



Effective Date: August 16, 2014

Statement of Intent: The purpose of this memo is to facilitate the transfer of students' course credit from

... for an engineering degree program at IUS. Table 1 lists the courses.

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Dr. Zane Mitchell, Dean

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Dr. Russ Baker, VP

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

University of Southern Indiana Courses				Ivy Tech Courses				
Prefix	Num.	Name	cr.		Prefix	Num.	Name	cr.
ENGR	108	Systems Engr. and Fr. Design	2	=	ENGR	190	Introduction to Engineering Design	2
ENGR	1-xx	Engineering Elective	3	=	ENGR	140	Engineering Software Tools I (C++)	3
ENGR	101	First Year Experience	1	=	IVYT	1VV	Student Success Elective	1

Table 2. USI Engineering BSE Courses Year 3 and 4

Course ID	Course Name	Hours
ENG201	Rhetoric and Composition II	3
ENGR291	Experimental Design & Technical Writing	2
ME225	Thermodynamics	3
ENGR275	Dynamics	3
ENGR305	Engineering Statistics	3
ENGR355	Strength of Materials	4
ENGR335	Engineering Economics	3
ENGR375	Fluid Mechanics	3

ENGR491	Senior Design	3	
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Table 3. USI Engineering BSME Courses Year 3 and 4

Course ID	Course Name	Hours
ENG201	Rhetoric and Composition II	3
ENGR291	Experimental Design & Technical Writing	2
Various	MATH Intensive Elective	3
Various	SCIENCE Elective	3
ENGR275		2

Table 4. USI Engineering BSMFE Courses Year 3 and 4

Course ID	Course Name	Hours
ENG201	Rhetoric and Composition II	3
ENGR201	Experimental Design & Technical Writing	2

ME225	Thermodynamics		3
ENGR275	Dynamics	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	
ENGR335	Engineering Economics	3	
TECH367	Advanced Manufacturing	3	
ENGR382	SCADA Systems Design	3	
ME466	Machine Design	3	
ENGR381	Advanced Statistical Quality Control	2	

Table 5. USI Engineering BSEE Courses Year 3 and 4

Course ID	Course Name	Hours
ENG201	Rhetoric and Composition	3
ENGR291	Experimental Design & Technical Writing	2
ENGR217	Principles of Computer Programming	1

ECE343 Electronic Devices

4