

MECHATRONICS TECHNOLOGY, A.A.S. - MCT3

Requirements

Courses	Course Title	Credit Hours
General Education Courses		
ENG 165 or ENG 101	Professional Communications English Composition I	3
Mathematical Requirement (https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/)		3
Lab Science/Mathematics (https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/)		3
Elective Humanities/Fine Arts (https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/)		3
Elective Social/Behavioral Sciences (https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/)		3
Subtotal		15
Required Core Subject Areas		
AMT 105	Robotics and Automated Control I	3
EEM 117 or EET 111	AC/DC Circuits I DC Circuits	4
EEM 251 or EET 235	Programmable Controllers Programmable Controllers	3
IMT 131	Hydraulics and Pneumatics	4
IMT 170	Statistical Process Control	3
Subtotal		17
Other Courses Required for Graduation		
AMT 205	Robotics and Automated Control II	3
COL 103	College Skills	3
EEM 118 or EET 112	AC/DC Circuits II AC Circuits	4
EEM 140	National Electrical Code	3
EEM 151 or EET 231	Motor Controls I Industrial Electronics	4
EEM 162 or EET 233	Introduction to Process Control Control Systems	3-4
EEM 200 or EET 131	Semiconductor Devices Active Devices	4
EEM 231 or EET 145	Digital Circuits I Digital Circuits	3-4
EEM 241 or EET 251	Microprocessor I Microprocessor Fundamentals	3-4
IMT 112	Hand Tool Operations	3
IMT 161	Mechanical Power Applications	4
Subtotal		37-40
Total Hours		69-72