



SouthArk Guided Pathway to Success (GPS)

ACADEMIC MAP: Industrial Technology-Mechatronics (Program of Study)

Full-Time Part-Time

Student Name		Student ID		Student Phone #	
Advisor Name		Advisor E-mail		Advisor Phone #	
Program Description	The Industrial Technology program is designed by the advisory committee to meet industry requirements. Successful completion will equip students with the technical skills necessary to maintain, repair, troubleshoot, and manage modern maintenance programs in industrial plants, warehouses, hospitals, schools, and government buildings. Specific topics of coverage include fluid power and controls, gear and belt-drive systems, electric motors and control systems, programmable logic controls, and process controls. Classes are designed in lecture and lecture-lab format to give the student a solid foundation in general maintenance skills.				
Program Requirements	61 credit hours				
Link to Program Webpage	http://www.southark.edu/academics/career-and-technical-education/industrial-technology-mechatronics				
Career Opportunities					
Transfer Paths and Requirements	The AAS in Industrial Technology will transfer to Southern Arkansas University's BS degree program in Engineering Physics. More information can be found at http://www.southark.edu/student-services/transfer-information				
Expected Award upon Program Completion	<input type="checkbox"/> CP <input type="checkbox"/> TC <input type="checkbox"/> AA <input type="checkbox"/> AS <input checked="" type="checkbox"/> AAS				
Date Expected to Graduate	Semester/Year:				

BASIC STUDIES REQUIREMENTS:

Reading: ACT 19 or above (or) ASSET 43 or above (or) COMPASS 83 or above (or) Accuplacer 78 or above (or) complete BSTD 0613 English II.
 Writing: ACT 19 or above (or) ASSET 45 or above (or) COMPASS 80 or above (or) Accuplacer 83 or above (or) complete BSTD 0613 English II.
 Math: ACT 19 or above (or) ASSET Intermediate Algebra Skills 43 or above (or) COMPASS 71 or above (or) Accuplacer 78 or above (or) complete BSTD 0513 Intermediate Algebra.

STUDENT'S SCORES:

SUBJECT	TEST	SCORE
Reading		
Writing		
Math		

STUDENT'S BSTD REQUIREMENTS (Check applicable courses):

<input type="checkbox"/>	BSTD 0603 Eng. I
<input type="checkbox"/>	BSTD 0613 Eng. II
<input type="checkbox"/>	BSTD 0211 Comp. I Lab

<input type="checkbox"/>	BSTD 0413 Elem. Algebra
<input type="checkbox"/>	BSTD 0513 Intermed. Algebra

CHOOSE COURSE PLAN WITH ADVISOR TO ASSURE PROPER ACADEMIC PROGRESSION

FIRST SEMESTER/YEAR: _____ / _____

Course Number	Course Name	Code (see key)	Credit Hours	Grade	Milestones	Actions
SASC 0103	SouthArk Success (SAS)		3		Completion of first semester coursework.	Work to complete Campus Technology before class begins or within the first two weeks. Meet with program director or faculty to discuss status.
SASC 1101	Campus Technology		1			
MECH 1003	Fundamentals of Mechatronics		3			
MECH 1404	Fundamentals of Electricity and Electronics		4			
MECH 1203	Industrial Safety OR		3			
PTEC 1123	Safety, Health, and the Environment					
MATH 1073	Technical Math OR		3			
MATH 1023	College Algebra					
CSCI 1003	Computers and Information Processing		3			
Total			16			

SECOND SEMESTER/YEAR: _____ / _____

Course Number	Course Name	Code (see key)	Credit Hours	Grade	Milestones	Actions
MECH 1414	Electronics and Electrical Circuits		4		Completed second semester coursework.	Apply for scholarships for the next academic year before March 1 st Meet with program director or
MECH 1604	Fluid Power		4			

Key:

F - Only offered in Fall semester	O - Only offered Online	T - Transfer	CP - Certificate of Proficiency	AA - Associate of Arts Degree
S - Only offered in Spring semester	P - Prerequisite to Program	* Critical Course	TC - Technical Certificate	AS - Associate of Science Degree
SU - Only offered in Summer semester	SUB - Substitution			AAS - Associate of Applied Science Degree



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MECH 1804	Intro to Programmable Logic Controllers (PLCs)		4			faculty to discuss status..
MECH 1103	Electrical Drawings		3			
Total			15			

THIRD SEMESTER/YEAR: _____ / _____

Course Number	Course Name	Code (see key)	Credit Hours	Grade	Milestones	Actions
MECH 1111	Student to Work Transition		1		Completed third semester coursework.	Meet with Advisor for update. Meet with program director or faculty to discuss status.
MECH 1504	Digital Electronics		4			
MECH 1904	Industrial Motor Controls		4			
ENGL 1113	Composition I		3			
Elective	Social Science (ECON, PSYC, SOC, HIST, PSCI, GEOG)		3			
Total			15			

FOURTH SEMESTER/YEAR: _____ / _____

Course Number	Course Name	Code (see key)	Credit Hours	Grade	Milestones	Actions
MECH 2803	Industrial Robotics and Robot Programming		3		Completed fourth semester coursework.	Meet with Advisor to apply for graduation. Meet with program director or faculty to discuss job placement.
MECH 2003	Industrial Mechanics and Mechanical Devices		3			
ENGL 1123	Composition II OR		3			
ENGL 2043	Technical Writing for Industry					
Elective	Social Science (ECON, PSYC, SOC, HIST, PSCI, GEOG)		3			
Elective	Choose 3 or more credits from (MECH, PTEC, or WELD)		3			
Total			15			

COMMENTS AND NOTES:

GRADUATION REQUIREMENTS:

SouthArk Credit Hours	
Transfer Credit Hours	
TOTAL CREDIT HOURS	
CUMULATIVE GPA	

Minimum Cumulative GPA of 2.00? (Required)	<input type="checkbox"/>
All Program Courses Completed with a Minimum Grade of 'C' or Higher? (Required)	<input type="checkbox"/>
Any 50% or the last 25% of Total Credit Hours? (Required)	<input type="checkbox"/>

SIGNATURES:

I understand that when seeking a credential, I may be required to enroll in basic studies (BSTD) courses as a result of my test scores in compliance with Arkansas Law, Act 1052, which may take additional semesters for successful completion.

Student: _____

Date: _____

Advisor: _____

Date: _____

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Registrar: _____

Date: _____

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