

INFORMATION TECHNOLOGY ARTICULATION AGREEMENT

BETWEEN

NORTH DAKOTA STATE UNIVERSITY

AND

NORTH DAKOTA STATE COLLEGE OF SCIENCE

I. Parties

This Articulation Agreement (the “Agreement”) is entered into by and between North Dakota State University (herein after referred to as NDSU) and North Dakota State College of Science (herein after referred to as NDSCS), each individually a “Party” and collectively the “Parties”. The Parties wish to collaborate in order to facilitate the transfer and degree completion of students earning the Information Systems Administrator A.A.S. at NDSCS to the Information Technology BS at NDSU.

II. Purpose

The purpose of this Information Technology (IT) Articulation is to provide a pathway for students completing an Information Systems Administrator A.A.S. at NDSCS to continue their study and complete a BS in Information Technology at NDSU, which would mutually benefit both institutions. According to the U.S. Bureau of Labor Statistics (BLS), the computer and information technology field is expected to increase much faster than the average growth for all occupations between 2022 and 2032 and thus there is a higher demand for the Information Technology BS degree. The Parties enter into this Agreement in the spirit of cooperation and mutually expect the following outcomes from this partnership:

- A. Increased Enrollment
- B. Greater access for specific student populations

III. Admission

It is agreed that those students who receive the Information Systems Administrator A.A.S. at NDSCS and meet all of the criteria listed below shall be accepted without further review at NDSU into the Information Science major. However, final admission to NDSU is contingent on submission of the student’s application.

IV. Transfer Credit

- A. NDSU shall accept 60 semester credits from NDSCS if a student has completed the Information Systems Administrator A.A.S. degree (Appendix A). If students do not earn the degree, this articulation agreement does not apply.
- B. A grade of C or better is required for each course.
- C. Upon completion Information Systems Administrator A.A.S. at NDSCS, students shall meet all lower division general education requirements upon transfer at NDSU as outlined in the North Dakota University System General Education Requirements Transfer Agreement.

- D. University-Wide Degree Requirements (<https://catalog.ndsu.edu/academic-policies/undergraduate-policies/degree-and-graduation/>):
 - a) Resident Credit Requirement: Resident credits are earned from undergraduate courses that a student has registered and paid for at NDSU. Students must satisfactorily complete a minimum of 30 credits from courses offered at NDSU or via Tri-College registration as an NDSU student.
 - b) Upper Level Credit Requirements: Students must present a minimum of 36 credits in courses taken at the 300-400 level for degree completion. These credits may or may not be earned at NDSU.
 - c) Transfer Credits: Students presenting transfer credit must meet the NDSU residence credits as defined in a) and the minimum upper level credit defined in b). Of the 30 credits earned in residence, a minimum of 15 semester credits must be in courses numbered 300 or above, and 15 semester credits must be in the student's curricula for their declared major.
- C. NDSCS grades shall be recorded on the NDSU academic record but not computed in the institutional cumulative GPA at NDSU.
- D. Please see the attached Transfer Guide (Appendix A).

V. Collaboration and Coordination

- A. During the period of this IT Articulation Agreement, NDSU shall:
 - i. Provide the students from NDSCS with the path to be successful in completing the BS degree.
- B. During the period of this IT Articulation Agreement, NDSCS shall:
 - i. Advertise and communicate this degree option to current students at NDSCS.

VI. Term, Termination and Other Provisions

- A. The IT Articulation Agreement is made effective on the date that both parties have fully executed the agreement. The term of this agreement shall be for 3 years.
- B. The Parties agree to review this Agreement and the Program once during this period at a time mutually convenient for the Parties but aiming for during the year prior to the end of this agreement's term.
- C. Notification of revisions to NDSU current and anticipated course offerings shall also be sent to NDSCS during the above review period.
- D. Either party may send written notice of terminating the IT Articulation Agreement a minimum of 60 days prior to the effective date of the termination.
- E. If this IT Articulation Agreement is terminated by either party, such termination shall not affect the status of students already in the pipeline shall continue to receive the benefits of the agreement, based on agreement provisions.
- F. A Letter of Review shall be sent between 30 and 60 days prior to contract expiration to ensure both parties can continue to fulfill the terms of this agreement or if contract revisions may be required.

VII. Notices

All notices concerning this memorandum of agreement and understanding shall be in writing and shall be considered to have been given at the time of receipt of notice by the other Party.

1. Notices to NDSCS:

Gary Abbott
Dean, College of Liberal Arts & Educational Innovations
North Dakota State College of Science

2. Notices to NDSU:

Simone Ludwig
Professor and Chair, Department of Computer Science
College of Engineering
North Dakota State University

VIII. Independence of Parties

The Parties are independent contractors. Nothing contained in this Agreement shall constitute either Party the agent, partner, or legal representative of the other Party for any purpose or constitute the Parties as partners. Neither Party has any right, power, or authority to create any obligation or responsibility on behalf of the other.

Authorized Signatures

North Dakota State College of Science

DocuSigned by:
Bonnie Schillinger 02/27/2025
478E02A5B9DE403...

Bonnie Schillinger [Date]

Program Coordinator, Computer Science
Department

Signed by:
Gary Abbott 02/27/2025
72039A03BD654FB...

Gary Abbott [Date]

Dean, College of Liberal Arts &
Educational Innovations

Signed by:
Lisa Karch 02/27/2025
C6DAE963B5AB451...

Lisa Karch [Date]

Executive Vice President, Academic
Affairs

North Dakota State University

DocuSigned by:
Simone Ludwig 02/27/2025
547BC04175724DF...

Simone Ludwig [Date]

Chair, Department of Computer
Science, College of Engineering

Signed by:
Alan Kallmeyer 02/27/2025
88F9AF8510824D0...

Alan Kallmeyer [Date]

Interim Dean, College of Engineering

DocuSigned by:
David Bertolini 02/27/2025
A80F2A1E02A4467...

David Bertolini [Date]

Provost



Appendix A: Degree Plan

NDSCS (sending)			NDSU (receiving)			
Course	Name	Credit	Course	Name	Credit	Equiv/ Sub/ Wav
ICT 101	Science of Success: Introduction to Information Technology	1				N/A
MATH 105	Trigonometry	3	MATH 105	Trigonometry	3	Equiv
ENGL 110 or	College Comp I	3	ENGL 110 or	College Comp I	3	Equiv
ENGL 120	College Comp II		ENGL 120	College Comp II		Equiv
	Social and Behavior, Humanities and History	2		Gen Ed A, or B	2	Equiv
Wellness	Wellness Course	2		Gen Ed Wellness	2	Equiv
PHIL 215	Contemporary Moral Issues	3		Gen Ed A/D	3	
CIS 180	HTML & CSS	3	CSCI 159	Computer Science Problem Solving	3	Equiv
CIS 142	Cybersecurity Operations	3	CSCI 105	Introduction to Cybersecurity	3	Equiv
CIS 129	IT Essentials	3	CSCI 177	Introduction to Information Technology	3	Equiv
				Sequence 1 or		
			CSCI 227	Computing Fundamentals in Python I	3	
			CSCI 228	Computing Fundamentals in Python II	3	
			CSCI 229	Computing Fundamentals in Python III	3	
				Sequence 2		
CSCI 160	Computer Science I	4	CSCI 160	Computer Science I	4	Equiv
			CSCI 161	Computer Science II	4	
CIS 220	Operating Systems (UNIX)	3	CSCI 277	Introduction to UNIX	3	Equiv
CIS 267	Intermediate Networking I	4	CSCI 359	Networking	3	Equiv

	This set of courses will only transfer in for the NDSU courses if the student completes the degree from NDSCS.					
CIS 128	IT Essentials I	3	CSCI 213	Modern Software Development	3	Sub
CIS 164	Networking Fundamentals I	3	CSCI 222	Discrete Mathematics	3	Sub
CIS 165	Networking Fundamentals II	3	CSCI 377	System Administration	3	Sub
CSCI 130	Introduction to Artificial Intelligence	2	CSCI 397	Cooperative Education	3	Sub
CIS 197	Internship	1		or any 300 or 400-level IT or CS elective		
CIS 212	MS Windows Operating System Client	4				
CIS 215	Impl. a MS Windows Server Environment	4				
CIS 216	Impl. a MS Windows Network Infrastr.	4				

CIS 268	Infrastructure Automation (DEVNET ASC)	4				
CIS 279	Security Awareness and Policy	3				
			CSCI 312 or	Survey of Programming Languages	3	
			CSCI 372	Comparative Prog. Lang.		
			CSCI 313	Software Development with Frameworks	3	
			CSCI 371	Web Scripting Languages	3	
			CSCI 305	Principles of Cybersecurity	3	
			CSCI 366	Database Systems	3	
			CSCI 374	Computer Organization	3	
			CSCI 450	Cloud Computing	3	
			CSCI 474	Operating Systems	3	
			CSCI 489	Social Implications of Computers	3	
			CSCI 445	Software Projects Capstone	3	
			STAT 330	Introduction to Statistics	3	
				Technical Electives	6 cr	
			CSCI 476	Cloud Systems Administration	3	
			CSCI 410	Computer Crime and Forensics	3	
			CSCI 422	Data Engineering	3	
			CSCI 473	Foundations of the Digital Enterprise	3	
			CSCI 488	Human-Computer Interaction	3	
	Total	64		Total	43	
				NDSU Gen Eds	16-19	
				ENGL 120	3	
				ENGL 32X	3	
				Gen Ed ST	6	
				Gen Ed A	3	
				Gen Ed B	4	
				Total	59-62	
	NDSCS (Sending)			NDSU (Receiving)		
	General Education	17				
	Major, Emphasis, Electives	47		Total Applied	64	
	General Education	17		Remaining NDSU	59-62	
				Total Program Credits	123-126	

Certificate Of Completion

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 Simone Ludwig
 1301 12th Ave. North
 Fargo, ND 58105
 simone.ludwig@ndsu.edu
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 simone.ludwig@ndsu.edu
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Alan Kallmeyer
 alan.kallmeyer@ndsu.edu
 Dean
 North Dakota State University
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Signature

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Bonnie Schillinger
 bonnie.schillinger@ndscs.edu
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David Bertolini
 david.bertolini@ndsu.edu
 Provost
 North Dakota State University
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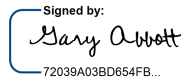
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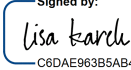
Gary Abbott
 gary.abbott@ndscs.edu
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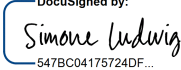
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