MID-STATE TECHNICAL COLLEGE

UNIVERSITY OF WISCONSIN **WHITEWATER**

Mid-State Technical College	**University of Wisconsin-Whitewater**
Associate of Applied Science	**Bachelor of Science or Arts-Computer Science**
Information Technology	Applied Computing Emphasis

This articulation agreement establishes a cooperative relationship between the University of Wisconsin-Whitewater (UW-W) and Mid-State Technical College (MSTC) effective for students starting the Bachelor of Science (B.S.) or Bachelor of Arts (B.A.), Computer Science-Applied Computing Emphasis, in or after the fall 2022 term, which will assist both schools to better serve the educational needs of transfer students.

This Agreement and any amendments and supplements, shall be interpreted pursuant to the guidelines set forth in the University of Wisconsin System Administrative Policy 140, Guidelines for Articulation Agreements between UW System Institutions and WTCS Districts as well as Administrative Policy 135 Undergraduate Transfer Policy. Both institutions agree to maintain accreditation by the Higher Learning Commission and any other accreditation currently in existence pertaining to degree programs articulated via the transfer agreement.

1. **Purpose of Articulation Agreement**

This program-to-program articulation agreement between UW-W and MSTC allows students to be awarded up to 60-64 credits toward the Computer Science-Applied Computing Emphasis major if they meet the following criteria:

Students transferring under the guidelines of this articulation agreement must:

1.1. successfully complete the Associate of Applied Science-Information Technology degree program in one of the following areas: Software Developer, Computer Support Specialist, Network Specialist, or Security Specialist

1.2. earn a cumulative GPA of a 2.0 (on a 4.0 scale), including coursework from other institutions (if appropriate), and according to UW-W repeat policy https://www.uww.edu/registrar/policies#repeats

1.3. have applied to and are successfully admitted into UW-W (*all UW-W application deadlines apply*) beginning fall 2022 and any subsequent terms

1.3.1. declare a major of Computer Science-Applied Computing Emphasis

students will need to indicate Computer Science-Applied Computing Emphasis intent in the personal statement section of the UW-W E-Application

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2. **Program Articulation Table**

PROGRAM ARTICULATION TABLE

	Mid-State Technical College	**University of Wisconsin-Whitewater**
Program name	Information Technology	Computer Science-Applied Computing Emphasis
Award Type (e.g., AAS)	Applied Associate Degree	Bachelor of Science or Bachelor of Arts
Credit Length	60-64	120 Minimum Credits
Describe program admission requirements (if any)		2.0 Minimum Cumulative GPA

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SECTION A - General Education								
Mid-State Technical College				**University of Wisconsin-Whitewater**				
Course Prefix & Number	Course Name	GE Area	Credits	Course Prefix & Number	Course Name	GE Area	Credits Applied	Equiv Sub Wav
	General Education							
801-136	English Composition I		3	ENGLISH 101	Introduction to College Writing and Reading		3	
801-198	Speech		3	COMM 110	Introduction to Public Speaking		3	
809-198 or 809-188	Intro to Psychology or Developmental Psychology		3	PSYCH 211 or PSYCH 9999S	Introductory Psychology or Psychology Elective	GS	3	
804-189	Introductory Statistics		3	STAT 101	Elementary Statistics		3	
809-172	Introduction to Diversity Studies		3	RACEETH 9999ED	Raceeth Elective	GE/Diversity	3	
801-197	Technical Reporting		3	ENGLISH 999	English Elective		3	
804-118	Intermediate Algebra with Applications		4	MATH 141	Fundamentals of College Algebra		4	
809-103	Think Critically & Creatively		3	PHILSPHY 9999H	Philosophy Elective	GH	3	
809-166	Intro to Ethics: Theory & Application		3	PHILSPHY 261	Introduction to Ethics	GH	3	
804-195	*College Algebra with Applications		4	MATH 142	College Algebra		4	
804-198	*Calculus I		4	MATH 250	Applied Calculus		4	

Special Notes: *Course not part of A.A.S. Information Technology but are encouraged prior to transfer

Special Notes, if any:

1. General Education courses listed are part of Mid-State Technical College A.A.S. Information Technology.
2. Additional General Education coursework required by UW-W is determined upon admission and based on all transferrable work from all institutions attended. View general education requirements here: http://uww-public.courseleaf.com/undergraduate/general-information/general-education/#electivestext

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SECTION B.1 – IT-Software Developer						
MSTC: IT - Software Developer			**UW-W Computer Science-Applied Computing Emphasis**			
10152121 AND 10152101	Object-Oriented Programming 1 **and** Intro to Programming	3 3	COMPSCI 172 COMPSCI 999	Introduction to Java Compsci Elective	3 3	
10152122 AND 10152123	Object-Oriented Programming 2 **and** Object-Oriented Programming 3	3 3	COMPSCI 220 COMPSCI 999	Intermediate Java Compsci Elective	3 3	
10152155	Web Programming 1	3	COMPSCI 382	Server-side Scripting	3	
10152158	Web Programming 2	3	COMPSCI 381	JavaScript and DHTML	3	
10156101 AND 10156102	Database Concepts and Design **and** SQL Development	3 3	MISC 999ST COMPSCI 999	Special Transfer Course Compsci Elective	3 3	
	Degree Completion	18	Major - Applied Technical Skills Requirement		18	
	Degree Completion	2-3	Electives Towards Graduation		2-3	
Major, Emphasis, Unrestricted Electives Total		44-45	**Section B Subtotal**		44-45	
General Studies Requirements for IT-Software Developer (Section A)		19	**Section A Subtotal**		19	
			Total Technical College Credits Applied		63-64	

Special Notes, if any: Degree completion credits earned will be applied in a block equivalency. Grades will appear as "S" for satisfactory on the evaluation of transfer credits.

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SECTION B.2 -- IT-Computer Support Specialist					
MSTC: IT- Computer Support Specialist			**UW-W Computer Science-Applied Computing Emphasis**		
10151105 **AND** 10150165	Linux **and** Network Server Scripting	3 3	COMPSCI 481 COMPSCI 999	Web Server and Unix Administration Compsci Elective	3 3
10151110	Information Security 1	3	CYBER 101	Introduction to Cybersecurity	3
10150121	Server Administration-Intermediate	3	MISC 999ST	Special Transfer Course	3
	Degree Completion	18	Major - Applied Technical Skills Requirement		18
	Degree Completion	12	Electives Towards Graduation		12
Major, Emphasis, Unrestricted Electives Total		42		**Section B Subtotal**	42
General Studies Requirements for IT-Computer Support Specialist (Section A)		18		**Section A Subtotal**	18
				Total Technical College Credits Applied	60

Special Notes, if any: Degree completion credits earned will be applied in a block equivalency. Grades will appear as "S" for satisfactory on the evaluation of transfer credits.

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SECTION B.3 – IT-Network Specialist					
MSTC: IT - Network Specialist			**UW-W Computer Science-Applied Computing Emphasis**		
10151105 **AND** 10150165	Linux **and** Network Server Scripting	3 3	COMPSCI 481 COMPSCI 999	Web Server and Unix Administration Compsci Elective	3 3
10150121	Server Administration-Intermediate	3	MISC 999 ST	Special Transfer Course	3
10151110	Information Security 1	3	CYBER 101	Introduction to Cybersecurity	3
10150111	Networking II	3	COMPSCI 999	Compsci Elective	3
	Degree Completion	18	Major - Applied Technical Skills Requirement		18
	Degree Completion	12	Electives Towards Graduation		12
Major, Emphasis, Unrestricted Electives Total		45	**Section B Subtotal**		45
General Studies Requirements for IT-Network Specialist (Section A)		18	**Section A Subtotal**		18
			Total Technical College Credits Applied		63

Special Notes, if any: Degree completion credits earned will be applied in a block equivalency. Grades will appear as "S" for satisfactory on the evaluation of transfer credits.

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SECTION B.4 – IT-Security Specialist					
MSTC: IT-Security Specialist			**UW-W Computer Science-Applied Computing Emphasis**		
10151105 **AND** 10150165	Linux **and** Network Server Scripting	3 3	COMPSCI 481 COMPSCI 999	Web Server and Unix Administration Compsci Elective	3 3
10151110	Information Security 1	3	CYBER 101	Introduction to Cybersecurity	3
10151111 **AND** 10151112	Information Security 2 Information Security 3	3 3	COMPSCI 354 COMPSCI 999	Intrusion Detection and Incident Response Compsci Elective	3 3
10150111	Networking II	3	MISC999ST	Special Transfer Course	3
10150121	Server Administration-Intermediate	3	MISC999ST	Special Transfer Course	3
	Degree Completion	18	Major - Applied Technical Skills Requirement		18
	Degree Completion	5-6	Electives Towards Graduation		5-6
Major, Emphasis, Unrestricted Electives Total		44-45	**Section B Subtotal**		44-45
General Studies Requirements for IT- Software Developer (Section A)		16	**Section A Subtotal**		16
			Total Technical College Credits Applied		60-61

Special Notes, if any: Degree completion credits earned will be applied in a block equivalency. Grades will appear as "S" for satisfactory on the evaluation of transfer credits.

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SECTION C.1 – Remaining Computer Science - Applied Computing Emphasis Major Courses at UW-W					
MSTC: IT - Software Developer					
MSTC Equivalent (if applicable)	MSTC Course Name	Credit Amount	UW-W Course Number	UW-W Course Name	Credit Amount
Unique Requirements 11 credits (11 remaining credits needed):					
			COMPSI 215 or MATH 280	Discrete Structures or Discrete Mathematics	3
			MATH 250 or MATH 253	Applied Calculus Survey for Business and Social Sciences or Calculus and Analytic Geometry	5
			ENGLISH 370 or PWP 371 or PWP 372	Technical Writing	3
Major Requirements 54 credits (21 remaining credits needed):					
			COMPSCI 223	Data Structures	3
			COMPSCI 271	Computer Organization and Assembly Programming	3
			ITSCM 332 or COMPSCI 460	Network Administration / Computer Networking	3
			COMPSCI 433	Theory of Algorithms	3
			COMPSCI 476	Software Engineering	3
			Remaining elective credits in the major		6
Special Notes, if any:					

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SECTION C.2 – Remaining Computer Science - Applied Computing Emphasis Major Courses at UW-W					
MSTC: IT-Computer Support Specialist					
MSTC Equivalent (if applicable)	MSTC Course Name	Credit Amount	UW-W Course Number	UW-W Course Name	Credit Amount
Unique Requirements 11 credits (11 remaining credits needed):					
			COMPSI 215 or MATH 280	Discrete Structures or Discrete Mathematics	3
			MATH 250 or MATH 253	Applied Calculus Survey for Business and Social Sciences or Calculus and Analytic Geometry I	5
			ENGLISH 370 or PWP 371 or PWP 372	Technical Writing	3
Major Requirements 54 credits (33 remaining credits needed):					
			COMPSCI 172 or COMPSCI 174	Introduction to Java Or Introduction to C++	3
			COMPSCI 220 or COMPSCI 221 or COMPSCI 222	Intermediate Java or Intermediate Programming in C# Intermediate C++	3
			COMPSCI 223	Data Structures	3
			COMPSCI 271	Computer Organization and Assembly Programming	3
			COMPSCI 366 or ITSCM 314	Database Management Systems Database Design and Administration	3
			ITSCM 332 or COMPSCI 460	Network Administration / Computer Networking	3
			COMPSCI 433	Theory of Algorithms	3
			COMPSCI 476	Software Engineering	3
			Remaining elective credits in the major		9
Special Notes, if any:					

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SECTION C.3 – Remaining Computer Science - Applied Computing Emphasis Major Courses at UW-W					
MSTC: IT-Network Specialist					
MSTC Equivalent (if applicable)	MSTC Course Name	Credit Amount	UW-W Course Number	UW-W Course Name	Credit Amount
Unique Requirements 11 credits (11 remaining credits needed):					
			COMPSI 215 or MATH 280	Discrete Structures or Discrete Mathematics	3
			MATH 250 or MATH 253	Applied Calculus Survey for Business and Social Sciences or Calculus and Analytic Geometry	5
			ENGLISH 370 or PWP 371 or PWP 372	Technical Writing	3
Major Requirements 54 credits (30 remaining credits needed):					
			COMPSCI 172 or COMPSCI 174	Introduction to Java Or Introduction to C++	3
			COMPSCI 220 or COMPSCI 221 or COMPSCI 222	Intermediate Java or Intermediate Programming in C# Intermediate C++	3
			COMPSCI 223	Data Structures	3
			COMPSCI 271	Computer Organization and Assembly Programming	3
			COMPSCI 366 or ITSCM 314	Database Management Systems Database Design and Administration	3
			COMPSCI 433	Theory of Algorithms	3
			COMPSCI 476	Software Engineering	3
			Remaining elective credits in the major		9
Special Notes, if any:					

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SECTION C.4 – Remaining Computer Science - Applied Computing Emphasis Major Courses at UW-W					
MSTC: IT-Security Specialist					
MSTC Equivalent (if applicable)	MSTC Course Name	Credit Amount	UW-W Course Number	UW-W Course Name	Credit Amount
Unique Requirements 11 credits (11 remaining credits needed):					
			COMPSI 215 or MATH 280	Discrete Structures or Discrete Mathematics	3
			MATH 250 or MATH 253	Applied Calculus Survey for Business and Social Sciences or Calculus and Analytic Geometry	5
			ENGLISH 370 or PWP 371 or PWP 372	Technical Writing	3
Major Requirements 54 credits (27 remaining credits needed):					
			COMPSCI 172 or COMPSCI 174	Introduction to Java Or Introduction to C++	3
			COMPSCI 220 or COMPSCI 221 or COMPSCI 222	Intermediate Java or Intermediate Programming in C# Intermediate C++	3
			COMPSCI 223	Data Structures	3
			COMPSCI 271	Computer Organization and Assembly Programming	3
			COMPSCI 366 or ITSCM 314	Database Management Systems Database Design and Administration	3
			COMPSCI 433	Theory of Algorithms	3
			COMPSCI 476	Software Engineering	3
			Remaining elective credits in the major		6
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3. University/General Education Requirements

3.1 The UW-W baccalaureate candidate must meet UW-W's general education and graduation requirements: http://uww-public.courseleaf.com/undergraduate/general-information/general-education/#requirementstext

3.2 The UW-W baccalaureate candidate must meet the B.A. or B.S. requirements for the College of Letters and Sciences: http://uww-public.courseleaf.com/undergraduate/letters-sciences/#degreerequirementstext

3.3 Elective courses taken or substituted at the sending institution and sending program not listed in this agreement will be reviewed on a case-by-case basis and determined how they may apply to the degree at the receiving institution.

   3.3.1 Entering students may apply general education credits toward satisfying UW-W general education requirements as specified in Transferology: https://www.transferology.com/school/uww

3.4 Regardless of major, a minimum of 25% of the major course units and 25% of the minor course units must be completed at UW-W.

3.5 A minimum of 30 units of UW-W coursework is required to qualify for an undergraduate degree. At least 15 of these 30 units must be taken at UW-W immediately prior to graduation

3.6 The maximum number of credits that can be transferred from all two-year transfer institutions to UW-W is 72.

4. Additional Conditions

4.1 Program-to-program transfer courses/credits are accepted only for the major and minor specified in this agreement. A change of major or minor invalidates these courses/credits for transfer unless they are approved within some other program-to-program articulation agreement for a different major/minor at UW-W.

4.2 Course equivalencies specified in this articulation agreement are subject to change in the event that the course curricula of relevant programs at Mid-State Technical College or at UW-Whitewater undergo revision.

4.3 For students admitted from Mid-State Technical College with a completed degree, 1.1.a above, the degree must be posted on an official transcript to receive credits from the agreement.

4.5 Review and renewal of this agreement will be made at appropriate intervals.

4.6 UW-W and MSTC agree to assist each other in appropriately promoting this agreement in their respective marketing materials, events, websites, and reports.

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SIGNATURE BLOCKS

Mid-State Technical College	Name	Signature	Date
President	Dr. Shelly Mondeik	*Shelly Mondeik*	3/21/22
Dean	Dr. Missy Skurzewski-Servant		3/21/22
Vice President, Academics	Dr. Deb Stencil		3.21.2022
University of Wisconsin-Whitewater	**Name**	**Signature**	**Date**
Dean	Dr. Frank Goza		3/14/22
Provost	Dr. John Chenoweth	*John D. Chenoweth*	03/18/2022

Agreement contact Person:
University of Wisconsin-Whitewater: Lindsey Radloff, radloffl@uww.edu

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