



2021– 2022 ACADEMIC MAP: Industrial Technology – Mechatronics - AAS

Student Name		Student ID		Student Phone #	
Advisor Name		Advisor E-mail		Advisor Phone #	
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			Sem/Yr Expected to Graduate:	

STUDENT'S REMEDIATION REQUIREMENTS (Write in needed courses based on test scores or transfer work):

COURSE NEEDED	SEMESTER	GRADE	COURSE NEEDED	SEMESTER	GRADE

CHOOSE COURSE PLAN WITH ADVISOR TO ASSURE PROPER ACADEMIC PROGRESSION

FIRST SEMESTER/YEAR: _____ / _____

Course Number	Course Name	Code (see key)	Sem/Yr	Grade	Credit Hours	Milestones	Actions
SASC1101	Campus Technology	O			---	<ul style="list-style-type: none"> ✓ Find a comfortable study place on campus. ✓ Begin making plans to complete your FAFSA for the next academic year. ✓ Complete Campus technology 	
MECH 1003	Fund of Industrial Technology				3		
MECH 1404	Fund of Electricity & Electronics				4		
MECH 1203 PTEC 1123	Industrial Safety OR Safety Health and the Environment				3		
MATH 1073 MATH 1023	Technical Math OR College Algebra				3		
CSCI 1003	Introduction to Computers				3		
Total					16		

SECOND SEMESTER/YEAR: _____ / _____

Course Number	Course Name	Code (see key)	Sem/Yr	Grade	Credit Hours	Milestones	Actions
MECH 1414	Electronics and Electrical Circuits				4	<ul style="list-style-type: none"> ✓ Completed 3 hours of English ✓ Found a good place to study. ✓ Completed the FAFSA. 	<ul style="list-style-type: none"> ✓ Apply for scholarships for the next academic year before March 1st ✓ Look to get involved on campus ✓ Meet with advisory to apply for Technical Certificate in Industrial Technology – Mechatronics
MECH 1604	Fluid Power				4		
MECH 1804	Intro to Programmable Logic Controllers (PLC's)				4		
MECH 1103	Electrical Drawings				3		
Total					15		

THIRD SEMESTER/YEAR: _____ / _____

Course Number	Course Name	Code (see key)	Sem/Yr	Grade	Credit Hours	Milestones	Actions
MECH 1111	Student to Work Transition				1	<ul style="list-style-type: none"> • Became involved on campus. • Applied for scholarships. 	<ul style="list-style-type: none"> •
PHYS 1004/L	The Physical Sciences/Lab				4		
MECH 1904	Industrial Motors Controls				4		
ENGL 1113	Composition I				3		
Elective	Social Science (ECON, PSYC, SOCI, HIST, PSCI, GEOG)				3 +4		
Total					15-16		

FOURTH SEMESTER/YEAR: _____ / _____

Course Number	Course Name	Code (see key)	Sem/Yr	Grade	Credit Hours	Milestones	Actions
MECH 2003	Industrial Mechanics and Mechanical Devices				3	<ul style="list-style-type: none"> GRADUATE with an Associate of Applied Sciences! 	<ul style="list-style-type: none"> Meet with Advisor to apply for Associate of Applied Science. Apply for Transfer Scholarships Attend Transfer Fair Attend Graduation Fair
MECH 1304	Instrumentation				4		
ENGL 1123 ENGL 2043	Composition II OR Technical Writing II				3		
Elective	Social Science (ECON, PSYC, SOCI, HIST, PSCI, GEOG)				3		
Elective	Choose 3 or more credits from (MECH, PTEC*, or WELD*)				3+		
Total					16/17		

*PTEC or WELD can be substituted with approval of division Dean.

COMMENTS AND NOTES:

Program Description	The Industrial Technology-Mechatronics program was designed by the advisory committee to meet industry requirements. Specific topics of coverage will include fluid power and controls, gear and belt-drive systems, electric motors and control systems, programmable logic controls and process control. Classes are designed in lecture and lecture/lab format to give the student a solid foundation in general maintenance skills.
Program Requirements	62 credit hours
Link to Program Webpage	https://www.southark.edu/academics/career-and-technical-education/industrial-technology-mechatronics
Career Opportunities	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
Transfer Paths and Requirements	

REMEDIATION REQUIREMENTS:

Current course placement requirements and applicable remediation can be found in the college catalog.

I understand that when seeking a credential, I may be required to enroll in remediation / co-requisite lab courses as a result of my test scores in compliance with Arkansas Law, Act 1052, which may take additional semesters for successful completion.

SIGNATURES:

Student: _____ **Date:** _____

Advisor: _____ **Date:** _____

Registrar: _____ **Date:** _____

FOR OFFICE USE ONLY - GRADUATION REQUIREMENTS:

SouthArk Credit Hours		TOTAL CREDIT HOURS		Minimum Cumulative GPA of 2.00? (Required)	<input type="checkbox"/>
Transfer Credit Hours		CUMULATIVE GPA		Any 50% or the last 25% of Total Credit Hours? (Required)	<input type="checkbox"/>

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	E - Elective	TC - Technical Certificate	AS - Associate of Science Degree
SU - Only offered in Summer semester	SUB - Substitution	* Critical Course		AAS - Associate of Applied Science Degree