

ASSOCIATE OF SCIENCE IN MECHATRONICS

Degree Requirements for the AS in Mechatronics

Code	Title	Hours
General Education Short-Term Certificate		
EN 111	First-Year Composition I	3
EN 112	First Year Composition II	3
COM 201	Fundamentals of Speech	3
Literature elective		3
PHL 205	Ethics	3
or PHL 250	Business Ethics	
MA 112	College Algebra	3
Natural Science elective ¹		4
9 hours of Social and Behavioral Science electives		9
Total Hours		31
Mechatronics Core Courses: ²		
MEC 101	Industrial Safety	3
MEC 110	Instrumentation and Industrial Measurement	4
MEC 140	AC and DC Fundamentals and Circuits	4
Choose 2 of the following Certificates:		
Certificate in Control Systems (https://catalog.una.edu/undergraduate/colleges-programs/workforce-development/cert-control-systems/)		
Certificate in Mechanical Systems (https://catalog.una.edu/undergraduate/colleges-programs/workforce-development/cert-mechanical-systems/)		
Certificate in Systems Operations (https://catalog.una.edu/undergraduate/colleges-programs/workforce-development/cert-systems-operations/)		
Total Hours		62-65

¹ CH 111 General Chemistry and CH 111L General Chemistry Laboratory recommended.

² The Mechatronics core courses are required for each certificate, but only need to be completed one time towards the completion of this degree.