

**DELAWARE TECHNICAL AND COMMUNITY COLLEGE
And
SALISBURY UNIVERSITY**

PROGRAM ARTICULATION AGREEMENT

**Associate Degree
A.A.S. Environmental Engineering Technology**

**Baccalaureate Degree
B.S. Earth Science**

2016 through 2021

Associate-Baccalaureate Program Articulation Agreement

between

**Delaware Technical and Community College
and**

**Salisbury University
for**

Environmental Engineering Technology/Earth Sciences

AGREEMENT

WHEREAS Delaware Technical and Community College and Salisbury University 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 baccalaureate 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 curriculums delineated in this document for the transfer of Delaware Tech's Associate Degree Program in Environmental Engineering Technology and Salisbury University's Bachelor of Science in Earth Science.
2. Both educational institutions will cooperate toward developing, disseminating, and presenting the articulated program information to students.
3. Graduates of the Delaware Tech program who have completed the associate degree with a cumulative grade point average of 2.0 or higher will automatically be accepted into the baccalaureate program at Salisbury University.
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.
5. Students intending to transfer should complete the admissions application for Salisbury University following the third semester of their associate degree program.
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 Earth Science bachelor's 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. Both institutions at any time 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. The senior institution will make a good faith effort to honor the articulation agreement in effect at the time a student is admitted to the Environmental Engineering Technology associate degree program.

CONNECTED DEGREE ANALYSIS

Matching Worksheet/Suggested Course Sequence/Bachelor's Completion

ASSOCIATE DEGREE PROGRAM		BACHELOR'S DEGREE COURSE MATCH OR		BACHELOR'S DEGREE COMPLETION	
A.A.S. ENVIRONMENTAL ENGINEERING TECHNOLOGY DELAWARE TECHNICAL & COMMUNITY COLLEGE		POTENTIAL COURSE MATCH		B.S. EARTH SCIENCE SALISBURY UNIVERSITY	
Course No./Name First Semester (fall)	CR	Course No./Name	CR	Course No./Name Fifth Semester (fall)	CR
SSC 100 First Year Seminar	1	No Match	0	GEOL 103 Introduction to Physical Geology	4
CET 125 Civil and Environmental Drafting and Design	3	ELEC 100 Elective	3	MATH 155 Modern Statistics with Computer Analysis	3
EDD 171 Intro to CAD Using AutoCAD	3	ELEC 100 Elective	3	HIST 101, HIST 102 or HIST 103	4
ENV 190 Intro to Environmental Science and Technology	3	ELEC 100 Elective	3	XXXX XXX General Education Group IIIA course- ART,CMAT,DANC, or THEA, MDFL, MUSC, PHIL	4
ENG 101 Critical Thinking and Academic Writing	3	ENG 103 Composition and Research Gen Ed Group IA	3	PHEC 106 Personalized Health/Fitness	3
MAT 281 Calculus I	4	MAT 201 Calculus I	4		
	17		16		18
Second Semester (spring)				Sixth Semester (spring)	
CHM 110 General Chemistry	4	CHEM 121 General Chemistry I	4	GEOG 201 Weather and Climate	4
ENG 102 Composition and Research	3	ENG XXX English Lit. (General Ed. Group IB)	3	GEOL 206 Historical Geology	4
CET 144 Surveying Principles	4	CET 144 +GIS 101 =GEOG 219 Map Interpretation and Analysis (Must take both to receive credit)	0	HIST 3XX or HIST 4XX Gen Ed Group IIB History Course at 300/400 Level	4
GEO 105 Geology and the Environment	3	GEOL Elective	3	GEOL 211 Sediment Analysis	1
PHY 205 General Physics	4	PHYS 121 General Physics	4	GEOG 204 Statistical Problem Solving in Geography	4
	18		14		17
Sub Total	35		30		35

ASSOCIATE DEGREE PROGRAM		BACHELOR'S DEGREE COURSE MATCH OR		BACHELOR'S DEGREE COMPLETION	
A.A.S. ENVIRONMENTAL ENGINEERING TECHNOLOGY DELAWARE TECHNICAL & COMMUNITY COLLEGE		POTENTIAL COURSE MATCH		B.S. EARTH SCIENCE SALISBURY UNIVERSITY	
Course No./Name Third Semester (fall)	CR	Course No./Name	CR	Course No./Name Seventh Semester (fall)	CR
ENV 271 Principles of Site Assessment	3	ELEC 100 Elective	3	GEOL 336 Stratigraphy and Sedimentology	3
ENV 260 Water/Wastewater Process Design	3	ELEC 100 Elective	3	GEOL 465 Earth Science Seminar	1
BIO 150 Biology I	4	BIOL 101 Fundamentals of Biology	4	GEOG 319 Geographic Information Science	4
CET 240 Hydraulics and Hydrology	4	XXXX XXX Elective	4	XXXX XXX Earth Science Elective	3*
GIS 101 Introduction to GIS	3	CET 144+ GIS 101= GEOG 219 Map Interpret. & Analysis + XXXX XXX Elective	3	XXXX XXX Elective (300-400 level)	3*
			4		
	17		21		14
Fourth Semester (spring)				Eighth Semester (spring)	
ENV 215 OSHA Haz. Waste Oper.	2	ELEC 100 Elective	2	GEOL 313 Mineralogy and Optical Petrology	4
ENV 275 Environmental Sustainability	3	GEOG XXX Geography Elective	3	GEOG 414 Research and Writing	3
ENV 240 Env. Field Sampling	3	GEOG XXX Geography Elective	3	XXXX XXX Earth Science Elective	3*
PSY 121 General Psychology or SOC 104 Human Geography	3	PSYC 101 General Psychology GEOG 100 Human Geography	3	XXXX XXX Elective (300-400 level)	4
ECO 111 Macroeconomics	3	ECON 212 Macroeconomic Principles	3	XXXX XXX Elective (300-400 level)	3*
SCI 223 Applied Ecology	3	BIOL XXX Biology Elective	3		
	17		17		17
TOTAL	69		68		66*
				*It is possible to choose a 4 credit elective rather than a 3 credit elective. If this is your choice, the number of credits required to earn the degree will be more than 66.	



CONNECTED DEGREE CURRICULUM

Suggested Course Sequence

ASSOCIATE DEGREE				BACHELOR'S DEGREE			
A.A.S. ENVIRONMENTAL ENGINEERING TECHNOLOGY DELAWARE TECHNICAL AND COMMUNITY COLLEGE				B.S. EARTH SCIENCE SALISBURY UNIVERSITY			
Semester 1 (Fall)			CR	Semester 5 (Fall)			CR
SSC	100	First Year Seminar	1	GEOL	103	Introduction to Physical Geology	4
CET	125	Civil and Environmental Drafting and Design	3	MATH	155	Modern Statistics with Computer Analysis	3
EDD	171	Intro to CAD Using AutoCAD	3	HIST	XXX	HIST 101, 102, or 103	4
ENV	190	Intro to Environmental Science and Technology	3	XXXX	XXX	General Ed. Group IIIA course-Choose from ART,CMAT,DANC,THEA,MDFL,MUSC,PHIL	4
ENG	101	Critical Thinking and Academic Writing	3	PHEC	106	Personalized Health/Fitness	3
MAT	281	Calculus I	4				
			17				18
Semester 2 (Spring)				Semester 6 (Spring)			
CHM	110	General Chemistry	4	GEOG	201	Weather and Climate	4
ENG	102	Composition and Research	3	GEOL	206	Historical Geology	4
CET	144	Surveying Principles	4	HIST	XXX	Gen. Ed. Group IIB course- History course at 300/400 level	4
GEO	105	Geology and the Environment	3	GEOL	211	Sediment Analysis	1
PHY	205	General Physics I	4	GEOG	204	Statistical Problem Solving in Geography	4
			18				17
Semester 3 (Fall)				Semester 7 (Fall)			
ENV	271	Principles of Site Assessment	3	GEOL	336	Stratigraphy and Sedimentology	3
ENV	260	Waste/Wastewater Process Design	3	GEOL	465	Earth Science Seminar	1
BIO	150	Biology I	4	GEOG	319	Geographic Information Science	4
CET	240	Hydraulics and Hydrology	4	XXXX	XXX	Earth Science Elective	3*
GIS	101	Introduction to GIS	3	XXXX	XXX	Elective (300-400 Level)	3*
			17				14
Semester 4 (Spring)				Semester 8 (Spring)			
ENV	215	OSHA Haz. Waste Oper.	2	GEOL	313	Mineralogy and Optical Petrology	4
ENV	275	Environmental Sustainability	3	GEOG	414	Research and Writing	3
ENV	240	Env. Field Sampling	3	XXXX	XXX	Earth Science Elective	3*
SOC	104	Human Geography or	3	XXXX	XXX	Elective (300-400 level)	4
PSY	121	General Psychology					
ECO	111	Macroeconomics	3	XXXX	XXX	Elective (300-400 level)	3*
SCI	223	Applied Ecology	3				
			17				17
Total Credits			69				66*
				* It is possible to choose a 4 credit elective rather than a 3 credit elective. If this is your choice, the number of credits required to earn the degree will be more than 66.			
- The Bachelor of Science degree program in Earth Science requires a minimum of 120 credits. - Course sequencing may vary by semester. See your advisor.							

APPROVAL

This program articulation agreement is between Delaware Technical and Community College's Associate of Applied Science Degree in Environmental Engineering Technology and Salisbury University's Bachelor of Science Degree in Earth Science.

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

DELAWARE TECHNICAL AND COMMUNITY COLLEGE

SALISBURY UNIVERSITY

Mark T. Brainard
Dr. Mark T. Brainard, President

Diane D. Allen
Dr. Diane D. Allen, Provost and Senior
Vice President for Academic Affairs

8/6/16
Date

6-13-16
Date

Justina M. Sapna
Ms. Justina M. Sapna
Vice President for Academic Affairs

6/6/16
Date