E. Elective	Literature Chemistry Algebra 3, 4 U.S. History Computer Accounting I	English Elective Physics Math Analysis U.S. Government Computer Accounting II

WASHTENAW COMMUNITY COLLEGE

Accounting

Associate in Applied Science Degree

Semester 1		
CIS 110	Introduction to Computer Information Systems	3
BMG 140	Introduction to Business	3
ACC 111	Principles of Accounting I	3
BOS 184	Spreadsheet Software Applications I	3
Math	Select from MTH 125, 160, or 176	4
Semester Total		16
Semester 2		
TAX 101	Income Taxes for Individuals	3
ACC 122	Principles of Accounting II	3
ACC 131	QuickBooks Software	3
COM 101	Fundamentals of Speaking	3
BMG 111	Business Law I	3
ACC 110	Payroll Accounting	2
Semester Total		17
Semester 3		
Nat. Sci.	Elective(s)	3
Arts/Human.	Elective(s)	3
BMG 265	Business Statistics	3
ACC 213	Intermediate Accounting	3
ECO 211	Principles of Economics I	3
Semester Total		15
Semester 4		
ACC 214	Intermediate Accounting II	3
BMG 207	Business Communication	3
ACC 225	Managerial Cost Accounting	3
ECO 222	Principles of Economics II	3
ENG 111	Composition I	4
Semester Total		16
Program Totals		64

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

Transportation Technologies, Auto Body Concentration

Associate in Applied Science

Semester 1		
ABR 111	Introduction to Auto Body Repair	4
ABR 112	Introduction to Automotive Refinishing	4
ABR 114	Applied Auto Body Welding	2
Math	Elective	3
Writing/Comp.	Elective	3
Semester Total		16
Semester 2		
ABR 113	Estimating and Shop Operations	4
ABR 119	The Art of Metal Shaping	2
ABR 123	Technical Auto Body Repair	4
ABR 124	Technical Automotive Refinishing	4
Rest. Elect.	Select a minimum of 2 credits from ABR 116, ABR 130, ABR 231, MST 106, or MST 230	2
Semester Total		16
Semester 3		
ABR 140	Technical Automotive Refinishing	4
ABR 135 or ABR 130	Collision-Related Mechanical and Electrical Repairs or Automotive Maintenance	4
Rest. Elect	Select a minimum of 2 credits from ABR 116, ABR 130, ABR 231, MST 106, or MST 230	2
Writ. or Comm.	Writing/Composition or Communication	3
Arts/Hum	Elective	3
Semester Total		16
Semester 4		
ABR 201	Lightweighting Composite Repair	4
Rest. Elect	Select a minimum of 2 credits from ABR 116, ABR 130, ABR 231, MST 106, or MST 230	2
Nat. Science	Elective	3
Soc. Science	Elective	3
Semester Total		12
Program Totals		60

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

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

Transportation Technologies, Auto Service Concentration

Associate in Applied Science

Semester 1		
ASV 130	Automotive Maintenance	4
ASV 131*	Automotive Electrical	4
Math	Elective	3
Writing	Elective	3
ASV Elect	ABR 111, ABR 114, ASV 174, ASV 269, ASV 270, ASV 277, ASV 279, CST 185, MST 110, MTT 102 or WAF 105	2
Semester Total		16
Semester 2		
ASV 132	Automotive Engines	4
ASV 133	Automotive Fuel	4
ASV 134	Automotive Transmission	4
ASV 135	Facility Operations	3
ASV Elect	ABR or WAF 103	2
Semester Total		17
Semester 3		
ASV 254	Suspension and Steering	2
ASV 255	Brakes	2
ASV 256	Electrical and Electronic Systems	4
ASV 258	Engine Drivability	2
Writ. or Comm.	Writing/Composition or Communication	3
Arts/Hum	Elective	3
Semester Total		16
Semester 4		
Nat. Sci	Elective	3
Soc. Sci	Elective	3
ASV 251	Engine Diagnosis	2
ASV 257	Heating and Air Conditioning Systems	2
ASV 266	Advanced Transmissions	2
Semester Total		12
Program Totals		61

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

Secondary / Post-Secondary Program Alignment

Business

HIGH SCHOOL COURSE SEQUENCE

9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9 Speech Art or Music or Graphics Biology Algebra Non Western Civilization Law P.E. Fitness	English 10 Physical or Earth Science Geometry Western Civilization P.E. Elective	Literature Chemistry <i>or Elective</i> Algebra 3/4 <i>or Elective</i> U.S. History Computer Applications 1	English Elective Physics <i>or Elective</i> Math Analysis <i>or Elective</i> U.S. Government Business

WASHTENAW COMMUNITY COLLEGE

Business

Associate in Arts Degree

Semester 1		
ENG 111	Composition I	4
Math	Select one of MTH 125, MTH 160 or MTH 176	4
BMG 140	Introduction to Business	3
Nat. Sci.	Elective(s)**	3
Semester Total		14
Semester 2		
CIS 110	Introduction to Computer Information Systems	3
Writ. or Comm.	Writing/Composition or Communication	3
Arts/Human.	Elective(s)***	3
BMG 207	Business Communication	3
ACC 111	Principles of Accounting I	3
Semester Total		15
Semester 3		
ACC 122	Principles of Accounting II	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
Semester 4		
Arts/Human.	Elective(s)***	3
ECO 222	Principles of Economics II	3
Nat. Sci.	Elective(s) *****	3 - 4
Elective(s)	Elective(s) to reach a minimum of 60 credits. It is recommended students complete one or more of the following: BMG 181, BMG 230, BMG 250*****	6 - 7
Semester Total		16
Program Totals		60

Additional Program Opportunity: *Accounting Associate Degree*

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 Speech Art or Music or Graphics Algebra Biology Non Western Civilization Law P.E. Fitness	English 10 Physical or Earth Science Geometry Western Civilization P.E. Elective Computer Applications 1	Literature Chemistry <i>or Elective</i> Algebra 3/4 <i>or Elective</i> U.S. History Business Technology	English Elective Physics <i>or Elective</i> Math Analysis <i>or Elective</i> U.S. Government Business Applications

WASHTENAW COMMUNITY COLLEGE

Business Office Administration – Office Management Concentration

Associate in Applied Science Degree

Semester 1		
BOS 101C	Advanced Keyboarding	1
BOS 106	Electronic Planning, Sharing and Organization	3
BOS 206	Personal Mgmt. Application and Internet Resources	2
ENG 111	Composition I	4
Math	Elective	3
Semester Total		13
Semester 2		
Arts/Human.	Elective(s)	3
ACC 100	Accounting Practices for Business	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
BOS 257	Word Processing and Document Formatting II	3
ACC 110	Payroll Accounting	2
Speech/Comp.	Speech/Composition Elective(s)	3
Semester Total		13
Semester 4		
BMG 207	Business Communication	3
BOS 182	Database Software Applications	3
Nat. Sci.	Elective(s)	3
BMG 230	Principles of Management	3
Semester Total		12
Semester 5		
BMG 240	Human Resources Management	3
BMG 279	Organizational Management	3
BOS 250	Office Administration	4
Soc. Sci.	Elective(s)	3
Semester Total		13
Program Totals		64

Additional Program Concentrations are available. See the WCC website for additional options.

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

Semester 1		
CIS 120	Linux/UNIX I: Fundamentals	3
CNT 201	Administering Microsoft Windows Client Operating Systems	3
CNT 206	Introduction to Networks	4
Writing/ Composition	Elective(s)	3
Soc. Sci.	Elective(s)	3
Semester Total		16
Semester 2		
CPS 141	Introduction to Programming Using Python	4
CNT 216	Switching, Routing and Wireless Essentials	4
CSS 200	Introduction to Network Security – Security+	4
CSS 205	Essentials of Network Penetration Testing	4
Semester Total		15
Semester 3		
CNT 226	Enterprise Networking, Security, and Automation (ENSA)	4
CSS 210	Network Perimeter Protection – CCNA Security	4
CNT Elective	CNT 211 or CNT 223 or CNT 224	4
MTH 160	Basic Statistics	4
Semester Total		16
Semester 4		
Arts/Human.	Elective(s)	3
CNT 290	Network Forensics	4
CSS 225	Cybersecurity Operations – CCNA Cyber Ops	4
Natural Science	Elective(s)	3
Speech/Composition	Elective(s)	3
Semester Total		17
Program Totals		65

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

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)

WASHTENAW COMMUNITY COLLEGE

Computer Systems and Networking (APCSN) – Local and Wide Area Networking (NETW)

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 185	Local and Mobile Networking Essentials	4
Semester Total		14
Semester 2		
Writing/Speech	Composition/Communication Elective(s)	3
Math	Elective(s)	3
CIS 121	Linux/UNIX I: Fundamentals	4
CNT Rest. Elective	CNT 211, CNT 223 or CNT 224	4
CNT 201	Administering Microsoft Windows Client Operating Systems	3
Semester Total		17
Semester 3		
Natural Science	Elective(s)	3
Social Science	Elective(S)	3
BMG 205 or CST 270	Creating the Customer Experience or Computer Forensics I	3
CNT 206	Introduction to Networks	4
CNT 216	Switching, Routing and Wireless Essentials	4
Semester Total		17
Semester 4		
Writing/Composition	Elective(s)	3
Arts/Human.	Elective(s)	3
CNT 226	Enterprise Networking, Security, and Automation (ENSA)	4
CNT 290 or CSS 210	Network Forensics or Network Perimeter Protection – CCNA Security	4
Semester Total		14
Program Totals		62

Additional Program Concentrations Include: Linux Network Operating System (LNOS) and Microsoft Network Operating System (MNOS)

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

Secondary / Post-Secondary Program Alignment

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) Computer Programming	English Elective Visual Imaging Technology (924) Computer Programming

WASHTENAW COMMUNITY COLLEGE Information Systems: Programming in C++

Associate in Science

Semester 1		
Natural Science	Elective(s)	3
Writ. or Comm.	Writing/Composition or Communication	3
CPS 171	Introduction to Programming with C++	4
ENG 111	Composition I	4
Semester Total		14
Semester 2		
Arts/Human.	Elective(s)****	3
CIS 121	Linux/UNIX I: Fundamentals	4
CPS 271	Object Features of C++	4
Soc. Sci.	Elective(s)	3
Math	MTH 176 or higher 4 credit	4
Semester Total		18
Semester 3		
Nat. Sci. w/Lab	Elective(s)***	3
CPS 276	Web Programming Using Apache, MySQL and PHP	4
CPS 272	Data Structures with C++	4
Soc. Sci.	Elective(s)	3
Semester Total		14
Semester 4		
Arts/Human.	Elective(s)****	3
Res. Elective(s)	CIS/CPS electives	6
CPS 298	Professional Team Programming	4
General Ed.	Elective (0-1 credits) to reach a minimum of 30 Gen. Ed. credits	1
Semester Total		14
Program Totals		60

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

Secondary / Post-Secondary Program Alignment

Graphic & Printing Technology HIGH SCHOOL COURSE SEQUENCE

9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9 Algebra I World History/Geography Biology World Language Phys Ed/Health	English 10 Geometry U.S. History/Geography Physics or Chemistry World Language Visual/Performing/Applied Arts	English 11 Algebra II Civics/Economics Visual Imaging Technology I Elective Visual Imaging Technology II Elective	English 12 Math Credit Science Credit Visual Imaging Technology III Elective

WASHTENAW COMMUNITY COLLEGE

Graphic Design

Associate in Applied Science

Semester 1		
ENG 111	Composition I	4
GDT 101	History of Graphic Design	3
GDT 104	Introduction to Graphic Design	4
WEB 115	Interface Design I	4
Soc. Sci.	Elective(s)	3
Semester Total		18
Semester 2		
Math	Elective(s)	3
Restrict Elect	Elective(s); GDT 106 or GDT 108 may be applied	3
GDT 100	Typography I	4
GDT 112	Principles and Problem-Solving in Graphic Design	4
Semester Total		14
Semester 3		
GDT 220	Publication Design	4
GDT 215	Typography II	4
GDT 239	Imaging and Illustration	4
WEB 215	Interface Design II	4
Semester Total		16
Semester 4		
GDT 252	Advanced Digital Studio	4
GDT 290	Professional Practices	4
Nat. Sci.	Elective(s)	3
COM 101	Fundamentals of Speaking	3
Restrict Elect	Elective(s); GDT 106 or GDT 108 may be applied	3
Semester Total		17
Program Totals		65

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

Secondary / Post-Secondary Program Alignment

Radio & TV Broadcasting Technology

HIGH SCHOOL COURSE SEQUENCE

9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9 Algebra I World History/Geography Biology World Language Phys Ed/Health	English 10 Geometry U.S. History/Geography Physics or Chemistry World Language Visual/Performing/Applied Arts	English 11 Algebra II Civics/Economics Radio & TV Broadcasting	English 12 Math Credit Science Credit Radio & TV Broadcasting

WASHTENAW COMMUNITY COLLEGE

Digital Video Production

Associate in Arts

Semester 1		
Nat. Sci.	Elective(s)	3
ENG 111	Composition I	4
Restrict. Elective	FLM 120 or FLM 150 or FLM 185	3
VID 105	Foundations in Digital Video I	4
Semester Total		14
Semester 2		
FLM 160	American Film	3
VID 125	Foundations in Digital Video II	4
VID 270	Documentary Video Production I	3
Arts/Humanities	Elective(s) (not FLM)	3
Math	Elective(s)	3
Semester Total		16
Semester 3		
Writing/Comm.	Writing/Composition or Communication	3
VID 210	Screenplays	3
VID 276	Video Graphics I	3
VID	Elective(s)	3
Soc. Sci.	Elective(s)	3
Semester Total		15
Semester 4		
	<u> </u> Fall <u> </u> Winter <u> </u> Spring/Summer <u> x </u> Any	
VID 255 or 275	Green Screen I or Documentary Video Production II	3
Nat. Sci. w/Lab	Elective(s)	3
Soc. Sci.	Elective(s)	3
VID 203	Web Video	3
VID 295	Portfolio and Project Seminar	3
Semester Total		15
Program Totals		60

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

Secondary / Post-Secondary Program Alignment

HIGH SCHOOL COURSE SEQUENCE

9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9 Algebra I World History/Geography Biology World Language Phys Ed/Health	English 10 Geometry U.S. History/Geography Physics or Chemistry World Language Visual/Performing/Applied Arts	English 11 Algebra II Civics/Economics Web I Elective	English 12 Math Credit Science Credit Web II Elective

WASHTENAW COMMUNITY COLLEGE

Web Design and Development - Web Design Concentration Associate in Applied Science

Semester 1		
Writing/Comp.	Writing/Composition	3
WEB 110	Web Development I	4
Rest. Elective(s)	ANI, CIS, CPS, ENG 107, ENG 209, GDT, PHO, WEB	4
Elective(s)	Open elective(s) to reach a minimum of 60 credits	3-4
Arts/Human.	Elective(s)*	3
Semester Total		17-18
Semester 2		
WEB 210	Web Development II	4
Rest. Elective(s)	ANI, CIS, CPS, ENG 107, ENG 209, GDT, PHO, WEB	4
Math	Elective(s)*	3
Social Science	Elective(s)*	3
Semester Total		14
Semester 3		
Nat. Sci.	Elective(s)*	3
Rest. Elective(s)	ANI, CIS, CPS, ENG 107, ENG 209, GDT, PHO, WEB	4
WEB Elective(s)	Complete a course not in your chosen certificate	4
Rest. Electives	Any WEB, CIS or CPS course	3-4
Semester Total		14-15
Semester 4		
COM 101	Fundamentals of Speaking	3
Rest. Elective(s)	ANI, CIS, CPS, ENG 107, ENG 209, GDT, PHO, WEB	4
WEB Elective(s)	Complete a course not in your chosen certificate	4
Elective(s)	Open elective(s) to reach a minimum of 60 credits	4
Semester Total		15
Program Totals		60-62

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

Secondary / Post-Secondary Program Alignment

Health Science Technology

HIGH SCHOOL COURSE SEQUENCE

9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9 Speech Art or Music or Graphics Biology* Algebra * Non Western Civilization Law P.E. / Fitness	English 10 Physical or Earth Science Geometry Western Civilization P.E. Elective Computer Applications 1	Literature Chemistry* Algebra 3/4 or Elective U.S. History Health Sciences Technology Health Sciences Internship	English Elective Physics or Elective Math Analysis or Elective U.S. Government Health Sciences Technology Health Sciences Internship

WASHTENAW COMMUNITY COLLEGE Health Care Foundations

Certificate

* Please see the WCC website for program and detailed admissions requirements and course information.
www.wccnet.edu/health

Semester 1		
Course #	Course Title:	Credit Hours
HCFELEC1	Required Elective 1: BIO 101, BIO 102, 109, 111	4
HCFELEC2	Required Elective 2: COM 101, COM 102 or COM 200	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		13
Semester 2		
Course #	Course Title:	Credit Hours
HCFELEC3	Required Elective 3: MTH 125, MTH 160, MTH 169 or any Math Level 4 or higher course	4
HCFELEC4	Required Elective 4: HSC 100 or HSC 103 or HSC 165 or RAD 100	1 - 4
PHL 244	Ethical and Legal Issues in Health Care	3
HCFELEC5	PSY 100, PSY 206 or SOC 100	3
Semester Total		11
Program Totals		24

* Please see the WCC website for current program and detailed admissions requirements and course information.
www.wccnet.edu/health

Additional Program Opportunities: Dental Assisting Certificate, Health Program Preparations Associate in Science Degree, Medical Assisting Certificate, Medical Billing and Coding Certificate, Nursing Associate in Applied Science Degree, Physical Therapist Assistant Associate in Applied Science Degree, Radiography Associate in Applied Science Degree, Sterile Processing Certificate, Surgical Technology Associate in Applied Science Degree

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 I World History/Geography Biology World Language Phys Ed/Health	English 10 Geometry U.S. History/Geography Physics or Chemistry World Language Visual/Performing/Applied Arts	English 11 Algebra II Civics/Economics Mechatronics	English 12 Math Credit Science Credit Mechatronics

WASHTENAW COMMUNITY COLLEGE

Mechatronics – Robotics and Automated Systems (APMRAS)

Associate in Applied Science

Semester 1		
ROB 101	Robotics I - I	2
ROB 110**	Robotics I - II	2
ELE 111	Electrical Fundamentals	4
MEC 101	Blueprint Reading for Manufacturing	2
MEC 105	Pneumatics and Hydraulics in Fluid Power	4
Semester Total		14
Semester 2		
ELE 211	Basic Electronics	4
Elective	Math Elective(s)	3
NCT 100	Foundation Concepts for Manufacturing (CNC)	3
ROB 212	Robotics II	4
Semester Total		14
Semester 3 (summer)		
NCT 120	Intro. to 2D CAD CAM Programming and Applications	2
Elective	Writing Elective(s)	3
Elective	Natural Science Elective(s)	3
Semester Total		8
Semester 4		
ELE 224	Programmable Controllers (PLCs) I	4
ROB 221	Robotics III	4
Elective	Speech/Comp. Elective(s)	3
Elective	Social Science Elective(s)	3
Semester Total		14
Semester 5		
Elective	Art/Humanities Elective(s)	3
MEC 201	Mechanisms and Introduction to Mechatronics	2
MEC 224	Mechatronics Capstone	4
ELE 254	Programmable Controllers (PLCs) II	4
Semester Total		13
Program Totals	Program Totals	63

**Students interested in receiving articulated credit for ROB 110 should contact WCC Instructor, Sean Martin smartin7@wccnet.edu to determine if eligible for articulated credit.

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

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 I World History/Geography Biology World Language Phys Ed/Health	English 10 Geometry U.S. History/Geography Physics or Chemistry World Language Visual/Performing/Applied Arts	English 11 Algebra II Civics/Economics Welding	English 12 Math Credit Science Credit Welding

WASHTENAW COMMUNITY COLLEGE

Welding Technology

Associate in Applied Science

Semester 1		
Math	Elective(s)*	3
WAF 106	Blueprint Reading for Welders	3
NCT 120	Introduction to 2D CAD CAM Programming & Applications	2
WAF 109	Welding Safety and OSHA Regulations	2
WAF 125	Introduction to Welding Processes I	2
WAF 126	Introduction to Welding Processes II	2
Semester Total		14
Semester 2		
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
Semester 3		
WAF 230	Advanced Shielded Metal Arc Welding (SMAW)	4
WAF 231	Gas Tungsten Arc Welding (GTAW)	4
WAF 232	Semi-Automatic Welding Processes	4
Writing/Comp.	Writing/Composition	3
Semester Total		15
Semester 4		
WAF 150	Automated Welding and Cutting	3
WAF 210	Welding Metallurgy	3
WAF 233	Submerged Arc and Flux Core Arc Welding	3
Writ. or Comm.	Writing/Composition or Communication	3
Semester Total		12
Semester 5		
Nat. Sci.	Elective(s)	3
Arts/Human.	Elective(s)	3
Soc. Sci.	Elective(s)	3
WAF 239	Advanced Metal Fabrication	3
Semester Total		12
Program Totals		66

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

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 2020 and earn credit at Washtenaw Community College by the end of Fall semester 2022. Exception: Students entering the Nursing Program must meet program requirements at the time of entry into the program. Please see website for information: www.wccnet.edu/health
2. All federal, state, and accreditation mandates supersedes this articulation agreement.

Effective Dates

Year 1:

Agreement start date: September 1, 2020
H.S. Graduation during: 2021
Last date to post credit: December 31, 2023

Year 2:

Agreement start date: September 1, 2021
H.S. Graduation during: 2022
Last date to post credit: December 31, 2024

Year 3:

Agreement start date: September 1, 2022
H.S. Graduation during: 2023
Last date to post credit: December 31, 2025

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

Participating Instructors

Program	Instructors
Accounting/ Finance	Statewide Agreement
Automotive Services	Statewide Agreement
Collision Repair	Statewide Agreement
Business	Statewide Agreement Doug Waters, Washtenaw Community College
Computer Sys. Networking and Technology	Statewide Agreement Cyndi Millns, Washtenaw Community College
Computer Programming	Statewide Agreement
Construction	Statewide Agreement
Cosmetology	Statewide Agreement
Culinary Arts/Cooking	Statewide Agreement
Digital Media	Statewide Agreement
Graphic and Printing Technology	Statewide Agreement
Health Science	Statewide Agreement
Mechatronics	Statewide Agreement Tom Penird, Washtenaw Community College Allan Coleman, Washtenaw Community College
Radio & Broadcasting Technology	Statewide Agreement
Welding	Statewide Agreement

2021-2022 Addendum

Added note that MTT 102 Machining for the Technologies will be discontinued. Students will only receive credit if taken at Pinckney during the 2020-2021 school year per Allan Coleman – KGH 9/9/2021

Added in HSC 165 as an alternative course for students to earn articulated credit on pages 4 and 17. Students may receive credit for HSC 165 if they completed the CNA program, and do not have proof/documentation of passing the CNA certification exam. Students can only receive credit for HSC 165 if not receiving credit for HSC 100. – KGH 9/16/2021

2022-2023 Addendum

Removed ELE 224, FLP 226 (discontinued), ROB 212 on page 4 per Sean Martin, Allan Coleman, Rebecca Holman (LESA), Michelle Radcliffe (LESA), Heidi Danpullo (LESA). Added note students need to connect with Sean Martin to determine articulated credit and skill level (page 4 and 17) – KGH 7/25/23