

**Associate of Applied Science (A.A.S.)  
General Technology  
(Emphasis: Automated and Robotic Engineering)**



First Semester		
Course Number	Course Title	Credit Hours
EN1003	Intro to Engineering	3
MATH1003	Technical Math*	3
MD1113	Motor Controls	3
MD2603	Industrial Safety	3
MIS1003	Introduction to Computers	3
	<b>Total Hours</b>	<b>15</b>

Second Semester		
Course Number	Course Title	Credit Hours
EN1023	Engineering Concepts I	3
EN1033	Digital Logic	3
ENGL1113	Composition I	3
MD1003	Computer Integrated Mfg I	3
MD1403	Basic Blueprint Reading	3
	<b>Total Hours</b>	<b>15</b>

Third Semester		
Course Number	Course Title	Credit Hours
CO2213	Technical Writing*	3
EM2924	Programmable Logic Controller	4
EN2023	Engineering Concepts II	3
EN2034	Fundamentals of CAD	4
	<b>Total Hours</b>	<b>14</b>

Fourth Semester		
Course Number	Course Title	Credit Hours
EM2963	PLC for Engineering	3
EN2043	Robotic Applications	3
EN2053	Mechatronics	3
PHYS2003 and PHYS2001	College Physics and College Physics Lab	4
GEOG2003 or PSYC2003 or SOC2003	Social Science Elective (Introduction to Geography or General Psychology or Introduction to Sociology)	3
	<b>Total Hours</b>	<b>16</b>

**Total Requirements: 60**

\*Students wishing to transfer course work in this degree to Southern Arkansas University for the B.S. in Engineering Physics - Industrial Technology Option must take Composition II and College Algebra.

Completion Time: Two Years

Cost Per Year (tuition and fees): In state: \$5,378 / Out of State: \$6,818

Complete Program Cost (tuition and fees): In State: \$10,755 / Out of State: \$13,635