

PROGRAM ARTICULATION AGREEMENT

BETWEEN

COLLEGE OF DUPAGE
GLEN ELLYN, IL

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 15th day of May, 2017 (Effective Date) by and between College of DuPage and the Board of Trustees of Southern Illinois University 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 College of DuPage with an Associate of Applied Science (A.A.S.) degree in Automated Manufacturing Systems and meeting SIU Carbondale admission requirements will be considered for admission into SIU Carbondale's Bachelor of Science (B.S.) degree in Industrial Management and Applied Engineering (IMAE) in the College of Engineering based upon the Department's enrollment criteria and space availability.

B. A College of DuPage graduate receiving an A.A.S. degree in Automated Manufacturing Systems and following the degree plan attached to this agreement, will be considered for admission to SIU Carbondale's Industrial Management and 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 Automated Manufacturing Systems at College of DuPage:
 - ELECT 1100-3, *Electricity and Electronics Fundamentals*
 - ELMEC 1141-3, *Hydraulics and Pneumatics*
 - ELMEC 1171-3, *Introduction to Robotic Technology*
 - ELMEC 1190-3, *Introduction to Programmable Logic Controllers*
 - ENGLI 1101-3, *English Composition I*
 - MANUF 1101-3, *Industrial Design/CAD*
 - MANUF 1104-2, *Technical Mechanics*
 - MANUF 1110-3, *Metrology*
 - MANUF 1121-3, *Physical Metallurgy*
 - MANUF 1151-3, *Machine Shop I*
 - MANUF 1180-3, *Quality Control*
 - MANUF 2202-3, *Solid Modeling and Design*
 - MANUF 2251-3, *Computer Numerical Control (CNC)*
 - MANUF 2253-3, *Computer-Aided Manufacturing (CAM)*
 - MANUF 2280-2, *Industrial Safety*
 - MATH 1431-5, *Precalculus I*
 - PHYSI 1201-5, *General Physics I*
 - PSYCH 1100-3, *General Psychology*
 - SPEEC 1100-3, *Fundamentals of Speech* -or- SPEEC 1150-3, *Intro to Business Communication*
 - IAI HUMANITIES or IAI FINE ARTS-3 hours
 - PROGRAM ELECTIVES-6 hours

C. Acceptance into the Capstone Option reduces the University Core Curriculum for the A.A.S. degree recipient in Automated Manufacturing Systems at College of

DuPage pursuing the B.S. in Industrial Management and 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 and Applied Engineering (IMAE) at SIU Carbondale in approximately 58 additional semester hours beyond the A.A.S. degree.

- D. College of DuPage students transferring to the Industrial Management and 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 College of DuPage 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 and Applied Engineering. Coursework may include University Core Curriculum as well as Industrial Management and Applied Engineering 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, which said cancellation shall be at the sole and absolute discretion of SIU Carbondale. SIU Carbondale shall notify College of DuPage 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 College of DuPage 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 College of DuPage to complete the degree.

IV. COLLEGE OF DUPAGE DUTIES: COLLEGE OF DUPAGE SHALL BE RESPONSIBLE FOR THE FOLLOWING OBLIGATIONS AND CONDITIONS:

- A. Subject to federal and state guidelines, College of DuPage 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 College of DuPage.
- B. Designate in writing a person or persons as point of contact between College of DuPage 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 College of DuPage to complete a degree.

V. PROGRAM ARTICULATION COMMUNICATION

- A. An SIU Carbondale College of Engineering, Industrial Management and Applied Engineering representative will communicate periodically with College of DuPage personnel in Automated Manufacturing Systems 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, College of DuPage students will be eligible to receive the Bachelor of Science degree in Industrial Management and 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 will 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 and its implementing regulations ("FERPA"). Accordingly, the Parties agree that any exchange or disclosure between the Parties of personally identifiable information from education records shall be in accordance with FERPA.
- 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 College of DuPage, 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, College of DuPage 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.
- 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 SIU Carbondale's 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.

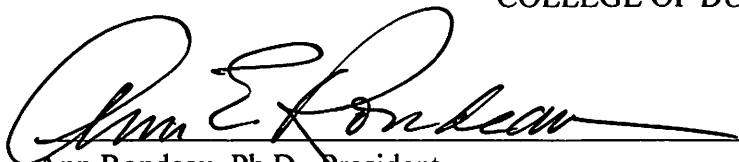
- G. Neither party will discriminate against any applicant or student in the nomination, selection, or training because of religion, race, sex, sexual orientation, creed, handicap, national origin, or age.
- H. Notices should be mailed to the following addresses by first class mail in order to fulfill any notice or revision of requirements under this Agreement:

For SIU Carbondale: Dr. Julie Dunston, Program Coordinator
Industrial Management & Applied Engineering
Southern Illinois University Carbondale
Engineering D105, Mailcode 6603
Carbondale, IL 62901-6603
Email: dunston@siu.edu
Phone: 618-536-3396

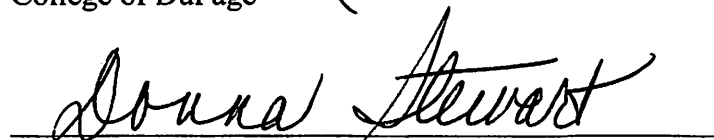
For College of DuPage: Emmanuel Awuah, Ph.D.
Associate Vice President, Academic Affairs
College of DuPage
425 Fawell Blvd., TEC 1063
Glen Ellyn, IL 60137
Email: awuahe@cod.edu
Phone: 630-942-2652

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.

COLLEGE OF DUPAGE


Ann Rondeau, Ph.D., President
College of DuPage

5/15/17
Date


Donna Stewart, Ph.D., Interim Vice President
for Academic Affairs
College of DuPage

5/9/17
Date

Kris Fay
Kris Fay, Interim Dean of Business & Technology
College of DuPage

5.9.17
Date

James Filipek
James Filipek, Coordinator, Manufacturing Technology
College of DuPage

5/9/2017
Date

BOARD OF TRUSTEES OF SOUTHERN ILLINOIS UNIVERSITY

By Susan M. Ford
Susan M. Ford, Ph.D., Interim Provost and
Vice Chancellor for Academic Affairs for
Brad Colwell, Interim Chancellor
Southern Illinois University Carbondale

5/3/17
Date

SW
APPROVED
AS TO
LEGAL FORM
NW
28 April 2017

PROGRAM ARTICULATION DEGREE PLAN			
College of DuPage 2017-2018		Southern Illinois University Carbondale	
AAS Automated Manufacturing Systems - 68 hrs		BS Industrial Management and Applied Engineering (IMAE) - 120 hrs	
General Education		University Core Curriculum (UCC) CAPSTONE OPTION - 30 hrs	
		Hrs	Hrs
ENGLI 1101	English Composition I	3	NA
		ENGL 101	English Composition I
		ENGL 102	English Composition II
SPEEC 1100 or SPEEC 1150	Fundamentals of Speech or Intro: Business Communication	3	CMST 101
MATH 1431	Precalculus I	5	MATH 108 (Required for BS degree)
PSYCH 1100	General Psychology	3	PSYC 102
			Intro to Psychology
			3
IAI HUMANITIES/FINE ARTS	(See SIUC Equivalency Guide)	3	HUMANITIES
			HUMANITIES
			NA
PHYSI 1201	General Physics I	5	PHYS 203/253A (required for BS degree)
			College Physics/Lab
			3
			LIFE SCIENCE, GRP II
			3
			FINE ARTS
			NA
			3
			HUMAN HEALTH
			3
			MULTICULTURAL
			3
		22	12
Program Requirements		Program Requirements	
ELECT 1100	Electricity and Electronics Fundamentals	3	Technical Electives - 22 hrs (Any unarticulated course will be used to satisfy technical electives.)
ELMEC 1141	Hydraulics and Pneumatics	3	
ELMEC 1171	Introduction to Robotic Technology	3	
ELMEC 1190	Introduction to Programmable Logic Controllers	3	
MANUF 1101	Industrial Design/CAD	3	IMAE 105
MANUF 1104	Technical Mechanics	2	Computer-Aided Drafting
MANUF 1110	Metrology	3	
MANUF 1121	Physical Metallurgy	3	
MANUF 1151	Machine Shop I	3	IMAE 208 (Required for BS degree)
MANUF 1180	Quality Control	3	Fundamentals of Manufacturing Processes
MANUF 2202	Solid Modeling and Design	3	
MANUF 2251	Computer Numerical Control (CNC)	3	
MANUF 2253	Computer-Aided Manufacturing (CAM)	3	
MANUF 2280	Industrial Safety	2	
		40	
Program Electives			
Select at least 6 hrs from the following courses:			
MANUF 1153	Advanced Machine Processes	3	IMAE 209
MANUF 1160	Technical Static and Strength of Material	4	Manufacturing Process Laboratory
MANUF 2201 *	Geometric Dimensioning and Tolerancing	3	IMAE 110 (Required for BS degree)
MANUF 2203	Manufacturing Processes and Design	3	Geometric Dimensioning and Tolerancing
MANUF 2206	Mechanical Computer-Aided Drafting/Design	3	
MANUF 2207	Tool Design	3	
MANUF 2271	Robotic Application	3	
		6	
* Recommended course to fulfill SIUC degree requirements		MATH 140* or IMAE 307	Short Course in Calculus or Applied Calculus
		PHYS 203/253B	College Physics/Lab
		IMAE 305	Industrial Safety
		PSYC 323 or IMAE 340	Organizational Psychology or Intro to Supervision
		IMAE 376	Supply Chain Operations & Logistics
		IMAE 390	Cost Estimating
		IMAE 392	Facilities Plan/Workplace Dsgn
		IMAE 442	Fundamentals of Leadership
		IMAE 445	Computer-Aided Manufacturing
		IMAE 450	Project Management
		IMAE 465	Lean Manufacturing
		IMAE 470A	Six Sigma Green Belt I
		IMAE 470B	Six Sigma Green Belt II
		IMAE 476	Supply Chain Design & Strategy
		IMAE Electives	300/400 level
			6
		*Students that take MATH 140 will not be able to count course toward senior hours	
			49-50
Total semester hrs completed w/ AS degree:		68	Total semester hrs completed w/ BS degree:
			61-62
		Total to BS Degree:	
			129-130