Arkansas State University - Jonesboro
Degree: Bachelor of Science
Major: Engineeing Technology   Emphasis: Computer Aided Drafting and Design
2021-22

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 minumum 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		**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
UC 1013	Making Connections (or equivalent	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
PHY 2054	General Physics I	4	X		**BIOL 1001**	Laboratory for Biological Science	1	X
TECH 2703	Technical Graphics and AutoCAD	3			**BIOL 1003**	Biological Science	3	X
TECH 2863	Principles of Technology	3			**TECH 4823**	Quality Assurance	3	
TECH 3773 or STAT 3232	Statistics **or** Applied Statistics	3			**HIST 2763/2773 or POSC 2103**	US History to **or** since 1876 **or** Intro to US Government	3	X
ELECTIVE	Elective 1	3			**TECH 4743**	Computer Numeric Control	3	
					ELECTIVE	Elective 2	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
RET 3113	Fundamentals and Applications of Renewable Energy	3			**TECH 3853**	CAM (Computer Aided Manufacturing)	3	
TECH 4813	Operations Systems Research	3			**TECH 4853**	Lean 6 Sigma for Manufacturing	3	
TECH 3413	Auto CAD/Inventor	3			**TECH 3433**	AutoCAD 3D Modeling	3	
TECH 3453	Advance Technology Design - SolidWorks	3			**TECH 4883**	Work Center Management	3	
ELECTIVE	Elective 3	3			**ELECTIVE**	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
TECH 3863	Industrial Safety	3			**TECH 3843**	Manuf Materials and Processes	3	
MGMT 3123	Organizational Behavior	3			**TECH 3473**	Tool Design	3	
ENG 3043	Technical Writing	3			**TECH 4873**	Motion and Time Study	3	
ISBA 3013	Management Information Systems	3			**ELECTIVE**	Elective 6	4	
ELECTIVE	Elective 5	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 25% of the degree program via examination, PLA, Military or similar means; CLEP (30 hrs max)	
45 JR/SR Hours **after completing 30 hours**	
120 Total Credit Hours	
18 of last 24 hours must be ASU-Jonesboro courses	
Complete half of the last 50% of semester hours through the A-State campus	