

Mechatronics Technology, AAS

Academic Map



FIRST SEMESTER

COURSE	NOTES	CREDITS	MC
ENGL 1010 English Composition I		3	
PICK ONE: MATH Elective		3	
MECH 1310 Electrical Components		3	
MECH 1320 Mechanical Components		3	
MECH 1330 Electro-Pneumatic and Hydraulic Control Circuits		3	
SEMESTER CREDITS		15	

SECOND SEMESTER

COURSE	NOTES	CREDITS	MC
MECH 1340 Digital Fundamentals and PLCS		3	
MECH 2320 Motor Control		3	
CENT 1310 Computer Systems and Software	May substitute INFS 1010	3	
SEMESTER CREDITS		13	

PHYS 2010 Non-Calculus Physics I	May substitute PSCI 1010 Prereq: MATH 1710 MATH 1720 MATH 1740 MATH 1830	4
SEMESTER CREDITS		13

THIRD SEMESTER

COURSE	NOTES	CREDITS	MC
PICK ONE: Humanities/Fine Arts		3	
MECH 2440 Process Control Technologies	Prereq: MECH 1310	3	
MECH 2480 Automation Systems		3	
MECH 2441 Introduction to Totally Integrated Automation	May substitute MECH 2442	3	
SEMESTER CREDITS		15	

FOURTH SEMESTER

COURSE	NOTES	CREDITS	MC
PICK ONE: Social/Behavioral Sciences		3	
MECH 2425 Mechanics and Machine Elements		4	
Technical Elective	See General Advising Notes	3	
Technical Elective II	See General Advising Notes	3	
MECH 2490 Manufacturing Application	May substitute MECH 2495	4	
SEMESTER CREDITS		17	



To stay on track, these courses must be taken in order.

General Advising Notes

Info Here

This program is **not** designed to transfer.

i General Advising Notes

Technical Electives*

MECH 1350
MECH 2381
IPCT 1300
IPCT 1320
WELD 1381
ENST 1313
ENTC 1124
CENT 1320
MEET 1144
MEET 1230
ETEC 2302
MEET 2210
CITC 1320
CITC 1323

Any former AIIT Class not listed above.

Math Elective**


MATH 1630
MATH 1710
MATH 1830

General Education Electives***

It is recommended that if the student is planning to transfer to another school that PHYS 2010 Non-Calculus-Based Physics I is taken.

ENGL1010 and ENGL 0810
ACAD 1100 and READ 0810
MATH 1530 and MATH 0530

Contact Us

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Milestone Courses

Based on prior students' experience, students who do well in these courses are more likely to graduate on time in this program.