



STATEMENT OF UNDERSTANDING BETWEEN THE UNIVERSITY OF SOUTHERN INDIANA AND VINCENNES UNIVERSITY

Effective Date: August 16, 2017

Statement of Intent: The purpose of this agreement is to facilitate the transfer of students' course credit from Vincennes University 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 Vincennes University 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 VU 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 Vincennes University and the University of Southern Indiana, provides a written record of a continuing relationship centered on a mutually beneficial commitment to serving students.

[Signature]

Dr. Ron Rochon, Provost
University of Southern Indiana

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Dr. Laurel Smith, Interim Provost
Vincennes University

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

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Professor Michael Gress, Assistant Provost
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Dr. Paul Kuban, Chair
Department of Engineering

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Professor Curt Coffman, Interim Dean
College of Science, Engineering, and Math

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Dr. Jubin Chen, Chair
Department of Physics and Engineering

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

University of Southern Indiana Courses				Vincennes University Courses				
Prefix	Num.	Name	cr.	=	Prefix	Num.	Name	cr.
CHEM	261	General Chemistry I	4	=	CHEM	105	General Chemistry I	3
					CHEM	105L	General Chemistry I Lab	2
CMST	101	Intro. to Public Speaking	3	=	COMM	143	Speech	3
ECON	208	Principles of Microecon.	3	=	ECON	201	Microeconomics	3
ENGR		Elective	3	=	CSCI	159	C Prog. for Scientists and Engineers	3
ENGR	107	Fund. of Engineering	3	=	ENGR	131	Intro. to Engineering	2
ENGR	108	Sys. Eng. & Freshman Design	2	=	CSCI	126	Intro. to Computer Tools for Sci. and Eng.	2
ENGR	225	Thermodynamics	3	=	ENGR	235	Thermodynamics	3
ENGR	235	Statics	3	=	ENGR	205	Statics	3
ENGR	275	Dynamics	3	=	ENGR	206	Dynamics	3
ENGR	121	Drafting and Annotation	1	=	ENGR	105	Graphics, excess hour to ENGR107	2
ME	121	Solid Modeling	1	=				
ENGR	355	Strength of Materials with Lab	4	=	ENGR	270	Intro. Structural Mechanics	3
						270L	Intro. Structural Mechanics Lab	1
ECE	255	Electric Circuits	4	=	ENGR	217	Linear Circuits I	3
					ENGR	217L	Linear Circuits I Lab	1
ENG	101	Rhetoric and Composition I	3	=	ENGL	101	English Composition I	3
ENG	201	Rhetoric and Composition II	3	=	ENGL	102	English Composition II	3
MATH	230	Calculus I	4	=	MATH	118	Calculus / Analytic Geometry I	5
MATH	235	Calculus II	4	=	MATH	119	Calculus / Analytical Geometry II	5
MATH	335	Calculus III	4	=	MATH	220	Intermediate Calculus	4
MATH	366	Differential Equations	3	=	MATH	223	Differential Equations w/ Linear Algebra	4
PHIL	201	Introduction to Ethics	3	=	PHIL	212	Introduction to Ethics	3
PHYS	205	Interm. Physics I , Lab	5	=	PHYS	205	Physics for Science and Engineers I	3
PHYS	205L						Physics for Science and Engineers I Lab	2
PHYS	206	Interm. Physics II , Lab	5	=	PHYS	206	Physics for Science and Engineers II	4
PHYS	206L				PHYS	206L	Physics for Science and Engineers II Lab	1
		Science Elective	3	=			Extra Hours from MATH 118/MATH 119 /MATH 223	3
			74					77

Table 2. USI Engineering BSE Courses Year 3 and 4

Course ID	Course Name	Hours
ENGR291	Experimental Design & Technical Writing	2
ENGR305	Engineering Statistics	3
ENGR335	Engineering Economics	3
ENGR375	Fluid Mechanics	3
ENGR491	Senior Design	3
Various	Engineering Electives	36
	Total USI Hours	50

Table 3. USI Engineering BSME Courses Year 3 and 4

Course ID	Course Name	Hours
ENGR291	Experimental Design & Technical Writing	2
ENGR305	Engineering Statistics	3
ENGR362	Manufacturing	3
ENGR375	Fluid Mechanics	3
ME121	Solid Modeling	1
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	Intensive Science Elective	3
Various	Engineering Electives	9
Various	Design Electives	6
Various	ME Elective	3
ENGR491	Senior Design	3
	Total USI Hours	51

Table 4. USI Engineering BSMFE Courses Year 3 and 4

Course ID	Course Name	Hours
ENGR291	Experimental Design & Technical Writing	2
CHEM262	General Chemistry 2 (if no RLC CHE1104)	4
ENGR305	Engineering Statistics	3
ENGR362	Manufacturing	3
ENGR375	Fluid Mechanics	3
ME366	Dynamics of Machinery	3
ME364	Materials Science	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
Various	Engineering Electives	6
	Total USI Hours	51

Table 5. USI Engineering BSEE Courses Year 3 and 4

Course ID	Course Name	Hours
ENGR291	Experimental Design & Technical Writing	2
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	3
ECE445	Signals and Systems	3
ECE311	Electromagnetic Fields	3
ENGR335	Engineering Economics	3
ECE471	Electrical Systems Integration	3
MATH362	Linear Algebra	3
Various	ECE Electives	11
ENGR491	Senior Design	3
	Total USI Hours	50