2024 2025

Associate of Applied Science in General Technology – Mechatronics 60 Credit Hours

**GPA Requirement to Graduate = 2.0** This is a planning tool! See your advisor and the College catalog for degree requirement information. Required placement test scores or enrollment in or successful completion of a corequisite English course for all courses unless otherwise noted.

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Term I: Fall	Prerequisites & Notes	Credit Hours	Semester Offered	Semester Taken	Grade
MANF 2024 Mechanical Drives and Bearings	NONE	4	F/S		
*TECH 1003 Introduction to Blueprint Reading	NONE	3	F/S/Sum		
⁺TECH 1013 Shop Essentials	NONE	3	F/S/Sum		
⁺TECH 2013 Fluid Power	NONE	3	F/S		
*TECH 2033 Applied Electricity/Electronics	NONE	3	F/S		
Graduation: Certificate of Proficiency in Mechatronics (courses listed in red complete this certificate) - Complete Intent to Graduate					

Graduation: Certificate of Proficiency in Mechatronics (courses listed in red complete this certificate) – Complete Intent to Graduate!

Student Success: Meet your Advisor – This is someone who will help you complete and could be a good reference for you! Find your advisor in Starfish!

Career Success: Take the Career Assessment to explore careers that match your interests! Questions? CareerServices@asumidsouth.edu

Total Semester Credit Hours 16

Milestone: 15 credit hours successfully completed

## Add CP in Mechatronics Level II using Degree Change Form.

Term II: Spring	Prerequisites & Notes	Credit Hours	Semester Offered	Semester Taken	Grade
MANF 1153 Electric Motor Control Systems	TECH 2033 with C or better	3	F/S		
MANF 1513 Rotating Electrical Equipment	TECH 2033 with C or better	3	F/S		
MANF 2044 Programmable Logic Controllers	TECH 2033 with C or better	4	F/S		
MANF 2223 Advanced Mechanical Drives	MANF 2024 with C or better	3	F/S		
MANF 2253 National Electric Code & Conduit Installation	TECH 2033 with C or better	3	F/S		

Graduation: Certificate of Proficiency in Machinist Level II (courses listed in blue complete this certificate) – Complete Intent to Graduate!

Student Success: Join in at least 1 activity or organization on campus – students who are connected are more successful!

Career Success: Work with Career Services to develop a polished resume.

Total Semester Credit Hours 16
Milestone: 30 credit hours successfully completed

## Add AAS General Technology using Degree Change Form.

Term III: Fall	Prerequisites & Notes	Credit Hours	Semester Offered	Semester Taken	Grade
Graduation Requirement: Apply for Graduation by deadline listed in Academic Calendar. See your Faculty Advisor for help!					
CSUR 1101 College Success	NONE	1	F/S/Sum		
MANF 1433 Advanced Fluid Power Systems	TECH 2013 with C or better	3	F/S		
MANF 2473 Fluid Power Systems Maintenance & Troubleshooting	TECH 2013 with C or better Corequisite: MANF 1433	3	F/S		
MANF 2493 AC/DC Motor Control Systems	MANF 1153 with C or better, TECH 2033 with C or better	3	F/S		
ENGL 1113 English Composition I		3	F/S/Sum		
MATH 1213 Real World Math **		3	F/S/Sum		

Graduation: Certificate of Proficiency in Machinist Level III (courses listed in purple complete this certificate) – Complete Intent to Graduate!

Student Success: Look for leadership opportunities in organizations, Student Government, or Student Ambassadors

Career Success: Apply for Internship or other opportunities in your chosen area.

Total Semester Credit Hours

Milestone: 45 credit hours successfully completed

Term IV: Spring	Prerequisites & Notes	Credit Hours	Semester Offered	Semester Taken	Grade
Graduation Requirement: Take the End of	Program Assessment (WorkKeys). Sign up o	at <u>events.</u>	asumidsouth	n.edu	
Social Science Elective**		3	F/S/Sum		
ENGL 2303 Oral Communication**		3	F/S/Sum		
COMP 1113 Computer Fundamentals		3	F/S/Sum		
MANF 2113 Advanced PLC#	MANF 2044	3	S		

Student Success: Create a plan to finish courses according to your timeline. Your advisor can help!

Career Success: Attend a Career Fair or work with Career Services to explore employment opportunities in your chosen area!

Total Semester Credit Hours 12

Student Name:	Student ID:
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MANF 2113

Advanced PLC#

## Additional Notes

Students requiring SLA or Extended SLA are considered conditionally admitted.
Students who are conditionally admitted must successfully complete, with a cumulative 2.0 GPA, the following courses within the first thirty (30) hours of the AAS General Technology degree: ENGL 1113 English Composition I, required MATH course, and two technical courses.

Acceptance of electives in transfer toward baccalaureate degree requirements at out-of-state institutions is solely at the discretion of the receiving institution. Students planning to transfer elective credit to four-year institutions outside Arkansas should contact the ASU Mid-South Registrar's Office or the Admissions Office of the transfer institution before enrolling in an elective to verify transferability to specific institutions.

Advisor Mr. Atbir (870-733-6826)

General Education Course Substitutions							
Listed	Possible Substitutions	Course Chosen					
MATH 1213 Real World Math**	MATH 1113 College Algebra						
ENGL 2303 Oral Communication**	ENGL 1123 English Composition II						
Social Science Elective**	SOCI 1303 Intro to Sociology POLS 1143 American Government PSYC 1403 Intro to Psychology HIST 2123 U.S. History Before 1877 HIST 2133 U.S. History After 1877						
Secondary Technical Area Substitutions							
Listed	Possible Substitutions	Course Chosen					
	. Coolbie Substitutions	Course Chosen					
*TECH 1003 Intro to Blueprint Reading	. 5551.21 5 5 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Course Chosen					
	These courses are substituted for the hours needed in the secondary	Course Chosen					
Blueprint Reading  *TECH 1013 Shop	These courses are substituted for the	Course Chosen					
*TECH 1013 Shop Essentials	These courses are substituted for the hours needed in the secondary	Course Chosen					

Student Signature:	Date:
Advisor Name:	
Advisor Signature:	
Registrar's Signature:	

another technical area such as

Business, Diesel, Machining, or

Welding.

ASU Mid-South has an agreement that students who complete this associate degree will be able to transfer to the following institution(s) with all courses counting toward the listed degree. Students will be admitted to the transfer institution with full junior classification.

 Arkansas State University: Bachelor of Applied Science in Organizational Supervision

For more information, see the ASU Mid-South link at <a href="https://www.astate.edu/info/admissions/undergraduate/transferring-to-asu/22-partner-institutions/">https://www.astate.edu/info/admissions/undergraduate/transferring-to-asu/22-partner-institutions/</a>