

PROGRAM ARTICULATION AGREEMENT

BETWEEN

HARPER COLLEGE
PALATINE, 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 7th day of June, 2016 (Effective Date) by and between Harper College 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 Harper College with an Associate of Applied Science (A.A.S.) degree in Manufacturing 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 and Applied Engineering (IMAE) in the College of Engineering based upon the Department's enrollment criteria and space availability.

- B. A Harper College graduate receiving an A.A.S. degree in Manufacturing Technology 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 60 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 Manufacturing Technology at Harper College:
 - MAT 103-3 or higher, *College Algebra*
 - SPE 101-3, *Fundamentals of Speech Communication*
 - ENG 101-3, *Composition*
 - PSY 101-3, *Intro to Psychology* (Recommended)
 - Social Science Electives- 6
 - Humanities Elective-3
- C. Acceptance into the Capstone Option reduces the University Core Curriculum for the A.A.S. degree recipient in Manufacturing Technology at Harper College 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 68 additional semester hours beyond the A.A.S. degree. Harper College students may transfer up to 78 credits of applicable credits. In this case, consult your academic advisor and/or SIUC's Engineering Advisement Center to determine if there are additional credits, if completed before transfer, will satisfy a degree requirement if not listed on the Degree Plan for A.A.S. in Manufacturing Technology.
- D. Harper College 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 Harper 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 and Applied Engineering (IMAE). Coursework may include University Core Curriculum as well as Industrial Management and 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, which said cancellation shall be at the sole and absolute discretion of SIU Carbondale. SIU Carbondale shall notify Harper 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 Harper 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 Harper College to complete the degree.

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

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

V. PROGRAM ARTICULATION COMMUNICATION

- A. An SIU Carbondale College of Engineering, Industrial Management and Applied Engineering (IMAE) representative will communicate periodically with Harper College personnel in Manufacturing 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, Harper College 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 Harper 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, Harper 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.

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, Interim Chair
Southern Illinois University Carbondale
College of Engineering
Department of Technology
Mail Code 6603
Engineering D Room D105
Carbondale, IL 62901-6603
Phone: 618-536-3396
Email: dunston@siu.edu

For Harper College: Dr. Eric Rosenthal, Director
Academic Advising and Counseling
Harper College
1200 W. Algonquin Rd.
Palatine, IL 60067

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.

HARPER COLLEGE

Judith Marwick
Judith Marwick, Ed.D, Provost
Harper College

June 7, 2016
Date

BOARD OF TRUSTEES OF SOUTHERN ILLINOIS UNIVERSITY

By [Signature]
Susan M. Ford, Interim Provost and
Vice Chancellor for Academic Affairs for
Brad Colwell, Interim Chancellor
Southern Illinois University

5/27/16
Date

SIU
APPROVED
AS TO
LEGAL FORM
[Signature]
5-20-2016

PROGRAM ARTICULATION DEGREE PLAN					
Harper College 2016-2017		Southern Illinois University Carbondale			
AAS Manufacturing Technology - 60 hrs		BS Industrial Management and Applied Engineering (IMAE) - 120 hrs			
		University Core Curriculum (UCC) CAPSTONE OPTION - 30 hrs			
		Hrs			Hrs
MTH 103-3 or higher	College Algebra	3	UCOL 101-1	Foundations of Inquiry	NA
SPE 101-3 (Comm Elective)	Fund of Speech Communication	3	MATH 108-3 (required for BS)	College Algebra	T
ENG 101-3	Composition	3	CMST 101-3	Intro.Oral Communication	T
			ENGL 101-3	English Composition I	T
			ENGL 102-3	English Composition II	NA
PSY 101-3 (Recommended)	Intro to Psychology	3	PSYC 102-3	Intro to Psychology	T
*Social Science Elective	(See SIUC Equivalency Guide)	3	SOCIAL SCIENCE-3		T
*Humanities Elective	(See SIUC Equivalency Guide)	3	HUMANITIES-3		T
			HUMANITIES-3		NA
			PHYS 203A-3 & 253A-1 (required for BS)	College Physics/Lab	4
			LIFE SCIENCE, GRP II-3		3
			FINE ARTS-3		3
			HUMAN HEALTH-2		NA
			MULTICULTURAL-3		3
*Humanities or Social Science elective must also meet the World Cultures and Diversity graduation requirement.		18			13
Program Requirements		Program Requirements			
Required Core Courses (for all Specialized Study Areas)		Technical Electives - 21-22 hrs			
MFT 102-4	Intro to Manufacturing and Safety	4	Any unarticulated major course will be used to satisfy technical electives.		
MFT 104-2	Quality and Measurement	2			
MFT 108-3	Manufacturing Processes	3			
MFT 109-2	Intro to Manufacturing Maintenance	2			
MFT 119-2	Manufacturing Internship	2			
		13			
<i>Choose one Specialized Area of Study</i>					
Mechatronics/Automation					
ELT 110-4	Introductory Electronics	4			
ELT 120-2	Introductory Industrial Electronics Maint.	2			
ELT 140-2	Programmable Logic Controllers	2			
ELT 142-2	Electrical Wiring	2			
ELT 143-2	Advanced Electrical Wiring	2			
ELT 215-4	Industrial Control Systems	4			
ELT Electives		8			
Technical Electives		5			
		29			
Precision Machining					
MFT 105-4	Machining Processes I	4			
MFT 120-3	Machining Processes II	3			
MFT 123-3	Intro to CNC Machining	3			
MFT 125-3	CNC Lathe Operation & Programming	3			
MFT 128-3	CNC Mill Operation & Programming	3			
MFT 130-1	Machining Blueprints	1			
MFT 201-5	Advanced CNC	5			
MFT 265-2	Properties of Materials	2			
MNT 111-2	Prints and Schematics	2			
Technical Electives		3			
		29			
Metal Fabrication					
MNT 111-2	Prints and Schematics	2			
WLD 110-3	Welding I	3			
WLD 210-3	Welding II	3			
WLD 211-4	Welding III	4			
WLD 212-4	Welding IV	4			
WLD 225-2	Advanced Blueprint Reading	2			
WLD 240-3	Cutting Processes	3			
WLD 245-4	Welding Fabrication I	4			
WLD 250-4	Welding Fabrication II	4			
		29			
Supply Chain Management/Logistics					
SCM 101-3		3			
SCM 120-3		3			
SCM 121-3		3			
SCM 122-3		3			
SCM 125-3		3			
SCM 226-3		3			
SCM 227-3		3			
SCM 259-3		3			
Technical Electives		5			
		29			
			PHYS 203B-3 & PHYS 253B-1	College Physics/Lab	4
			IMAE 110-3	Geometric Dimensng & Tolerncng	3
			IMAE 208-3	Fundamentals of Mfg Processes	3
			IMAE 305-3	Industrial Safety	3
			IMAE 307-3	Applied Calculus for Tech	3
			IMAE 340-3	Intro to Supervision	3
			IMAE 376-3	Supply Chain Operations & Logistics	3
			IMAE 390-3	Cost Estimating	3
			IMAE 392-3	Facilities Plan/Workplace Dsgn	3
			IMAE 442-3	Fundamentals of Leadership	3
			IMAE 445-3	Computer-Aided Manufacturing	3
			IMAE 450-3	Project Management	3
			IMAE 465-3	Lean Manufacturing	3
			IMAE 470A-3	Six Sigma Green Belt I	3
			IMAE 470B-3	Six Sigma Green Belt II	3
			IMAE 476-3	Supply Chain Design & Strategy	3
			Electives 300/400 level-6		6
					55
Total semester hrs completed w/ AAS degree:		60	Total semester hrs completed w/ BS degree:		68
			Total hours to BS Degree:		128