Ouachita Baptist University - University of Arkansas Industrial Engineering Transfer Guide

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	ODII."	Ouachita Baptist University	TT.		TI - 6 A "	University of Arkansas	TT -
	OBU#	Title	Hours	•_	U of A #	Title	Hours
	1		ore Req			. 170	
General Education Curriculum		Math prerquisites: While not part of engineering of should follow math placement testing and advising r				etry skills are critical to success in Calculus. Students	
	Common	should follow math placement testing and advising i	recommenda	itions at	their initial school.	I	
	CORE 1002	OBU Connections	2		Non-Transferable		
	CORE 1023	Contemporary World	3	\Rightarrow	HUMN 199T	Humanities Transfer Credit (Elective)	3
	CORE 1043	Composition I	3	\Rightarrow	ENGL 1013	Composition I	3
	CORE 1113	Survey of the Bible	3	\Rightarrow	HUMN 199T	Humanities Transfer Credit (Elective)	3
	CORE 1123 CORE 2213	Interpreting the Bible Wester Civilization in Global Context	3	\Rightarrow	Non-Transferable HIST 1113	Institutions & Ideas of World Civilizations I	3
	CORE 2233	World Literature	3	\Rightarrow	WLIT 1113	World Literature I	3
	Flex						-
	COMM 1003	Fundamentals of Public Speaking	3	\Rightarrow	COMM 1313	Public Speaking	3
	FINA 3xx3	Fine Arts	3	\Rightarrow	**** 1003	Fine Arts Transfer Credit (category a)	3
	PSCI 2013	American National Government Language	3 6		PLSC 2003 HUMN 199T	American National Government Humanities Transfer Credit (Elective)	3 6
	KIN 1002	Wellness	2	\Rightarrow	PBHL 199T	PBHL Transfer Course	2
	Experiential		_		. 2	- Bill Hariston Odanos	_
	FINA 4011	Arts Engagement Series	1		Non-Transferable	•	
		Total Hours	38			Total Hours	32
		Additiona	l Degree	e Req	uirements **		
Out-of-Department Curriculum	MATH 2014	Calculus I	4		MATH 2554	Calculus I	4
	MATH 2024	Calculus II	4		MATH 2564	Calculus II	4
	MATH 3034	Calculus III Differenial Equations	3	\Rightarrow	MATH 2574	Calculus III	4
	MATH 3043 MATH 3093	Diπereniai Equations Linear Algebra	3		MATH 2584 MATH 3083	Differential Equations Linear Algebra (Technical Elective)	3
	CHEM 1004	General Chemistry I	4	\Rightarrow	CHEM 1103/1101	University Chemistry I	4
	CHEM 1014	General Chemistry II	4	\Rightarrow	CHEM 1123/1121	University Chemistry II	4
	ECON 2013	Principles of Macroeconomics	3	\Rightarrow	ECON 2013	Principles of Macroeconomics	3
ŧ ~	CODE 4052	0	2		ENO. 4000	Social Science Course**	3
0	CORE 1053 CSCI 1044	Composition II Computer Programming I	3	\Rightarrow	ENGL 1023 CSCE 2004	Composition II Programming Foundations I	4
	0001 1044	Total Hours			000L 2004	Total Hours	39
		Engineering Physics/Indu	ustrial F	ngine	ering Degree F	Requirements	
	Courses Likely	to be Taken At Ouachita		8		NEG Requirements at Arkansas	
iculum	PHYS 1121	Intro to Physics & Enginnering	1		Non-Transferable		
	PHYS 2054	University Physics I	4	\Rightarrow	PHYS 2054	University Physics I	4
	PHYS 2064	University Physics II	4	\Rightarrow	PHYS 2074	University Physics II	4
	PHYS 3004	Intro to Modern Physics	4	\Rightarrow	PHYS 399T	Physics Transfer Credit (Elective)	4
	PHYS 2123 PHYS 1112	Statics Engineering Graphics	3	\Rightarrow	MEEG 2003 GNEG 199T	Statics GNEG Transfer Credit (Elective)	2
	PHYS 4601	Senior Capstone Experience	1	\rightarrow	Non-Transferable	GIVEO Transier Credit (Elective)	
<u> </u>		ng Transfer Equvalent from Arkansas			Courses Taken At Arkansas		
Ö	PHYS 2133	Dynamics		\downarrow	Equvalent Course (nt Course Credit Assigned from INEG List Below	
Physics / Industrial Engineering Departments Curriculum	PHYS 3034	Electricity and Magnetism		\parallel	Equvalent Course (ent Course Credit Assigned from INEG List Below	
	PHYS 3123	Electric Circuits	20		Equvalent Course (alent Course Credit Assigned from INEG List Below	
	PHYS 3131 PHYS 4003	Electric Circuits Lab Mechanics	20		Fauvalent Course (nt Course Credit Assigned from INEG List Below	
	PHYS XXX3	Course in Physics (Jr/Sr)		1		Credit Assigned from INEG List Below	
	PHYS XXX3	Course in Physics (Jr/Sr)		₩	Equvalent Course Credit Assigned from INEG List Below		
						G Required Courses	
						Introduction to Engineering I (Exempt*)	
			 		ELEG 3903 MEEG ***3	Electric Circuits and Machines MEEG Menu Elective	3
					CHEG/MEEG ***3		3
	NOTES				INEG 2001	Industrial Engineering Seminar	1
		<u> </u>			INEG 2103		3
tria	7 hours of Elective	ve Credits will be needed to graduate from				Introduction to Industrial Engineering	
lustria	7 hours of Electiv Ouachita. These	ve Credits will be needed to graduate from elective hours can come from INEG or other	7		INEG 2403	Industrial Cost Analysis	3
Industria	7 hours of Elective		7		INEG 2403 INEG 2313	Industrial Cost Analysis Applied Prob and Stat for Engineers I	3
s / Industria	7 hours of Electiv Ouachita. These courses.	elective hours can come from INEG or other	7		INEG 2403 INEG 2313 INEG 2333	Industrial Cost Analysis Applied Prob and Stat for Engineers I Applied Prob and Stat for Engineers II	3 3 3
sics / Industria	7 hours of Electiv Ouachita. These courses. * Transfer studer	elective hours can come from INEG or other Ints with calculus, chemistry and physics credit	7		INEG 2403 INEG 2313 INEG 2333 INEG 2413	Industrial Cost Analysis Applied Prob and Stat for Engineers I Applied Prob and Stat for Engineers II Engineering Economic Analysis	3 3 3 3
ıysics / Industria	7 hours of Electiv Ouachita. These courses. * Transfer studer are given an exc	elective hours can come from INEG or other Ints with calculus, chemistry and physics credit eption from the intro courses. A student who	7		INEG 2403 INEG 2313 INEG 2333	Industrial Cost Analysis Applied Prob and Stat for Engineers I Applied Prob and Stat for Engineers II Engineering Economic Analysis Manufacturing Design Simulation	3 3 3
Physics / Industria	7 hours of Electiv Ouachita. These courses. * Transfer studer are given an exc has completed the	elective hours can come from INEG or other Ints with calculus, chemistry and physics credit eption from the intro courses. A student who he courses on the OBU advising guide will be	7		INEG 2403 INEG 2313 INEG 2333 INEG 2413 INEG 2513 INEG 3623 INEG 3613	Industrial Cost Analysis Applied Prob and Stat for Engineers I Applied Prob and Stat for Engineers II Engineering Economic Analysis Manufacturing Design Simulation Introduction to Operations Research	3 3 3 3 3 3
ing Physics / Industria	7 hours of Electiv Ouachita. These courses. * Transfer studer are given an exc has completed the	elective hours can come from INEG or other Ints with calculus, chemistry and physics credit eption from the intro courses. A student who	7		INEG 2403 INEG 2313 INEG 2333 INEG 2413 INEG 2513 INEG 3623 INEG 3613 INEG 3713	Industrial Cost Analysis Applied Prob and Stat for Engineers I Applied Prob and Stat for Engineers II Engineering Economic Analysis Manufacturing Design Simulation Introduction to Operations Research Methods and Standards	3 3 3 3 3 3 3
ering Physics / Industria	7 hours of Electiv Ouachita. These courses. * Transfer studer are given an exc has completed tr able to go straigh	elective hours can come from INEG or other Ints with calculus, chemistry and physics credit eption from the intro courses. A student who he courses on the OBU advising guide will be not into the INEG program.	7		INEG 2403 INEG 2313 INEG 2333 INEG 2413 INEG 2513 INEG 3623 INEG 3613 INEG 3713 INEG 4433	Industrial Cost Analysis Applied Prob and Stat for Engineers I Applied Prob and Stat for Engineers II Engineering Economic Analysis Manufacturing Design Simulation Introduction to Operations Research Methods and Standards Systems Engineering and Management	3 3 3 3 3 3 3
ineering Physics / Industria	7 hours of Electiv Ouachita. These courses. * Transfer studer are given an exc has completed tr able to go straigh ** One more Soc	elective hours can come from INEG or other Ints with calculus, chemistry and physics credit eption from the intro courses. A student who he courses on the OBU advising guide will be not into the INEG program. Interval in the INEG program.	7		INEG 2403 INEG 2313 INEG 2333 INEG 2413 INEG 2513 INEG 3623 INEG 3613 INEG 3713 INEG 4433 INEG 4453	Industrial Cost Analysis Applied Prob and Stat for Engineers I Applied Prob and Stat for Engineers II Engineering Economic Analysis Manufacturing Design Simulation Introduction to Operations Research Methods and Standards Systems Engineering and Management Production Planning and Control	3 3 3 3 3 3 3 3 3
ngineering Physics / Industria	7 hours of Electiv Ouachita. These courses. * Transfer studer are given an exc has completed tr able to go straigh ** One more Soc This course can	elective hours can come from INEG or other Ints with calculus, chemistry and physics credit eption from the intro courses. A student who he courses on the OBU advising guide will be not into the INEG program. Into the INEG program.	7		INEG 2403 INEG 2313 INEG 2333 INEG 2413 INEG 2513 INEG 3623 INEG 3613 INEG 3713 INEG 4433 INEG 4553 INEG 4723	Industrial Cost Analysis Applied Prob and Stat for Engineers I Applied Prob and Stat for Engineers II Engineering Economic Analysis Manufacturing Design Simulation Introduction to Operations Research Methods and Standards Systems Engineering and Management Production Planning and Control Ergonomics	3 3 3 3 3 3 3 3 3 3
Engineering Physics / Industria	7 hours of Electiv Ouachita. These courses. * Transfer studer are given an exc has completed tr able to go straigh ** One more Soc This course can one of the follow	elective hours can come from INEG or other Ints with calculus, chemistry and physics credit eption from the intro courses. A student who he courses on the OBU advising guide will be not into the INEG program. Lial Science Credit will be needed at Arkansas, be transferred from Ouachita if selected from ing courses:	7		INEG 2403 INEG 2313 INEG 2333 INEG 2413 INEG 2513 INEG 3623 INEG 3613 INEG 3713 INEG 4433 INEG 4553 INEG 4723 INEG 4904	Industrial Cost Analysis Applied Prob and Stat for Engineers I Applied Prob and Stat for Engineers II Engineering Economic Analysis Manufacturing Design Simulation Introduction to Operations Research Methods and Standards Systems Engineering and Management Production Planning and Control Ergonomics Industrial Engineering Design	3 3 3 3 3 3 3 3 3
Engineering Physics / Industria	7 hours of Electiv Ouachita. These courses. * Transfer studer are given an exc has completed tr able to go straigh ** One more Soc This course can	elective hours can come from INEG or other Ints with calculus, chemistry and physics credit eption from the intro courses. A student who he courses on the OBU advising guide will be not into the INEG program. Into the INEG program.			INEG 2403 INEG 2313 INEG 2333 INEG 2413 INEG 2513 INEG 3623 INEG 3613 INEG 3713 INEG 4433 INEG 4553 INEG 4723	Industrial Cost Analysis Applied Prob and Stat for Engineers I Applied Prob and Stat for Engineers II Engineering Economic Analysis Manufacturing Design Simulation Introduction to Operations Research Methods and Standards Systems Engineering and Management Production Planning and Control Ergonomics	3 3 3 3 3 3 3 3 3 4
Engineering Physics / Industria	7 hours of Electivo Ouachita. These courses. * Transfer studer are given an exchas completed trable to go straight ** One more Soc This course can one of the follow ECON 2023	elective hours can come from INEG or other Ints with calculus, chemistry and physics credit eption from the intro courses. A student who he courses on the OBU advising guide will be not into the INEG program. Icial Science Credit will be needed at Arkansas. be transferred from Ouachita if selected from ing courses: Principles of Microeconomics General Psychology General Sociology	3 3 3		INEG 2403 INEG 2313 INEG 2333 INEG 2413 INEG 2513 INEG 3623 INEG 3613 INEG 3713 INEG 4433 INEG 4553 INEG 4723 INEG 4904 INEG 4**3	Industrial Cost Analysis Applied Prob and Stat for Engineers I Applied Prob and Stat for Engineers II Engineering Economic Analysis Manufacturing Design Simulation Introduction to Operations Research Methods and Standards Systems Engineering and Management Production Planning and Control Ergonomics Industrial Engineering Design INEG Technical Electives Technical Electives (1 could be Linear Alg.)	3 3 3 3 3 3 3 3 3 4 12 6
Engineering Physics / Industria	7 hours of Electiv Ouachita. These courses. * Transfer studer are given an exc has completed the able to go straight ** One more Soc This course can one of the follow ECON 2023 PSYC 1013	elective hours can come from INEG or other Ints with calculus, chemistry and physics credit eption from the intro courses. A student who he courses on the OBU advising guide will be not into the INEG program. Into the INEG program program program program program progr	3 3		INEG 2403 INEG 2313 INEG 2333 INEG 2413 INEG 2513 INEG 3623 INEG 3613 INEG 3713 INEG 4433 INEG 4553 INEG 4723 INEG 4904 INEG 4**3	Industrial Cost Analysis Applied Prob and Stat for Engineers I Applied Prob and Stat for Engineers II Engineering Economic Analysis Manufacturing Design Simulation Introduction to Operations Research Methods and Standards Systems Engineering and Management Production Planning and Control Ergonomics Industrial Engineering Design INEG Technical Electives	3 3 3 3 3 3 3 3 3 4 12