Transfer Agreement
Between
University of Wisconsin-Stevens Point, Department of Computing and New Media Technologies
And
Northcentral Technical College Associate Degree Program in IT – Software Developer
Program to Program Articulation Agreement

Rationale:

The main purpose of this agreement is to provide a smooth transfer of credit from a relevant Northcentral Technical College (NTC) two-year Associate Degree in IT – Software Developer to a four-year Bachelor of Science in Computer Information Systems major, Application Development and Support option program at University of Wisconsin-Stevens Point (UWSP).

The NTC two-year curriculum, in providing students with solid foundational technical skills and project experiences in software development, corresponds appropriately with UW-Stevens Point foundational curriculum in computer information systems.

The following equivalent credits will be awarded to NTC students upon entry to the UWSP College of Letters and Science, Computer Information Systems (major), Application Development and Support option.

Terms of the Agreement:

> **Effective date of the agreement**: January 1, 2024

> **Date the agreement will be reviewed/updated:** January 1, 2029

1. The acceptance of credits applies only to this Program-to-Program articulation.
2. For acceptance of equivalent courses, NTC courses must have been completed within the last 5 years. Beyond this period, course equivalents will be assessed on an individual basis.
3. **This agreement is subject to review if either NTC or UWSP undergoes curriculum revision OR within five years of the origination of this agreement, whichever occurs earlier.**

Table 1: Articulated IT Software Developer / CIS - Application Development Course and Credit Transfer Equivalency

General Education Courses

NTC			UWSP		
Course No.	**Course Title**	**Credits**	**Course No.**	**Course Title/Field**	**Credits**
10-801-196	Oral/Interpersonal Communications	3	COMM 180	Fdns Workplace Communication (GEP: CT)	3
10-801-195	Written Communication OR	3	ENGL 101	Academic Reading and Writing (GEP: WC)	3
10-801-136	English Composition 1				
10-804-189	Introductory Statistics	3	MATH 255	Elementary Statistical Methods (GEP: QL)	3
10-809-166	Intro to Ethics: Theory & App	3	PHIL 101	Intro to Ethics in Society (GEP: HU)	3
10-809-199	Psychology of Human Relations OR	3	SS 1XX	SS 100-Level Elective (GEP: SS)	3
10-809-198	Intro to Psychology		PSYC 110	Introduction to Psychology (GEP: SS)	
10-804-133	Math & Logic	3	N/A	No degree credit	0
10-890-165	College 101	1	ELEC 1XX	ELEC 100-level Elective	1
	Total general education credits earned:	**19**		**Total general education credits accepted:**	**16**

Occupational Courses

Course No.	Course Title	Credits	Course No.	Course Title	Credits
10-152-551	Web Design 1A	1	CNMT 210	Web Design and Development I	4
10-152-552	Web Design 1B	1			
10-152-553	Web Design 1C	1			
10-152-223	User Experience Design	1			
10-152-223	User Experience Design	2	CNMT 2XXT	Elective	2
10-152-531	Data Concepts A	1	CIS 210	Database Design and Implementation	4
10-152-532	Data Concepts B	1			
10-152-533	Data Concepts C	1			
10-152-534	Database Design and SQL A	1			
10-152-535	Database Design and SQL B	1	CIS 2XXT	Elective	2
10-152-536	Database Design and SQL C	1			
10-152-500	IT Dev. and Design Fundamentals	1	CNMT 1XXT	Elective	1
10-152-501	Programming Concepts A	1	CNMT 101	Introduction to Computing and Programming	3
10-152-502	Programming Concepts B	1			
10-152-503	Programming Concepts C	1			
10-152-391	Collaborative Application Development	3	CNMT 310	Production Programming	4
10-152-392	Software Architecture	1			
10-152-392	Software Architecture	2	CIS 220	Systems Analysis and Design	4
10-152-508	Object - Oriented Design B	1			
10-152-509	Object - Oriented Design C	1			
10-152-504	Object - Oriented Programming A	1	CNMT 110	Object-Oriented Programming	4
10-152-505	Object - Oriented Programming B	1			
10-152-506	Object - Oriented Programming C	1			
10-152-507	Object - Oriented Design A	1			
10-152-561	Client-Side Web Development 1 A	1	WD 211	Web Design and Development II	4
10-152-562	Client-Side Web Development 1 B	1			
10-152-563	Client-Side Web Development 1 C	1			
10-152-564	Client-Side Web Development 2 A	1			
10-152-570 10-152-571 10-152-572 OR 10-152-303	Advanced Data Management A Advanced Data Management B Advanced Data Management C OR Mobile Programming	1 1 1 OR 3	CIS 2XXT	Elective	3
10-152-565	Client-Side Web Development 2 B	1	WD 2XXT	Elective	2
10-152-566	Client-Side Web Development 2 C	1			
10-152-393	App. Dev. Capstone Project	3	CNMT 3XXT	Elective	3
10-152-510	Advanced .Net Programming A	1	CIS 340	Advanced Techniques in Application Development	3
10-152-511	Advanced .Net Programming B	1			
10-152-512	Advanced .Net Programming C	1			
10-152-567	Open-Source Web Development A	3	CIS 2XXT	Elective	3
10-152-568	Open-Source Web Development B				
10-152-569	Open-Source Web Development C				

Total occupational course credits earned:		**46**		**Total occupational course credits accepted:**	**46**
Total credits required for graduation:		**65**			
Total transferable credits:		**62**		**Total credits accepted at UWSP:**	**62**

Table 2: Required courses to complete Bachelor of Science degree in Computer Information Systems – Application Development and Support Option

Course No.	Course Title	Credits
Courses in the major:		
CNMT 410	Professional IT Communication	4
CNMT 479	Applied Development Project Preparation	1
CNMT 480	Applied Development Project	3
CIS 120	Data Structures and Algorithms	4
CIS 225	Data Communication and Networks	4
CIS 341	Interactive Web Programming	4
MATH 209	Mathematics for Information Sciences	4
Complete two of:		
CIS 303	Cybersecurity and Society	6-8
CIS 311	Application Security	
CIS 342	Rich Internet Applications	
CIS 345	Alternate Programming Language	
CIS 346	Contemporary Topics in Computing	
CIS 444	Advanced Database	
Total for major: *		30-32 **
GEP courses:		
ENGL 202	Academic Writing and Research	3
WLN	GEP: Wellness	1
GEP	GEP: ART and NSC and HP	9
GEP	Human Cultures and the Sciences	9
GEP	Social and Environmental Responsibility	0-9
Total UWSP credits: **		**52-63**
Total NTC and UWSP credits: ***		**114-125**

Notes

* Additional 2-4 credits at the 300/400-level are required in addition to CIS major courses to satisfy university graduation requirement.

** At least half of the credits in the major (31 out of 61) must be earned at UWSP.

*** Exact number of credits depends on course selection.

**** 120 credits required for graduation.