



**STATEMENT OF UNDERSTANDING BETWEEN
THE UNIVERSITY OF SOUTHERN INDIANA AND SOUTHEASTERN ILLINOIS COLLEGE**

Effective Date: August 16, 2017

Statement of Intent: The purpose of this agreement is to facilitate the transfer of students' course credit from Southeastern Illinois College to the University of Southern Indiana Department of Engineering baccalaureate degree programs, and to provide a specific, course-by-course transfer guide for use by students and advisors. This agreement confirms that the relevant credit hours earned by students who complete the graduation requirements for an Associate of Science degree program at Southeastern Illinois College will be accepted into and serve to fulfill all lower division requirements for an engineering degree program at USI. **Table 1** lists the courses that directly transfer from Southeastern Illinois College to the following USI Department of Engineering degree programs:

BS Engineering
BS Mechanical Engineering
BS Manufacturing Engineering
BS Electrical Engineering (anticipated Fall 2018)

Principles Upon Which Articulation is Based: This agreement, which encompasses the degree granting institutions of Southeastern Illinois College and the University of Southern Indiana, provides a written record of a continuing relationship centered on a mutually beneficial commitment to serving students.

A handwritten signature in blue ink, appearing to read "Ron Rochon".

Dr. Ron Rochon, Provost
University of Southern Indiana

A handwritten signature in blue ink, appearing to read "Karen Weiss".

Karen Weiss, VP for Academic Affairs
Southeastern Illinois College

A large, stylized handwritten signature in blue ink, appearing to read "Lane Mitchell".

Dr. Lane Mitchell, Dean
Pott College of Science, Engineering, and Education

A handwritten signature in blue ink, appearing to read "Gina Sirach".

Gina Sirach, Ex. Dean of Academic Services
Southeastern Illinois College

A handwritten signature in blue ink, appearing to read "Paul Kuban".

Dr. Paul Kuban, Chair
Department of Engineering

Table 1. Transfer courses for USI BSE, BSME, BSMFE, BSEE

University of Southern Indiana Courses					SIC Courses			
Prefix	Num.	Name	cr.		Prefix	Num.	Name	cr.
CHEM	261	General Chemistry I	4	=	CHEM	121	General Chemistry I	5
CMST	101	Intro. to Public Speaking	3	=	COM	121	Speech	3
ECON	208	Principles of Microecon.	3	=	ECON	121	Microeconomics	3
WOK	xxx		3		SOC	xxx	Social and Behavioral Science	3
WOK	xxx		3		ART	xxx	Fine Arts	3
ENGR		Elective	6	=			excess hours from GRAP, MATH, CHEM122	
ENGR	107	Fund. of Engineering	3	=	MATH	165	Scientific Programming	3
ENGR	235	Statics	3	=	PHYS	241	Statics	3
ENGR	275	Dynamics	3	=	PHYS	242	Dynamics	3
ME	121	Solid Modeling	1	=	GRAP	121	Engineering Graphics	3
ENGR	121	2-D Modeling-AutoCAD	1					
ENG	101	Rhetoric and Composition I	3	=	ENG	111	Rhetoric and Composition I	3
ENG	201	Rhetoric and Composition II	3	=	ENG	121	Rhetoric and Composition II	3
MATH	230	Calculus I	4	=	MATH	162	Calculus I	5
MATH	235	Calculus II	4	=	MATH	221	Calculus II	5
MATH	335	Calculus III	4	=	MATH	222	Calculus III	5
MATH	366	Differential Equations	3	=	MATH	225	Differential Equations	3
PHIL	201	Introduction to Ethics	3	=	PHIL	221	Fundamentals of Ethics	3
PHYS	205	Interm. Physics I , Lab	5	=	PHYS	221	Physics I (calc-based)	5
PHYS	205L							
PHYS	206	Interm. Physics II , Lab	5	=	PHYS	222	Physics II (calc-based)	5
PHYS	206L							
		Science Elective	4	=	CHEM	122	General Chemistry II	5
			71					71

Table 2. USI Engineering BSE Courses Year 3 and 4

Course ID	Course Name	Hours
ENGR108	Systems Engineering and Freshman Design	2
ME225	Thermodynamics	3
ECE255	Electrical Circuits	4
ENGR291	Experimental Design & Technical Writing	2
ENGR305	Engineering Statistics	3
ENGR355	Strength of Materials	4
ENGR335	Engineering Economics	3
ENGR375	Fluid Mechanics	3
ENGR491	Senior Design	3
Various	Engineering Electives	29
	Total USI Hours	56

Table 3. USI Engineering BSME Courses Year 3 and 4

Course ID	Course Name	Hours
ENGR108	Systems Engineering and Freshman Design	2
ECE255	Electrical Circuits	4
ENGR291	Experimental Design & Technical Writing	2
ME225	Thermodynamics	3
Various	Intensive MATH Elective	3
ENGR305	Engineering Statistics	3
ENGR355	Strength of Materials	4
ENGR362	Manufacturing	3
ENGR375	Fluid Mechanics	3
ME366	Dynamics of Machinery	3
ME364	Materials Science	3
ME365	Modeling Dynamic Systems	3
ENGR471	Engineering Design and Analysis	3
ME463	Heat Transfer	3
Various	Design Electives	9
Various	ME Elective	3
ENGR491	Senior Design	3
	Total USI Hours	57

Table 4. USI Engineering BSMFE Courses Year 3 and 4

Course ID	Course Name	Hours
ENGR108	Systems Engineering and Freshman Design	2
ENGR291	Experimental Design & Technical Writing	2
ECE255	Electrical Circuits	4
ME225	Thermodynamics	3
ENGR305	Engineering Statistics	3
ENGR355	Strength of Materials	4
ENGR362	Manufacturing	3
ENGR375	Fluid Mechanics	3
ME366	Dynamics of Machinery	3
ME364	Materials Science	3
ME466	Machine Design	3
ENGR335	Engineering Economics	3
TECH367	Advanced Manufacturing	3
ENGR382	SCADA Systems Design	3
IME331	Intro to Statistical Quality Control	3
IME412	Production Control	3
IME414	Process and Facilities Design	3
IME422	Automated Manufacturing	3
ENGR491	Senior Design	3
	Total USI Hours	57

Table 5. USI Engineering BSEE Courses Year 3 and 4

Course ID	Course Name	Hours
ENGR108	Systems Engineering and Freshman Design	2
ENGR291	Experimental Design & Technical Writing	2
ECE255	Electrical Circuits	4
ECE217	Fundamentals of Computer Programming	1
ECE241	Digital Logic Design	3
ECE343	Electronic Devices	4
ECE345	Advanced Electrical Circuits	3
ENGR305	Engineering Statistics	3
ECE347	Microcomputer Engineering	3
ECE349	Electrical Machines	4
ECE445	Signals and Systems	3
ECE311	Electromagnetic Fields	3
ENGR335	Engineering Economics	3
MATH362	Linear Algebra	3
ECE471	Electrical Systems Integration	3
Various	ECE Electives	9
ENGR491	Senior Design	3
	Total USI Hours	56