

DELAWARE TECHNICAL AND COMMUNITY COLLEGE

and

UNIVERSITY OF DELAWARE

PROGRAM ARTICULATION AGREEMENT

Associate Degree

A.A.S. Computing and Information Science

Bachelor of Science Degree

Information Systems

2021 through 2026

Associate-Bachelor Program Articulation Agreement

between

**Delaware Technical and Community College
and
University of Delaware**

for

**A.A.S. Computing and Information Science
and
B.S. Information Systems**

AGREEMENT

WHEREAS Delaware Technical and Community College (DTCC) and University of Delaware (UD) are committed to expanding educational opportunities for the citizens of the State of Delaware, and

WHEREAS the two institutions are committed to providing a smooth transition for students wishing to earn an Associate degree and a Bachelor degree, and

WHEREAS the intent of the two institutions is to avoid duplication of curricula where appropriate within articulated programs of studies, and

WHEREAS the two institutions better serve the educational growth of students and the economic development of the community through cooperative educational planning and optimal utilization of community resources,

BE IT HEREWITH RESOLVED that this agreement commits the partners to full support of an articulation process between similar academic programs offered by the two institutions.

PROVISIONS OF THE AGREEMENT

1. The institutions agree to follow the connected degree curricula delineated in this document for the transfer of DTCC's Associate in Applied Science degree program in Computing and Information Science and UD's Bachelor of Science in Information Systems.
2. Both educational institutions will cooperate toward developing, disseminating, and presenting the articulated program information to students.
3. Graduates of the DTCC program who have completed the Associate degree with a cumulative grade point average of 3.2 or higher, a grade point average of 3.2 or higher in the CSC and CIS courses combined, and a B or better in all MAT courses will be automatically accepted into the Bachelor's degree program at UD. Those with a cumulative grade point average equal to or greater than 2.8 and less than 3.2 will be considered for admission on a space available basis. Students will be considered for admission based on the completed work at the time of review. DTCC will provide confirmation of degree completion upon student's final semester of coursework. Students who do not complete the degree program as outlined in the agreement may have admission based on the articulation agreement criteria rescinded; however, they still may be considered for regular transfer admission based on the totality of their academic record. UD reserves the right to recalculate the DTCC cumulative grade point average to account for DTCC's grade forgiveness policy when making admission decisions.
4. Students must complete the courses in the specified Associate degree program herein with a grade of C or better to receive the credits for transfer. Students are expected to complete all courses outlined in the DTCC portion of the agreement at DTCC. Students who have attended a college or university other than DTCC and transferred credits to DTCC in pursuit of the Associate degree may not be admissible via the provisions of this articulation agreement. In such cases, students will be considered based on their entire academic history but will not be guaranteed admission to the Bachelor degree program or the course equivalencies detailed within the provisions of this agreement. Coursework taken at an institution other than DTCC may not transfer to UD as noted in the agreement. It is expected that students will complete all coursework in the UD portion of the agreement at UD. Students who previously attended UD are not eligible for admission via an articulation agreement; instead, they should apply for readmission consideration if wishing to re-enroll at UD.
5. Students intending to transfer should complete the UD admissions application following the third semester of their Associate degree program. Students should note on their application that they are applying as part of an articulation agreement/connected degree.

6. Students are subject to all the policies and procedures of both institutions.
7. Students are subject to all specific policies pertaining to students admitted to the Bachelor of Science in Information Systems degree program.
8. This articulation agreement is based on the present curricula contained in this document and it is effective for a period of five years from the date of signing by both parties.
9. At any time, both institutions may initiate changes to this articulation agreement. Both institutions reserve the right to modify the programs as deemed necessary and agree to inform the appropriate individuals of said changes. Departments will review agreements and notify the appropriate individuals at each institution of any changes by July 1 of each year the agreement is in effect. The University of Delaware will make a good faith effort to honor this articulation agreement for any DTCC student who enrolls in the Computing and Information Science Associate degree program during the five-year period specified for this agreement and graduates with the required Associate degree within eight (8) years of the signing of this agreement by both parties. A student who meets these conditions must apply to the University of Delaware and be accepted in order to receive the benefits of this agreement.

CONNECTED DEGREE ANALYSIS

Matching Worksheet/Suggested Course Sequence/Bachelor Completion

ASSOCIATE DEGREE PROGRAM		BACHELOR'S DEGREE COURSE MATCH OR POTENTIAL COURSE MATCH		BACHELOR'S DEGREE COMPLETION	
A.A.S. COMPUTING AND INFORMATION SCIENCE DELAWARE TECHNICAL & COMMUNITY COLLEGE				B.S. INFORMATION SYSTEMS UNIVERSITY OF DELAWARE	
Course No./Name Term 1 (fall)	CR	Course No./Name	CR	Course No./Name Term 6 (fall)	CR
CSC 114 Computer Science I	4	CISC 108 Intro to Computer Science I CISC 166DE Department Elective	3 1	ACCT 207 Accounting I	3
HIS 112 U.S. History Post-Civil War	3	HIST 106 U.S. History Since 1865 (History & Cultural Change Breadth Course)	3	CISC 355 Computers, Ethics and Society	3
ENG 101 Composition I	3	ENGL 166DE Department Elective (ENG 101 + ENG 102 = ENGL 110 Exemption)	3	COMM 212 Public Speaking & Professional Presentation	3
XXX XXX Social Science Elective Choose 1 from: POL 111 Political Science or ECO 111 Macroeconomics or PSY 121 General Psychology or SOC 111 Sociology I	3	Social & Behavioral Sciences Breadth Course POSC 150 Intro to American Politics or ECON 103 Intro to Macroeconomics or PSYC 100 General Psychology or SOC 201 Intro to Sociology	3	MATH 205 Statistical Methods	4
SSC 100 First Year Seminar	1	UNIV 166T Transfer Elective	1	XXXX XXX Creative Arts & Humanities Breadth Course*	3
MAT 180 College Algebra or MAT 183 Reasoning with Functions I	4 or 5	MATH 166DE Department Elective or MATH 166DE Department Elective	4 or 5		
	18/19		18/19		16
Term 2 (spring)				Term 7 (spring)	
CSC 164 Computer Science II	4	CISC 181 Intro to Computer Science II CISC 166DE Department Elective	3 1	ACCT 208 Accounting II	3
CSC 210 Systems Programming	3	CISC 210 Introduction to Systems Programming	3	BUAD 306 Intro to Service and Operations Mgt	3
ENG 102 Composition II	3	ENGL 166DE Department Elective (ENG 101 + ENG 102 = ENGL 110 Exemption)	3	CISC 437 Database Systems	3
HIS 111 U.S. History Pre-Civil War	3	HIST 105 U.S. History to 1865	3	PHYS 208 Fundamentals of Physics II or PHYS 202 Introductory Physics II	4
MAT 190 Pre-Calculus	4	MATH 117 Pre-calculus for Scientists and Engineers	4	CISC 250 Business Telecommunications Networks	3
	17		17		16
Sub-Total	35/36		35/36		32

ASSOCIATE DEGREE PROGRAM		BACHELOR'S DEGREE COURSE MATCH OR POTENTIAL COURSE MATCH		BACHELOR'S DEGREE COMPLETION	
A.S. COMPUTING AND INFORMATION SCIENCE DELAWARE TECHNICAL & COMMUNITY COLLEGE				B. S. INFORMATION SYSTEMS UNIVERSITY OF DELAWARE	
Course No./Name Term 3 (summer)	CR	Course No./Name	CR	Course No./Name Term 8 (fall)	CR
MAT 281 Calculus I	4	MATH 241 Analytic Geometry and Calculus A	4		
	4		4		
Course No./Name Term 4 (fall)	CR	Course No./Name	CR	Course No./Name Term 8 (fall)	CR
CIS 130 Computer Organization	3	CISC 260 Machine Organization & Assembly Language (IS Elective Course 1)	3	BUAD 309 Organizational Behavior	3
MAT 282 Calculus II (Choose as a Support Elective)	4	MATH 242 Analytic Geometry and Calculus B	4	CISC 475 Advanced Software Engineering (DLE/Capstone)	3
ECO 122 Microeconomics	3	ECON 101 Intro to Microeconomics (General Elective #1)	3	BUAD 301 Introduction to Marketing or FINC 311 Principles of Finance	3
CIS 211 Data Structures	4	CISC 220 Data Structures CISC 266DE Department Elective	3 1	MISY 430 Systems Analysis and Implementation	3
	14		14	XXXX XXX General Elective Course #2	3
Term 5 (spring)				Term 9 (spring)	
ENG 122 Technical Writing and Communication	3	ENGL 410 Technical Writing	3	XXXX XXX IS Elective Course 2^	3
CSC 214 Computer Science III	4	CISC 275 Introduction to Software Engineering CISC 266DE Department Elective	3 1	MISY 431 MIS Project Management	3
PHY 281 Physics I with Calculus or PHY 205 General Physics I	4	PHYS 207 Fundamentals of Physics I or PHYS 201 Introductory Physics I	4	MISY 432 MIS Projects	3
MAT 263 Principles of Discrete Math	4	MATH 210 Discrete Math I MATH 266DE Department Elective	3 1	XXXX XXX General Elective Course #3	4
	15		15		13
TOTAL	68/69		68/69		60
				* This course must fulfill the Multicultural Requirement. ^ Advisor approved IS Elective course • Minimum grade of C- required for all University and College Breadth Requirements.	



CONNECTED DEGREE CURRICULUM

Suggested Course Sequence

ASSOCIATE DEGREE A.A.S. COMPUTING AND INFORMATION SCIENCE DELAWARE TECHNICAL AND COMMUNITY COLLEGE				BACHELOR'S DEGREE B.S. Information Systems UNIVERSITY OF DELAWARE			
Semester 1 (Fall)			CR	Semester 5 (Fall)			CR
CSC	114	Computer Science I	4	ACCT	207	Accounting I	3
HIS	112	U.S. History Post Civil War	3	CISC	355	Computers, Ethics and Society	3
ENG	101	Composition I	3	COMM	212	Public Speaking & Professional Presentation	3
XXX	XXX	Social Science Elective (Choose 1: POL 111, ECO 111, PSY 121, SOC 111)	3	MATH	205	Statistical Methods	4
SSC	100	First Year Seminar	1	XXXX	XXX	Creative Arts & Humanities Breadth Course*	3
MAT	180 or MAT 183	College Algebra or Reasoning with Functions I	4 or 5				
			18/19				16
Semester 2 (Spring)				Semester 6 (Spring)			
CSC	164	Computer Science II	4	ACCT	208	Accounting II	3
CSC	210	Systems Programming	3	BUAD	306	Intro to Service and Operations Management	3
ENG	102	Composition II	3	CISC	437	Database Systems	3
HIS	111	U.S. History Pre-Civil War	3	PHYS PHYS	208 or 202	Fundamentals of Physics II or Introductory Physics II	4
MAT	190	Pre-Calculus	4	CISC	250	Business Telecommunication Networks	3
			17				16
Summer Semester (Summer)							
MAT	281	Calculus I	4				
Semester 3 (Fall)				Semester 7 (Fall)			
CIS	130	Computer Organization	3	BUAD	309	Organizational Behavior	3
MAT	282	Calculus II (Choose as Support Elective)	4	CISC	475	Advanced Software Engineering (DLE/Capstone)	3
ECO	122	Microeconomics	3	BUAD or FINC	301 or 311	Introduction to Marketing or Principles of Finance	3
CIS	211	Data Structures	4	MISY	430	Systems Analysis and Implementation	3
			14	XXXX	XXX	General Elective Course #2	3
							15
Semester 4 (Spring)				Semester 8 (Spring)			
ENG	122	Technical Writing and Communication	3	XXXX	XXX	IS Elective Course 2^	3
CSC	214	Computer Science III	4	MISY	431	MIS Project Management	3
PHY	281 or 205	Physics I with Calculus or General Physics I	4	MISY	432	MIS Projects	3
MAT	263	Principles of Discrete Math	4	XXXX	XXX	General Elective Course #3	4
			15				13
Total Credits			68/69				60
				* This course must fulfill the Multicultural Requirement. ^ Advisor approved IS Elective course • Minimum grade of C- required for all University and College Breadth Requirements.			
<ul style="list-style-type: none"> The Bachelor of Science degree program in Information Systems requires a minimum of 124 credits. Additional free elective credit may be needed to reach this minimum. Course sequencing may vary by semester. See your advisor. 							
For more information, contact:							
Delaware Technical Community College Dover, DE: (302) 857-1767 Georgetown, DE: (302) 259-6489 Stanton/Wilmington, DE: (302) 434-5564				University of Delaware F. Charles Shermeyer: (302) 831-8659 Dr. Adarsh Sethi: (302) 831-1945			

APPROVAL

This program articulation agreement is between Delaware Technical and Community College's Associate of Applied Science Degree in Computing and Information Science and the University of Delaware's Bachelor of Science in Information Systems.


Approval is granted for a period of five years effective on the date both parties have fully executed this agreement.


This agreement may be executed electronically through the use of any program that meets the requirements of the Delaware Uniform Electronic Transactions Act, or other applicable law, or in any number of counterparts and all of such counterparts shall together constitute one and the same instrument. Delivery of an executed counterpart of a signature page of this Agreement in Portable Document Format (PDF) or by facsimile transmission shall be effective as delivery of a manually executed original counterpart of this Agreement.

DELAWARE TECHNICAL AND COMMUNITY COLLEGE

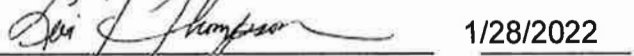
UNIVERSITY OF DELAWARE


 Dr. Mark T. Brainard, President Date


 Justina M. Thomas, Vice President for Academic Affairs Date


 Frank Sciallo, Department Chair, Information Technologies Date


 Dr. Robin Morgan, Provost Date


 Dr. Levi T. Thompson, Dean, College of Engineering, and Elizabeth Inez Kelley Professor, Chemical & Biomolecular Engineering Date


 Dr. Rudolph Eigenmann, Chair Computer and Information Sciences Date