

2023 2024	Associate of Applied Science in General Technology – Mechatronics Concentration 60 Credit Hours
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GPA Requirement to Graduate = 2.0

This worksheet is only a planning tool for your degree. See your advisor and the College catalog for degree requirement information.

Declare CP in Mechatronics Level I as degree.

Term I: Fall	Prerequisites & Notes	Credit Hours	Semester Offered	Semester Taken	Grade
MANF 2024 Mechanical Drives and Bearings		4	F/S		
+TECH 1003 Introduction to Blueprint Reading		3	F/S/Sum		
+TECH 1013 Shop Essentials		3	F/S/Sum		
+TECH 2013 Fluid Power		3	F/S		
+TECH 2033 Applied Electricity/Electronics		3	F/S		
Total Semester Credit Hours		16			

Milestone: 15 credit hours successfully completed CP in **Mechatronics Level I (red)**

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 and Conduit Installation	TECH 2033 with C or better	3	F/S		
Total Semester Credit Hours		16			

Milestone: 30 credit hours successfully completed CP in **Mechatronics Level II (blue)**

Add AAS General Technology using Degree Change Form.

Term III: Fall	Prerequisites & Notes	Credit Hours	Semester Offered	Semester Taken	Grade
<i>Graduation Requirement: Apply for Graduation by deadline listed in Academic Calendar. See your Faculty Advisor for help!</i>					
CSUR 1101 College Success		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	Required placement test scores or enrollment in corequisite developmental course(s).	3	F/S/Sum		
MATH 1213 Real World Math **	Required placement test scores or enrollment in corequisite developmental course(s).	3	F/S/Sum		
Total Semester Credit Hours		16			

Milestone: 45 credit hours successfully completed CP in **Mechatronics Level III (purple)**

Term IV: Spring	Prerequisites & Notes	Credit Hours	Semester Offered	Semester Taken	Grade
<i>Graduation Requirement: Take the End of Program Assessment (WorkKeys). Sign up at https://www.asumidsouth.edu/testing-sign-up/</i>					
Social Science Elective**	Required placement test scores or enrollment in corequisite developmental course(s).	3	F/S/Sum		
ENGL 2303 Oral Communication**	Required placement test scores or enrollment in corequisite developmental course(s).	3	F/S/Sum		
COMP 1113 Computer Fundamentals	Required placement test scores or enrollment in corequisite developmental course(s).	3	F/S/Sum		
MANF 2113 Advanced PLC#	MANF 2044	3	S		
Total Semester Credit Hours		12			

Congratulations! AAS Degree completed.

Student Name: _____

Student ID: _____

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.

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
+TECH 1003 Intro to Blueprint Reading	These courses are substituted for the hours needed in the secondary technical area.	
+TECH 1013 Shop Essentials		
+TECH 2013 Fluid Power		
+TECH 2033 Applied Electricity/Electronics		
MANF 2113 Advanced PLC#	3 credit hours may be chosen from another technical area such as Business, Diesel, Machining, or Welding.	

Student Signature: _____ Date: _____

Advisor Name: _____

Advisor Signature: _____

Registrar's Signature: _____

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 <https://www.astate.edu/info/admissions/undergraduate/transferring-to-asu/22-partner-institutions/>