

PROGRAM ARTICULATION AGREEMENT

BETWEEN

DELAWARE TECHNICAL AND COMMUNITY COLLEGE
DOVER, DE

AND

SOUTHERN ILLINOIS UNIVERSITY CARBONDALE
CARBONDALE, IL

In an effort to provide a continued, articulated higher education baccalaureate degree program that will build on community college and university learning experiences, and also eliminate duplication of instruction, this agreement is entered into this 23 day of March, 2021 (Effective Date) by and between Delaware Technical and Community College and the Board of Trustees of Southern Illinois University, a body politic and corporate of the State of Illinois by and on behalf of Southern Illinois University Carbondale.

I. TERM AND TERMINATION

- A. Term. This Agreement shall commence as of the Effective Date (or if no Effective Date is indicated upon the date the Agreement is fully executed by the Parties) and shall remain in effect for a period of five (5) years thereafter. The Parties may renew or extend this Agreement only by written instrument signed by the authorized representatives of each Party.
- B. Termination. This Agreement may be terminated by either Party, with or without cause, upon 60 days advance written notice. The Parties agree that no additional students shall be accepted into the program after a Party's receipt of any written notice of termination. No qualified student then-enrolled in the program shall be deprived the opportunity to complete the program requirements solely due to termination.

II. TRANSFER REQUIREMENTS

- A. All graduates of Delaware Technical and Community College with an Associate of Applied Science (A.A.S.) degree in Architectural Engineering Technology and meeting SIU Carbondale admission requirements will be considered for admission into SIU Carbondale's Bachelor of Science (B.S.) degree in Industrial

Management & Applied Engineering (IMAE) in the College of Engineering based upon the Department's enrollment criteria and space availability.

B. A Delaware Technical and Community College graduate receiving an A.A.S. degree in Architectural Engineering Technology and following the degree plan attached to this agreement will be considered for admission to SIU Carbondale's Industrial Management & Applied Engineering (IMAE) program if the following are met:

1. The student has earned a minimum of 68 semester hours transferable to SIU Carbondale
2. The student has earned an overall grade point average (GPA) of 2.0 or above (4.0 scale) for his or her collegiate work as calculated by SIU Carbondale's grading regulations
3. Confirmation by the SIU Carbondale College of Engineering that the student has satisfactorily completed the following courses as part of the A.A.S. degree in Architectural Engineering Technology at Delaware Technical and Community College:

- AET 123-4, *Arch Drafting/Design I*
- AET 125-4, *Arch Drafting/Design II*
- AET 164-3, *Architectural CAD Applications*
- AET 232-3, *Contracts/Specifications*
- AET 236-3, *Building Service Systems*
- AET 250-4, *Arch Drafting/Design III*
- AET 270-4, *Arch Drafting/Design IV*
- Select 1 Course-3, AET 275, AET 290 or AET 291
- CET 135-3, *Engineering Materials*
- CMT 234-3, *Cost Estimating/Planning*
- EDD 171-3, *Intro to CAD using AutoCAD*
- ENG 101-3, *Critical Thinking & Academic Writing*
- ENG 102-3, *Composition & Research*
- MET 132-3, *Statics*
- MET 242-3, *Strength of Materials*
- MAT 281-4, *Calculus I*
- MAT 282-4, *Calculus II*
- PHY 205-4, *General Physics I*
- SSC 100-1, *First Year Seminar*
- SOCIAL SCIENCE ELECTIVES - 6 hours

- C. Acceptance into the Capstone Option reduces the University Core Curriculum for the A.A.S. degree recipient in Architectural Engineering Technology at Delaware Technical and Community College pursuing the B.S. in Industrial Management & Applied Engineering (IMAE) at SIU Carbondale to 30 semester hours. This, along with taking the courses listed above as part of the A.A.S. degree, makes it possible for the student to complete the B.S. in Industrial Management & Applied Engineering (IMAE) at SIU Carbondale in approximately 67 additional semester hours beyond the A.A.S. degree.
- D. Delaware Technical and Community College students transferring to the Industrial Management & Applied Engineering (IMAE) baccalaureate degree program at SIU Carbondale who have not completed all of his or her Associate of Applied Science degree requirements at Delaware Technical and Community College will have their related coursework evaluated on a course-by-course basis by the appropriate SIU Carbondale department. These students will also not be eligible to receive the Capstone Option benefits and will be considered based upon the Department's enrollment criteria and space availability.
- E. Students will be required to complete a minimum of 42 senior institution hours at the 300-400 course level, with the last 30 such senior institution hours being at SIU Carbondale for residency purposes. Those students enrolled in an approved program delivered by SIU Carbondale Extended Campus will have completed the residency requirement for the University upon completion of all courses required by the program. All students will be required to complete at least 120 hours with an overall GPA of 2.0 on a 4.0 scale to receive a Bachelor of Science degree in Industrial Management & Applied Engineering (IMAE). Coursework may include University Core Curriculum as well as Industrial Management & Applied Engineering (IMAE) major courses.

III. COURSE DELIVERY

- A. Delivery of courses and programs will be based on mutual agreement between the parties (as specified in the SIU Carbondale program) provided there is a minimum class enrollment in each course adequate to meet expenses. Courses with inadequate enrollment may be subject to cancellation. SIU Carbondale shall notify Delaware Technical and Community College of any cancellation due to inadequate enrollment.
- B. SIU Carbondale will perform registration and advisement counseling as needed to support the courses offered. SIU Carbondale will designate an individual(s) as a

concurrent enrollment liaison to work in conjunction with Delaware Technical and Community College and students as needed. Advisement about program requirements will be provided by the academic college offering the courses/programs.

- C. SIU Carbondale will obtain all permission and approvals necessary to teach these courses in the State of Illinois.
- D. SIU Carbondale reserves the right to approve and edit all news releases, advertising and other public announcements and information pieces relating to the performance of this Agreement.
- E. This agreement permits students to enroll concurrently at SIU Carbondale and Delaware Technical and Community College to complete the degree.

**IV. DELAWARE TECHNICAL AND COMMUNITY COLLEGE DUTIES:
DELAWARE TECHNICAL AND COMMUNITY COLLEGE SHALL BE
RESPONSIBLE FOR THE FOLLOWING OBLIGATIONS AND CONDITIONS:**

- A. Subject to federal and state guidelines, Delaware Technical and Community College will be considered the home institution for the purpose of processing Financial Aid until such time that the student either graduates or severs ties with Delaware Technical and Community College.
- B. Designate in writing a person or persons as point of contact between Delaware Technical and Community College and SIU Carbondale on all matters relating to the courses delivered.
- C. Reserve the right to approve and edit all news releases, advertising and other public announcements and information pieces relating to the performance of this Agreement.
- D. Permit students to enroll concurrently at SIU Carbondale and Delaware Technical and Community College to complete a degree.

V. PROGRAM ARTICULATION COMMUNICATION

- A. An SIU Carbondale College of Engineering, Industrial Management & Applied Engineering representative will communicate periodically with Delaware

Technical and Community College personnel in Architectural Engineering Technology for general advisement and degree planning purposes.

- B. Upon successful completion of all degree requirements, and following all policies and regulations stated in the program and SIU Carbondale guidelines, Delaware Technical and Community College students will be eligible to receive the Bachelor of Science degree in Industrial Management & Applied Engineering (IMAE), College of Engineering, Southern Illinois University Carbondale.
- C. Should changes occur in course or program content, the institution making the change agrees to notify the other institution in writing so that this agreement can be re-evaluated. Notice of changes shall be given at least 45 days prior to the beginning of the semester when the change is implemented.
- D. The Parties acknowledge and agree that the terms of this Agreement may result in the disclosure of personally identifiable information from education records protected from disclosure and re-disclosure by the Family Educational Rights and Privacy Act of 1974 (“FERPA”). Accordingly, the Parties agree that all disclosures or redisclosures of such personally identifiable information shall be in accordance with FERPA. As used in this section, the terms “personally identifiable information” and “education records” shall have the meanings ascribed to them in 34 C.F.R. § 99.3.
- E. Indemnification:
 - 1. To the extent permitted by law and not inconsistent with the doctrine of sovereign immunity, SIU Carbondale shall indemnify and hold harmless Delaware Technical and Community College, its agents and employees, from any claims, demands, or causes of action arising out of the negligent acts or omissions of SIU Carbondale, its agents or employees, in the performance of SIU Carbondale’s obligations under this Agreement.
 - 2. To the extent permitted by law and not inconsistent with the doctrine of sovereign immunity, Delaware Technical and Community College shall indemnify and hold harmless SIU Carbondale, its agents and employees, from any claims, demands, or causes of action arising out of negligent acts or omissions of the College, its agents or employees, in the performance of the College’s obligations under this Agreement.
 - 3. The indemnification for liability, loss or expense as required and qualified by the above, includes settlements, judgments, court costs, expenses of defense and attorney fees incurred by the indemnified party in connection with a suit arising out of the agreement. The obligation to indemnify, if any, shall be

restricted solely to the general or professional liability insurance required by this agreement or procured by or on behalf of a party, and no other funds or assets of a party shall be subject to any claim for indemnity hereunder.

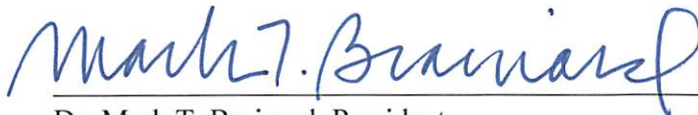
- F. Reasonable efforts will be made to resolve problems with student(s) through discussions with the student's program instructor, supervisor, and SIU Carbondale's faculty members; however SIU Carbondale reserves the right to remove any student from enrollment at SIU Carbondale upon the determination that the student is unable or unwilling to fulfill the requirements of SIU Carbondale's educational program and mission, including but not limited to the rules and regulations of Southern Illinois University Carbondale, the policies of the Board of Trustees of SIU Carbondale, and the SIU Carbondale Student Conduct Code. SIU Carbondale shall also have the right to withdraw any student from its education degree program in accordance with its academic requirements, including but not limited to unsatisfactory academic performance and/or social misconduct.
- G. Neither party will discriminate against any applicant or student in the nomination, selection, or training because of religion, race, sex, sexual orientation, creed, handicap, national origin, or age.
- H. Notices should be mailed to the following addresses by first class mail in order to fulfill any notice or revision of requirements under this Agreement:

For SIU Carbondale: Dr. Julie Dunston, Director
Department of Applied Engineering & Technology
Engineering D105, Mailcode 6603
Southern Illinois University Carbondale
Carbondale, IL 62901-6603
Email: dunston@siu.edu
Phone: 618-536-3396

For Delaware Technical and Community College: Cara Stanard, Articulation Coordinator
Delaware Technical and Community College
Office of the President
PO Box 897
Dover, DE 19903
Email: cara.stanard@dtcc.edu
Phone: 302-857-1759

IN WITNESS WHEREOF, the parties have executed this Agreement by their duly authorized, respective officers, and by doing so, hereby affirm that the Agreement is enforceable on behalf of and against each party as of the date written herein.

DELAWARE TECHNICAL AND COMMUNITY COLLEGE



Dr. Mark T. Brainard, President
Delaware Technical and Community College

3/23/2021

Date



Justina M. Sapna, Vice President for Academic Affairs
Delaware Technical and Community College

3/17/21

Date

BOARD OF TRUSTEES OF SOUTHERN ILLINOIS UNIVERSITY



Dr. Meera Komarraju, Provost and Vice Chancellor
for Academic Affairs for Austin A. Lane, Chancellor
Southern Illinois University Carbondale

Feb. 12, 2021

Date

SIU Approved as to Legal Form

Douglas J Mc
Carty  Digitally signed by Douglas J Mc Carty
DN: cn=Douglas J Mc Carty, o=SIU, ou=SIU, email=dmccarty@siu.edu

PROGRAM ARTICULATION DEGREE PLAN								
Delaware Technical Community College	2020-2021		Southern Illinois University Carbondale					
AAS Architectural Engineering Technology - 68 hrs			BS Industrial Management and Applied Engineering (IMAE) - 120 hrs					
			University Core Curriculum (UCC) Capstone Option - 30 hrs					
		Hrs			Hrs			
			UNIV 101	Saluki Success	NA			
ENG 101	Critical Thinking and Academic Writing	3	ENGL 101	English Composition I	T			
ENG 102	Composition and Research	3	ENGL 102	English Composition II	T			
			CMST 101	Intro to Oral Communication	3			
			MATH 108 (Required for BS degree)	College Algebra - (satisfied by Calc I and II)	NA			
SOCIAL SCIENCE	(See SIUC Equivalency Guide)	3	SOCIAL SCIENCE	(See SIUC Equivalency Guide)	T			
SOCIAL SCIENCE	(See SIUC Equivalency Guide)	3	SOCIAL SCIENCE	(See SIUC Equivalency Guide)	T			
			HUMANITIES		3			
			HUMANITIES		NA			
PHY 205	General Physics I	4	PHYS 203A/253A (Required for BS degree)	College Physics/Lab	T			
			LIFE SCIENCE, GRP II		3			
			FINE ARTS		3			
			HUMAN HEALTH		NA			
			MULTICULTURAL	(Choose 300/400 level course)	3			
		16			15			
Program Requirements			Program Requirements					
AET 123	Arch Drafting/Design I	4	The AAS in Architectural Engineering Technology as articulated satisfies the 22 hours of technical electives required for the BS in Industrial Management & Applied Engineering (IMAE).					
AET 125	Arch Drafting/Design II	4						
AET 164	Architectural CAD Applications	3						
AET 232	Contracts/Specifications	3						
AET 236	Building Service Systems	3						
AET 250	Arch Drafting/Design III	4						
AET 270	Arch Drafting/Design IV	4						
Select 1 Course:	AET 275 -or- AET 290 -or- AET 291	3						
CET 135	Engineering Materials	3						
CMT 234	Cost Estimating/Planning	3						
EDD 171	Intro to CAD using AutoCAD	3						
MET 132	Statics	3						
MET 242	Strength of Materials	3						
SSC 100	First Year Seminar	1						
MAT 281*	Calculus I	4				MATH 150 (Fulfills BS degree requirement)	Calculus I	T
MAT 282*	Calculus II	4				MATH 250 (Fulfills BS degree requirement)	Calculus II	T
		52						
			PHYS 203B/253B	College Physics/Lab	4			
*Recommended to fulfill BS degree requirements			IMAE 110	Geometric Dimensioning & Tolerancing	3			
			IMAE 208	Fundamentals of Manufacturing Processes	3			
			IMAE 305	Industrial Safety	3			
			IMAE 340 -or- PSYC 323**	Intro to Supervision -or- Organizational Psychology	3			
			IMAE 375	Production & Inventory Management	3			
			IMAE 390	Cost Estimating	3			
			IMAE 392	Facilities Planning and Workplace Design	3			
			IMAE 442	Fundamentals of Leadership	3			
			IMAE 445	Computer Integrated Manufacturing	3			
			IMAE 450	Project Management	3			
			IMAE 465	Lean Manufacturing	3			
			IMAE 470A	Six Sigma Green Belt I	3			
			IMAE 470B	Six Sigma Green Belt II	3			
			IMAE 476	Supply Chain Management	3			
			IMAE Electives	(Must be at 300/400 level)	6			
					52			
Total semester hrs completed w/AAS degree		68	Total semester hrs completed w/BS degree:		67			
			Total hours to BS degree:		135			
<i>Degree Plan edited on 12/21/20 by SG</i>			**PSYC 323 is an option for on-campus students only & requires PSYC 102 as a prerequisite					

TRANSFER GUIDE

AAS Architectural Engineering Tech transferring into BS Industrial Mgmt & Applied Engineering

Delaware Technical Community College Courses			
AAS Architectural Engineering Technology – 68 hours			
SSC 100-1	First Year Seminar	AET 270-4	Arch Drafting/Design IV
ENG 101-3	Critical Thinking & Academic Writing	Select 1 Course-3	AET 275, 290 or 291
ENG 102-3	Composition and Research	CET 135-3	Engineering Materials
Electives-6	Social Science	CMT 234-3	Cost Estimating/Planning
AET 123-4	Arch Drafting/Design I	EDD 171-3	Intro to CAD using AutoCAD
AET 125-4	Arch Drafting/Design II	MET 132-3	Statics
AET 164-3	Architectural CAD Applications	MET 242-3	Strength of Materials
AET 232-3	Contracts/Specifications	MAT 281-4	Calculus I
AET 236-3	Building Service Systems	MAT 282-4	Calculus II
AET 250-4	Arch Drafting/Design III	PHY 205-4	General Physics I
Southern Illinois University Carbondale Courses Capstone Option			
BS Industrial Management & Applied Engineering – 67 hours			
CMST 101-3	Intro to Oral Communication	IMAE 375-3	Production & Inventory Mgmt
Elective-3	Humanities	IMAE 390-3	Cost Estimating
Elective-3	Life Science	IMAE 392-3	Facilities Planning & Workplace Design
Elective-3	Fine Arts	IMAE 442-3	Fundamentals of Leadership
Elective-3	Multicultural (300/400 level)	IMAE 445-3	Computer Integrated Manufacturing
PHYS 203/253B-4	College Physics/Lab	IMAE 450-3	Project Management
IMAE 110-3	Geom Dimensioning & Tolerancing	IMAE 465-3	Lean Manufacturing
IMAE 208-3	Fundamentals of Mfg Processes	IMAE 470A-3	Six Sigma Green Belt I
IMAE 305-3	Industrial Safety	IMAE 470B-3	Six Sigma Green Belt II
IMAE 340-3 or	Intro to Supervision or	IMAE 476-3	Supply Chain Management
PSYC 323-3	Organizational Psychology	IMAE Electives-6	Must be at 300/400 level
Total Hours to Bachelor Degree: 135 Hours			

Questions? Contact Us!

Salary Range: \$50,000-\$70,000

Possible Careers: Production Manager
 Manufacturing Engineer
 Quality Engineer
 Plant Manager
 Project Engineer

Delaware Technical Community College
 Dr. Heidi Gurdo, Instructional Director
 Architectural Engineering Technology
 P: 302-454-3188 | E: hgurdo@dtcc.edu

Southern Illinois University Carbondale
 Dr. Julie Dunston, Director
 School of Applied Engineering & Technology
 P: 618-536-3396 | E: dunston@siu.edu

Baccalaureate Degree Requirements

Each candidate for a bachelor's degree must complete the requirements listed:

Hour Requirements. Student must complete at least 120 semester hrs of credit. Each student must have at least 42 hrs in courses that number 300 or above from a four-year institution.

Residence Requirements. Student must complete the residency requirement by taking a total of 42 semester hrs at SIU Carbondale.

Grade Point Average Requirements. Student must have a C average for all work taken at SIU Carbondale. Some academic programs may require a higher graduating major GPA.

Compact Agreement

SIU Carbondale has recognized Illinois regionally accredited community college transferable baccalaureate-oriented Associate of Arts or Associate of Science degrees under the Compact Agreement since 1970. SIUC will continue to recognize the baccalaureate oriented associate degree (A.A. or A.S. degree) under the Illinois Articulation Initiative as satisfying SIU University Core Curriculum (UCC) requirements. The Associate of Applied Science (A.A.S.), Associate in Engineering Science (A.E.S.), the Associate in General Studies (A.G.S.), and the Associate in Fine Arts (A.F.A.) are not covered under the Compact Agreement and do not carry the same benefits as the A.A. and A.S. degrees.

Saluki Transfer Pathways

Saluki Transfer Pathways is the university's dual admission program that allows baccalaureate-oriented students at eligible community colleges intending to transfer to SIU Carbondale to benefit from early admission and pre-advisement for a baccalaureate program at SIUC. Saluki Transfer Pathways allows students to be conditionally admitted to SIU Carbondale up to two years in advance of their intended transfer term so they have access to transfer credit evaluation and the university's degree audit system. This allows students to address major specific requirements that may not be automatically fulfilled with the completion of an associate degree. Students apply to Saluki Transfer Pathways by completing the Application for Undergraduate Admission and indicating an interest in the program. To participate, students must have at least two semesters remaining at their community college, must attend an eligible community college, and must select a participating SIU major. Direct questions about the Saluki Transfer Pathways program to transfer@siu.edu.

DegreeWorks

DegreeWorks is an easy-to-use, online degree audit tool specifically designed for students. Once admitted to SIU Carbondale, you can use it monitor your progress toward your degree in [Salukinet](#).

Saluki Transfer Estimator Portal (STEP)

The Saluki Transfer Estimator Portal (STEP) is a web-based tool that integrates institutional course equivalency and degree audit data to provide an unofficial credit estimation and a more seamless transfer process. STEP gives transfer students a clear roadmap for timely degree completion by providing key information about how transfer credits apply to your intended program at SIU.