



## 2021 – 2022 ACADEMIC MAP: Industrial Technology – Mechatronics - TC

Student Name		Student ID		Student Phone #	
Advisor Name		Advisor E-mail		Advisor Phone #	
Expected Award upon Program Completion	<input type="checkbox"/> CP <input checked="" type="checkbox"/> TC <input type="checkbox"/> AA <input type="checkbox"/> AS <input 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"> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>✓ Work to complete Campus Technology before class begins or within the first two weeks.</li> <li>✓ Meet with program director or faculty to discuss job placement.</li> <li>✓ Meet with advisor to apply for Certificate in Proficiency in Industrial Technology – Mechatronics</li> </ul>
MECH 1003	Fund of Industrial Technology				3		
MECH 1203 OR PTEC 1123	Industrial Safety OR Safety Health and the Environment				3		
MECH 1404	Fund of Electricity & Electronics				4		
MATH 1073 OR MATH 1023	Technical Math OR College Algebra				3		
CSCI 1003	Introduction to Computers				3		
<b>Total</b>					<b>16</b>		

**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"> <li>✓ Completed 3 hours of English</li> <li>✓ Found a good place to study.</li> <li>✓ Completed the FAFSA.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Apply for scholarships for the next academic year before March 1<sup>st</sup></li> <li>✓ Look to get involved on campus</li> <li>✓ Meet with advisory to apply for Technical Certificate in Industrial Technology – Mechatronics.</li> </ul>
MECH 1604	Fluid Power				4		
MECH 1804	Intro to Programmable Logic Controllers ( PLC's)				4		
MECH 1103	Electrical Drawings				3		
<b>Total</b>					<b>15</b>		

**COMMENTS AND NOTES:**

<b>Program Description</b>	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.
<b>Program Requirements</b>	31 credit hours
<b>Link to Program Webpage</b>	<a href="https://www.southark.edu/academics/career-and-technical-education/industrial-technology-mechatronics">https://www.southark.edu/academics/career-and-technical-education/industrial-technology-mechatronics</a>
<b>Career Opportunities</b>	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
<b>Transfer Paths and Requirements</b>	

**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	
Transfer Credit Hours	

TOTAL CREDIT HOURS	
CUMULATIVE GPA	

Minimum Cumulative GPA of 2.00? (Required)	<input type="checkbox"/>
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

Revised: 9/22/2021