

**Washtenaw Community College  
&  
Washtenaw Intermediate School District  
South & West Washtenaw Consortium  
2020 - 2021 School Year  
2021 - 2022 School Year  
2022 - 2023 School Year**

---

---

**Secondary/Post-Secondary Articulation Agreement**

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 year. 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, 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.

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 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
<b>Accounting/Finance</b>		52.0800	<b>Accounting</b> 52.0302	
	Statewide Agreement		ACC 100	Accounting Practices for Business (3cr)
			ACC 131	Accounting Information Systems (3cr)
<b>Automotive Technician</b>		47.0604	<b>Automotive Services</b> 47.0604	
	Statewide Agreement		ASV 130	Automotive Maintenance (4cr)
			ASV 132	Automotive Engines (4cr)
<b>Business Admin, Mgmt. &amp; Operations</b>		52.0299	<b>Business</b> 52.0201	
	Statewide Agreement		BMG 140	Introduction to Business (3cr)
<b>Business Office Systems</b>		52.0299	<b>Business Office Systems</b> 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)
<b>Careers in Education</b>		19.0000	<b>Child Care Development</b> 19.0709	
	Child Care Seminar Year 1		ECD 122 ECD 132	Essentials of Early Care and Education I (4 cr) Child Development Practicum I (1 cr)
	Child Care Seminar Year 2		ECD 123 ECD 133	Essentials of Early Care and Education II (4 cr) Child Development Practicum II (1 cr)
<b>Collision Repair Technician</b>		47.0603	<b>Auto Body Repair</b> 47.0603	
	Statewide Agreement		ABR 111	Introduction to Auto Body Repair (4cr)
			ABR 112	Introduction to Automotive Refinishing (4cr)
<b>Computer Programming</b>		11.0201	<b>Information Systems</b> 11.0103	
	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)
<b>Computer Systems Technology</b>		47.0101	<b>Computer Instruction</b> 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 185	Local and Mobile Networking Essentials (4 cr)
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)
<b>Construction Technology</b>		46.0000	<b>Construction Technology</b> 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.			
<b>Cosmetology</b>		12.0400	<b>Elective Credit</b>
909/910	Cosmetology	TRI 300 <sup>2</sup>	Elective Credit (20cr)
<sup>2</sup> 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.			
<b>Digital Media</b>		11.0801	<b>Web Design and Development</b> 11.0801
	Statewide Agreement	WEB 110	Web Development I (4cr)
<b>Drafting/Design Technology</b>			
	Computer-Aided Drafting (CAD)	MEC 101	Blueprint Reading for Manufacturing (2cr)
	Computer-Aided Drafting (CAD)	NCT 120	Introduction to 2D CAD CAM Programming and Applications (2cr)
<b>Graphic &amp; Printing Technology</b>		10.0301	<b>Digital Media Arts</b> 50.0409
	Statewide Agreement	GDT 106	Illustrator Graphics (3cr)
		GDT 108	Photoshop Graphics (3cr)
<b>Health/Therapeutic Services</b>		51.0000	<b>Health Care Foundations</b> 51.9999
	Statewide Agreement	HSC 100 <sup>4</sup> Or HSC 165	Basic Nursing Assistant Skills (4cr) Or Foundations of Caregiving (4cr)
		HSC 101	Healthcare Terminology (1cr)
		HSC 131 <sup>5</sup>	CPR/AED for the Professional Rescuer and First Aid (1cr)
<sup>4</sup> Students must bring in their CNA certificate in order to receive credit for HSC 100. Check admission requirements for your specific program.			
<sup>5</sup> 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.			
<b>Mechatronics</b>		14.4201	<b>Mechatronics</b> 15.0405
	Statewide Agreement	MEC 101	Blueprint Reading for Manufacturing (2cr)
		ROB 101	Robotics I – I (2cr)
<b>Machine Tool Technology/Machinist</b>		48.0501	<b>Industrial Technology</b> 15.0405
	Computer Integrated Manufacturing	NCT 100	Foundation Concepts for Manufacturing (CNC) (3 cr)
	Machine Tool Technology	*MTT 102	Machining for Technology (2cr)
<b>*Effective Fall 2021, MTT 102 has been discontinued. Students will only receive credit for MTT 102 if they graduated high school during the 2020-21 school year</b>			
<b>Radio &amp; TV Broadcasting Technology</b>		11.0202	<b>Digital Video Production</b> 50.0602
	Statewide Agreement	VID 105	Foundations in Digital Video I (4cr)
<b>Welding</b>		48.0508	<b>Welding and Fabrication</b> 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 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> 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

<b>Semester 1</b>		
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
<b>Semester 2</b>		
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
<b>Semester 3</b>		
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
<b>Semester 4</b>		
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

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 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> 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 – Robotics and Automated Systems

#### Associate in Applied Science

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

*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 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> 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**

<b>Semester 1</b>		
ASV 130	Automotive Maintenance	4
ASV 131*	Automotive Electrical	4
Math	Elective	3
Writing	Elective	3
ABR 114	Applied Auto Body Welding	2
Semester Total		16
<b>Semester 2</b>		
ASV 132	Automotive Engines	4
ASV 133	Automotive Fuel Systems	4
ASV 134	Automotive Transmission	4
ABR 140	Aluminum Welding for Automotive Applications	4
Rest. Elective	Choose from: ABR 111, ASV 135, ASV 174, ASV 257, ASV 266, ASV 274, ASV 277, ASV 279, CSS 200, CSS 205, CSS 285, CST 185, or MST 110	2
Semester Total		18
<b>Semester 3</b>		
ASV 254	Suspension and Steering	2
ASV 251	Engine Diagnosis and Repair	2
ASV 256	Electrical and Electronic Systems	4
Writ. or Comm.	Writing/Composition or Communication	3
Arts/Hum	Arts/Humanities Elective(s)	3
Semester Total		14
<b>Semester 4</b>		
Nat. Sci	Elective	3
Soc. Sci	Elective	3
ASV 258	Engine Drivability	2
ASV 255	Brakes	2
ASV 266	Advanced Transmissions	2
Rest. Elective	Choose from: ABR 111, ASV 135, ASV 174, ASV 257, ASV 266, ASV 274, ASV 277, ASV 279, CSS 200, CSS 205, CSS 285, CST 185, or MST 110	2
Semester Total		14
<b>Program Totals</b>		<b>62</b>

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

Secondary / Post-Secondary Program Alignment

**Automotive Services  
HIGH SCHOOL COURSE SEQUENCE**

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
English 9 Algebra Science Social Studies Health/ Physical Ed Foreign Language  <b>Choice of Electives:</b> Visual/Performing/Applied Arts	English 10 Math Science Social Studies Foreign Language  <b>Choice of Electives:</b>	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

<b>Semester 1</b>		
ABR 111	Introduction to Auto Body Repair	4
ABR 112	Introduction to Automotive Refinishing	4
ABR 114	Applied Auto Body Welding	2
ABR 119	The Art of Metal Shaping	2
Writing/Comp.	Elective	3
Semester Total		15
<b>Semester 2</b>		
ABR 123	Technical Auto Body Repair	4
ABR 124	Technical Automotive Refinishing	4
ABR 140	Aluminum Welding for Automotive Applications	4
Speech/Comp.	Speech/Composition Elective(s)	3
Math	Math Elective(s)	3
Semester Total		18
<b>Semester 3</b>		
ASV 130	Automotive Maintenance	4
Rest. Elective(s)	Choose from: ABR 116, ABR 130, ABR 209, ABR 231, ASV 131, MST 106, MST 230	4
Social Science	Social Science Elective(s)	3
Arts/Hum	Elective	3
Semester Total		14
<b>Semester 4</b>		
ABR 113	Estimating and Shop Operations	4
ABR 201	Lightweighting Composite Repair	4
Rest. Elect	Choose from: ABR 116, ABR 130, ABR 209, ABR 231, ASV 131, MST 106, or MST 230	4
Nat. Science	Elective	3
Semester Total		15
Program Totals		62

*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 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> 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

<b>Semester 1</b>		
BOS 101C	Advanced Keyboarding	1
BOS 106	Electronic Planning, Sharing and Organization	3
BOS 206	Personal Management Application and Internet Resources	2
ENG 111	Composition I	4
Math	Elective(s)	3
Semester Total		13
<b>Semester 2</b>		
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
<b>Semester 3</b>		
BMG 155	Business on the Internet	3
BOS 207	Presentation Software Applications	2
Speech/Composition	Elective(s)	3
BOS 257	Word Processing and Document Formatting II	3
BOS 182 or BOS 284	Database Software Applications or Spreadsheet Software Applications II	3
Semester Total		14
<b>Semester 4</b>		
BMG 207	Business Communication	3
BOS 208	Desktop Publishing for the Office	3
Nat. Sci.	Elective(s)	3
Semester Total		9
<b>Semester 5</b>		
ACC 131	QuickBooks Software	3
BOS 230	Electronic Forms Design	3
BOS 250	Office Administration	4
Soc. Sci.	Elective(s)	3
Semester Total		13
<b>Program Totals</b>		<b>61</b>

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 Development

### HIGH SCHOOL COURSE SEQUENCE

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> 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 Development

#### Associate in Applied Science Degree

<b>Semester 1</b>		
ECD 122	Child Development Credentialing I	4
ECD 132	Child Development Practicum I	1
ECD 101	Child Development	3
ENG 111	Composition I	4
Nat. Sci.	Elective(s)	3
Semester Total		15
<b>Semester 2</b>		
ECD 123	Child Development Credentialing II	4
ECD 133	Child Development Practicum II	1
COM Rest. Elective	COM 101, COM 102, or COM 200	3
Soc. Sci.	Elective(s)	3
ECD 210	Curriculum for Young Children	3
Semester Total		14
<b>Semester 3</b>		
ECD 180	Working with Families in a Diverse Society	3
ECD 220	Development and Care of Infants and Toddlers	3
Math	MTH 148 <b>or</b> any MTA MTH class	4
ECD 200	Child Guidance and Classroom Management	3
ECD 230	Child Observation and Assessment	3
Semester Total		16
<b>Semester 4</b>		
ECD 240	Education of the Young Child with Exceptionalities	3
ECD 280	The Developing Professional in Early Childhood Education	2
ECD 281	Practicum for the Developing ECE Professional	1
ECD 205 or ECD 225	Administration of Child Care Programs or Infant-Toddler: Critical Competencies for Working w/ Young Children	3
Elective	Select any course to reach a minim of 60 credits	3
ENG 240 or 242	Children's Literature or Diverse Children's Literature	3
Semester Total		15
Program Totals		60

\*Students are encouraged to select PSY 100 or SOC 100 for their Social Science Elective.

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 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> 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 (APCSN) – Local and Wide Area Networking (NETW)

#### Associate in Applied Science Degree

<b>Semester 1</b>		
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
<b>Semester 2</b>		
Writing/Speech	Composition/Communication Elective(s)	3
Math	Elective(s)	3
CIS 120	Linus/UNIX I: Fundamentals	3
CNT Rest. Elective	CNT 211, CNT 223 or CNT 224	4
CNT 201	Administering Microsoft Windows Client Operating Systems	3
Semester Total		16
<b>Semester 3</b>		
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
<b>Semester 4</b>		
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 Concentration Includes:** Microsoft Network Operating System (MNOS)

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

## Computer Sys. Networking & Technology

### HIGH SCHOOL COURSE SEQUENCE

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> 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

<b>Semester 1</b>		
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
<b>Semester 2</b>		
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
<b>Semester 3</b>		
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
<b>Semester 4</b>		
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

### Construction Technology

#### HIGH SCHOOL COURSE SEQUENCE

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> 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

<b>Semester 1</b>		
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
<b>Semester 2</b>		
Writ. or Comm.	Writing/Composition or Communication	3
CMG 130	Construction Site Safety and OSHA Regulations	3
PLS 112	Introduction to American Government	3
CON 105	Construction Framing II	3
Nat. Sci.	Elective(s) (not PHY)	3
Semester Total		15
<b>Semester 3</b>		
Gen. Ed. Elective	Gen. ed. Elective to reach a min. 30 general ed. credits	1
Arts/Human.	Elective(s)	3
PHY 105	Conceptual Physics	4
CON 204	Construction Finishes - Interior	3
CON 205	Construction Finishes - Exterior	3
Semester Total		14
<b>Semester 4</b>		
Elective(s)	Elective(s) to reach a minimum 60 credits	4
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		16
Program Totals		60

\*This program is being discontinued at WCC, and the 2020-21 school year will be the last year credit can be applied toward this program. After the 2020-21 school year, credit can be applied towards another program, such as Occupational Studies.

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

## Secondary / Post-Secondary Program Alignment

### Cosmetology

#### HIGH SCHOOL COURSE SEQUENCE

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> 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

<b>Semester 1</b>		
BMG 230	Principles of Management	3
Math	Elective(s)	3
BUS ELE 1	Restricted ACC, BMG, CIS, BOS, and/or WEB elective	3
<b>OCC ELE 1</b>	<b>Occupational/Technical Course 1</b>	<b>3</b>
Writing	Elective(s)	3
Semester Total		15
<b>Semester 2</b>		
Speech/Comp	Elective(s) 2	3
Nat. Sci.	Elective(s)	3
BMG 273	Managing Operations	3
<b>OCC ELE 2</b>	<b>Occupational/Technical Course 2</b>	<b>3</b>
BUS ELE 2	Restricted ACC, BMG, CIS, BOS, and/or WEB elective	3
Semester Total		15
<b>Semester 3</b>		
<b>OCC ELE 3</b>	<b>Occupational/Technical Course 3</b>	<b>3</b>
<b>OCC ELE 4</b>	<b>Occupational/Technical Course 4</b>	<b>3</b>
BUS ELE 3	Restricted ACC, BMG, CIS, BOS, and/or WEB elective	3
Art/Humanities	Elective(s)	3
BMG 279	Organizational Management	3
Semester Total		15
<b>Semester 4</b>		
BMG 291	Project Management	3
<b>OCC ELE 5</b>	<b>Occupational/Technical Course 5</b>	<b>3</b>
Soc. Sci.	Elective(s)	3
BUS ELE 4	Restricted ACC, BMG, CIS, BOS, and/or WEB elective	3
Elective(s)	Open elective(s) to reach a minimum of 60 credits	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

### Digital Media Arts/Visual Arts Technology

#### HIGH SCHOOL COURSE SEQUENCE

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> 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

<b>Semester 1</b>		
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
<b>Semester 2</b>		
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
<b>Semester 3</b>		
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
<b>Semester 4</b>		
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

### Health Science

#### HIGH SCHOOL COURSE SEQUENCE

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> 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

\* Please see the WCC website for other programs and detailed admissions requirements. [www.wccnet.edu/health](http://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](http://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

### Digital Media

#### HIGH SCHOOL COURSE SEQUENCE

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> 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 – Client-side Web Developer Cert.

#### Associate in Applied Science

<b>Semester 1</b>		
Writing/Comp.	Writing/Composition	3
<b>WEB 110</b>	<b>Web Development I</b>	<b>4</b>
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
<b>Semester 2</b>		
Rest. Elective(s)	Certificate Course	3-4
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
<b>Semester 3</b>		
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	Certificate course	3-4
Semester Total		14
<b>Semester 4</b>		
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
<b>Program Totals</b>		<b>60</b>

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

## Secondary / Post-Secondary Program Alignment

### Business Admin, Mgmt. & Operations

#### HIGH SCHOOL COURSE SEQUENCE

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> 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 Administration

##### Associate in Arts Degree

<b>Semester 1</b>		
ENG 111	Composition I	4
Math	Select one of MTH 125, MTH 160 or MTH 176	4
<b>BMG 140</b>	<b>Introduction to Business</b>	<b>3</b>
Nat. Sci.	Elective(s)**	3
Semester Total		14
<b>Semester 2</b>		
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
<b>Semester 3</b>		
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
<b>Semester 4</b>		
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

### Radio and TV Broadcasting Technology

#### HIGH SCHOOL COURSE SEQUENCE

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> 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

<b>Semester 1</b>		
VID 105	Foundations of Digital Video I	4
ENG 111	Composition I	4
Rest. Elective	FLM 120, FLM 150, or FLM 185	3
PHO 111	Photography I	4
Semester Total		15
<b>Semester 2</b>		
FLM 160	American Film	3
VID 125	Foundations in Digital Video II	4
VID 270	Documentary Video Production I	3
Math	Elective(s)	3
Semester Total		16
<b>Semester 3</b>		
Speech/Comp	Speech/Comp elective(s)	3
Soc. Sci.	Elective(s) 1	3
VID 276	Video Graphics I	3
Rest. Elective	VID 210 or VID 240	3
Natural Science	Elective(s)	3
Semester Total		15
<b>Semester 4</b>		
Soc. Sci.	Elective(s) 2	3
VID 203	Commercial Video Production	3
Nat. Sci.	Elective(s)	3
VID 295	Professional Portfolio	3
Semester Total		15
<b>Program Totals</b>		<b>61</b>

*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 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> 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

<b>Semester 1</b>		
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
<b>Semester 2</b>		
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
<b>Semester 3</b>		
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
<b>Semester 4</b>		
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
<b>Semester 5</b>		
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.
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

<b>Program</b>	<b>Instructors</b>
Accounting/Finance (ACC)	Statewide Agreement
Auto Body Repair (ABR)	Statewide Agreement
Automotive Services (ASV)	Statewide Agreement
Business (BUS)	Statewide Agreement Doug Waters, Washtenaw Community College
Child Development	Beth Marshall, Washtenaw Community College
Computer Information Systems/Programming (CIS/CPS)	Statewide Agreement
Computer Systems Networking & Technology (CIS)	Statewide Agreement
Computer System Technology (CST)	Statewide Agreement Cyndi Millns, Washtenaw Community College
Construction	Statewide Agreement
Cosmetology	Statewide Agreement
Digital Media Arts/Graphic Design	Statewide Agreement
Health Science	Statewide Agreement
Mechatronics	Statewide Agreement
Radio & TV Broadcasting Technology/Video	Statewide Agreement
Web Design and Development	Statewide Agreement
Welding	Statewide Agreement Bradley Clink, Washtenaw Community College Alex Pazkowski, Washtenaw Community College

## **2021-2022 Addendum**

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 10/18/2021

Added in CCP 122, 123, CCP 132, CCP 133 – approved by Beth Marshall (WCC) & Sheila Cammarata (SWWC) – KGH 12/9/2021

Added in note regarding MTT 102 being discontinued effective Fall 2021 per Allan Coleman. Only students who graduate high school during the 2020-21 school year will be eligible to earn articulated credit – KGH 12/9/2021

Removed Photography courses listed on page 4 (included in error) – KGH -12/9/21

Replaced Child Development CCP course codes with new ECD course codes. Updated Child Development Program requirements – KGH 5/20/2022

Removed WAF 109 due to curriculum changes – approved by Alex Pazkowski & Paul McCullough (SWWC) – KGH 5/20/2022

Added NCT 120 and NCT 100 – approved by Allan Coleman & Steve Vasiloff (SWWC) – KGH 8/8/2022