

MECHATRONICS TECHNOLOGY, A.A.S. - MCT3

Graduation Plan

Fall S	Start -	Greenwood	(Day)
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Course	Title	Hours
First Year	nae	Hours
Fall Semester		
COL 103	College Skills	3
EEM 117	AC/DC Circuits I	4
or EET 111	or DC Circuits	_
IMT 112	Hand Tool Operations	3
IMT 161	Mechanical Power Applications	4
	Hours	14
Spring Semester		
EEM 118 or EET 112	AC/DC Circuits II or AC Circuits	4
EEM 151	Motor Controls I	4
or EET 231	or Industrial Electronics	
IMT 131	Hydraulics and Pneumatics	4
	irement (https://catalog.ptc.edu/student- -registration/general-education-courses/)	3
	Hours	15
Summer Semester		
ENG 165 or ENG 101	Professional Communications or English Composition I	3
Elective Humanities	s/Fine Arts (https://catalog.ptc.edu/student-	3
	-registration/general-education-courses/)	
Elective Behavioral	Science (https://catalog.ptc.edu/student-	3
handbook/advising	-registration/general-education-courses/)	
	matics (https://catalog.ptc.edu/student- -registration/general-education-courses/)	3
	Hours	12
Second Year		
Fall Semester		
AMT 105	Robotics and Automated Control I	3
EEM 200	Semiconductor Devices	4
EEM 231	Digital Circuits I	3
EEM 251	Programmable Controllers	3
IMT 170	Statistical Process Control	3
	Hours	16
Spring Semester		
AMT 205	Robotics and Automated Control II	3
EEM 140	National Electrical Code	3
EEM 162 or EET 233	Introduction to Process Control or Control Systems	3

EEM 241 or EET 251	Microprocessor I or Microprocessor Fundamentals	3
	Hours	12
	Total Hours	69

Fall Start - Gre	eenwood (Evening)	
Course	Title	Hours
First Year		
Fall Semester		
COL 103	College Skills	3
EEM 117	AC/DC Circuits I	4
or EET 111	or DC Circuits	
IMT 112	Hand Tool Operations	3
IMT 161	Mechanical Power Applications	4
	Hours	14
Spring Semester		
EEM 118	AC/DC Circuits II	4
or EET 112	or AC Circuits	
EEM 151 or EET 231	Motor Controls I or Industrial Electronics	4
		4
IMT 131	Hydraulics and Pneumatics	4
	quirement (https://catalog.ptc.edu/student- g-registration/general-education-courses/)	3
Tianabook advisin	Hours	15
Summer Semester		13
AMT 105	Robotics and Automated Control I	3
EEM 200	Semiconductor Devices	4
EEM 231	Digital Circuits I	3
	nematics (https://catalog.ptc.edu/student-	3
	g-registration/general-education-courses/)	3
	Hours	13
Second Year		
Fall Semester		
AMT 205	Robotics and Automated Control II	3
EEM 251	Programmable Controllers	3
IMT 170	Statistical Process Control	3
Elective Behaviora	al Science (https://catalog.ptc.edu/student-	3
	g-registration/general-education-courses/)	
Elective Humanitie	es/Fine Arts (https://catalog.ptc.edu/student-	3
handbook/advisin	g-registration/general-education-courses/)	
	Hours	15
Spring Semester		
EEM 140	National Electrical Code	3
EEM 162	Introduction to Process Control	3
EEM 241	Microprocessor I	3
ENG 165	Professional Communications	3
or ENG 101	or English Composition I	
	Harris	10

Hours

Total Hours

12

69



Course	Title	Hours
First Year		
Fall Semester		
COL 103	College Skills	3
EEM 117	AC/DC Circuits I	4
IMT 112	Hand Tool Operations	3
IMT 161	Mechanical Power Applications	4
	Hours	14
Spring Semester		
EEM 118	AC/DC Circuits II	4
EEM 151	Motor Controls I	4
IMT 131	Hydraulics and Pneumatics	4
Mathematical Rec	uirement (https://catalog.ptc.edu/student-	3
handbook/advisin	g-registration/general-education-courses/)	
	Hours	15
Summer Semeste	r	
AMT 105	Robotics and Automated Control I	3
EEM 200	Semiconductor Devices	4
EEM 231	Digital Circuits I	3
	nematics (https://catalog.ptc.edu/student-	3
handbook/advisin	g-registration/general-education-courses/)	
	Hours	13
Second Year		
Fall Semester		
EEM 251	Programmable Controllers	3
AMT 205	Robotics and Automated Control II	3
IMT 170	Statistical Process Control	3
handbook/advisin	al Science (https://catalog.ptc.edu/student- g-registration/general-education-courses/)	3
	es/Fine Arts (https://catalog.ptc.edu/student- g-registration/general-education-courses/)	3
	Hours	15
Spring Semester		
EEM 140	National Electrical Code	3
EEM 162	Introduction to Process Control	3
EEM 241	Microprocessor I	3
ENG 165	Professional Communications	3
or ENG 101	or English Composition I	
	Hours	12
	Total Hours	69

IMT 161	Mechanical Power Applications	4
	Hours	14
Spring Semester		
EEM 118	AC/DC Circuits II	4
EEM 151	Motor Controls I	4
IMT 131	Hydraulics and Pneumatics	4
	quirement (https://catalog.ptc.edu/student-	3
handbook/advisin	g-registration/general-education-courses/)	
	Hours	15
Summer Semeste	r	
ENG 165 or ENG 101	Professional Communications or English Composition I	3
	al Science (https://catalog.ptc.edu/student- g-registration/general-education-courses/)	3
	es/Fine Arts (https://catalog.ptc.edu/student- g-registration/general-education-courses/)	3
	nematics (https://catalog.ptc.edu/student- g-registration/general-education-courses/)	3
	Hours	12
Second Year		
Fall Semester		
AMT 105	Robotics and Automated Control I	3
EEM 251	Programmable Controllers	3
IMT 170	Statistical Process Control	3
EEM 200	Semiconductor Devices	4
EEM 231	Digital Circuits I	3
	Hours	16
Spring Semester		
AMT 205	Robotics and Automated Control II	3
EEM 140	National Electrical Code	3
EEM 162	Introduction to Process Control	3
EEM 241	Microprocessor I	3
	Hours	12
	Total Hours	69

Spring Start - Greenwood Only (Day Only)

Hours

3

4

3

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Course	Title	Hours
First Year		
Spring Semester		
COL 103	College Skills	3
EEM 117 or EET 111	AC/DC Circuits I or DC Circuits	4
EEM 118 or EET 112	AC/DC Circuits II or AC Circuits	4
	uirement (https://catalog.ptc.edu/student- g-registration/general-education-courses/)	3
	Hours	14
Summer Semeste	r	
EEM 140	National Electrical Code	3
IMT 112	Hand Tool Operations	3

Title

College Skills

AC/DC Circuits I

Hand Tool Operations

Course First Year Fall Semester COL 103

EEM 117 IMT 112



IMT 161	Mechanical Power Applications	4
IMT 170	Statistical Process Control	3
	Hours	13
Fall Semester		
EEM 151	Motor Controls I	4
or EET 231	or Industrial Electronics	
EEM 200	Semiconductor Devices	4
EEM 231	Digital Circuits I	3
IMT 131	Hydraulics and Pneumatics	4
	Hours	15
Second Year		
Spring Semester		
AMT 105	Robotics and Automated Control I	3
EEM 241	Microprocessor I	3
EEM 251	Programmable Controllers	3
or EET 235	or Programmable Controllers	
ENG 165	Professional Communications	3
or ENG 101	or English Composition I	
	nematics (https://catalog.ptc.edu/student-	3
handbook/advisin	g-registration/general-education-courses/)	
	Hours	15
Summer Semeste		_
AMT 205	Robotics and Automated Control II	3
EEM 162 or EET 233	Introduction to Process Control or Control Systems	3
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	g-registration/general-education-courses/)	Ü
	es/Fine Arts (https://catalog.ptc.edu/student-	3
	g-registration/general-education-courses/)	12
	Hours	
	Total Hours	69