

# Mechatronics Engineering Technology



Associate in Applied Science

Program [Mechatronics Engineering Technology](#)

Program Code A40350

## RECOMMENDED COURSE SEQUENCE

Fall Semester - Year One			
Course Code	Course Title	Credits	Notes
ACA-111	College Student Success	1	
ENG-111	Writing and Inquiry	3	
ELC-131	Circuit Analysis I	4	
DFT-152	CAD II	3	
ISC-112	Industrial Safety	2	
ATR-115	Introduction to Mechatronics	4	

Spring Semester - Year One			
Course Code	Course Title	Credits	Notes
ATR-112	Introduction to Automation	3	
ELC-135	Electrical Machines	3	
ELN-133	Digital Electronics	4	
ENG-112	Writing and Research in the Disciplines	3	
HYD-110	Hydraulics/Pneumatics I	3	

Summer Semester - Year One			
Course Code	Course Title	Credits	Notes
MAT-121	Algebra/Trigonometry I	3	
	Humanities/Fine Arts Elective AAS (3 credits)	3	
ECO-251	Principles of Microeconomics	3	

Fall Semester - Year Two			
Course Code	Course Title	Credits	Notes
ELC-117	Motors and Controls	4	
ELC-213	Instrumentation	4	
ELC-136	Electrical Machines II	4	
ELN-260	Prog Logic Controllers	4	

Spring Semester - Year Two			
Course Code	Course Title	Credits	Notes
CIS-110	Introduction to Computers	3	
DFT-154	Intro to Solid Modeling	3	
PHY-131	Physics-Mechanics	4	
ATR-212	Industrial Robots	3	
MEC-130	Mechanisms	3	
	Mechatronics Elective	2	

**Total Credits 76**

### More Information

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