

Arkansas State University - Jonesboro
Degree: Bachelor of Science
Major: Technology Emphasis: Manufacturing Industrial
2012-13

Students requiring developmental course work based on low entrance exam scores (ACT, SAT, ASSET, COMPASS) may not be able to complete this program of study in eight (8) semesters. Developmental courses do not count toward total degree hours. **Students having completed college level courses prior to enrollment will be assisted by their advisor in making appropriate substitutions. In most cases, general education courses may be interchanged between semesters.** A minimum of 45 hours of upper division credit (3000-4000 level) is required for this degree. Mandatory state and institutional assessment exams will be required during your degree program. ***Failure to participate in required assessments may delay graduation.***

Year 1				Year 1			
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
ENG 1003	Composition I	3	X	ENG 1013	Composition II	3	X
SCOM 1203	Oral Communication	3	X	ECON 2313	Principles of Macroeconomics	3	X
MATH 1023	College of Algebra	3	X	PHY 2054	General Physics I	4	X
ANTH 2233 or HIST 1013/1023 or GEOG 2613	Intro to Cultural Anthropology or World Civilization to/since 1660 or Intro to Geography	3	X	ENG 2003 or ENG 2013 or PHIL 1103	Intro to Lit I or Intro to Lit II or Intro to Philosophy	3	X
Elective	General / career elective 1	3		Art 2503 or Mus	Fine Arts Visual or Musical or	3	X
Total Hours		15		Total Hours		16	
Year 2				Year 2			
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
BIOL 1001	Laboratory for Biological Science	1	X	TECH 4843	Labor relations	3	
BIOL 1003	Biological Science	3	X	TECH 3843	Manuf Materials and Processes	3	
HIST 2763/2773 or POSC 2103	US History to or since 1876 or Intro to US Government	3	X	ENG 3043	Technical Writing	3	
TECH 2863	Principles of Technology	3		TECH ELECTIVE	TECH JR/SR ELECTIVE 3	3	
TECH ELECTIVE	TECH JR/SR ELECTIVE 1	3		TECH ELECTIVE	TECH JR/SR ELECTIVE 4	3	
TECH ELECTIVE	TECH JR/SR ELECTIVE 2	3					
Total Hours		16		Total Hours		15	
Year 3				Year 3			
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
TECH 3773	Statistics	3		TECH 4823	Quality Assurance	3	
TECH 4813	Operations Systems Research	3		TECH 4883	Work Center Management	3	
TECH 3823	Mechanics I	3		CIT 3013	Management Information Systems	3	
Elective	General / career elective 2	3		TECH 4873	Motion and Time Study	3	
Elective	General / career elective 3	3		TECH 3813	Programmable Logic Control	3	
Total Hours		15		Total Hours		15	
Year 4				Year 4			
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
RET 3113	Fundamentals and Applications of Renewable Energy	3		MGMT 3123	Organizational Behavior	3	
TECH 3863	Industrial Safety	3		TECH 4853	Lean 6 Sigma for Manufacturing	3	
TECH 3833	Mechanics II	3		TECH 3803	Electrical Systems	3	
TECH 3873	Tool Design OR TECH 3883, Machine Design	3		Elective	General / career elective 5	4	
Elective	General / career elective 4	3					
Total Hours		15		Total Hours		13	

Total Jr/Sr Hours after 1st 30

45

Total Degree Hours

120

Graduation Requirements:

Completion of HIST 2763 or HIST 2773 or POSC 2103

English Proficiency (Grade of C or better in ENG 1003 and ENG 1013)

Grade C or better in all Technology Core courses

2.00 GPA at ASU

2.00 GPA Overall

Maximum of 31 credit hours via correspondence, extension, examination, PLA, Military or similar means; CLEP (30 hrs max)

45 JR/SR Hours **after completing 30 hours**

124 Total Credit Hours

18 of last 24 hours must be ASU-Jonesboro courses

Minimum of 57 hours from 4-year institutions

32 Resident Hours if completing second degree and first degree was not from ASU-J