

Arkansas State University - Jonesboro							
Degree: Bachelor of Science							
Major: Technology Emphasis: Computer Aided Drafting and Design							
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. <u>Failure to participate in required assessments may delay graduation.</u>							
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	MATH 1033	Plane Trigonometry	3	
ANTH 2233 or HIST 1013 or 1023 or GEOG 2613	Intro to Cultural Anthropology or World Civilization to 1660 or World Civilization 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
TECH 1453	Beginning Solid Modeling Key	3		Art 2503 or Mus	Fine Arts Visual or Musical or	3	X
Total Hours		15		Total Hours		15	
Year 2				Year 2			
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
TECH 2453	Technology Design Solid Works I	3		BIOL 1001	Laboratory for Biological Science	1	X
PHY 2054	General Physics I	4	X	BIOL 1003	Biological Science	3	X
TECH 2863	Principles of Technology	3		TECH 3843	Manuf Materials and Processes	3	
ELECTIVE	Elective 1	3		ENG 3043	Technical Writing	3	
HIST 2763/2773 or POSC 2103	US History to or since 1876 or Intro to US Government	3	X	TECH 3453	Advance Technology Design - SolidWorks II	3	
Total Hours		16		Total Hours		16	
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 4853	Lean 6 Sigma for Manufacturing	3	
TECH 3853	CAM (Computer Aided Manufacturing) or TECH 3423	3		CIT 3013	Management Information Systems	3	
TECH 3413	Auto CAD/Inventor	3		TECH 4883	Work Center Management	3	
ELECTIVE 3	Elective 3	3		ELECTIVE 4	Elective 4	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 3433	ACAD 3D MODELING	3	
TECH 3403	PRO/E	3		TECH 4083	MASTERCAM II	3	
TECH 3473	Tool Design	3		ELECTIVE 5	Elective 5	4	
TECH 4003	ACAD 2d	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							