



LIVINGSTON COUNTY  
EARLY COLLEGE



# Mechatronics Pathway with Washtenaw Community College

Associate of Applied Science Mechatronics: Robotics and Automated Systems

63 credits

## 11th Grade

### Fall Semester

### Winter Semester

Robotics/Mechatronics	Artic. Credit	Pinckney HS	Robotics/Mechatronics	Artic. credit	Pinckney HS
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Articulates to: ROB 101 (2CR), ROB 110 (2CR), MEC 101 (2CR), ROB 212 (4CR)

See your counselor for additional High School graduation requirements

## 12th Grade

### Fall Semester

### Winter Semester

MEC 105	4 credits	WCC	ELE 211	4 credits	WCC
NCT 120	2 credits	WCC	NCT 100	2 credits	WCC
COM 101	3 credits	WCC	MTH 125/160	4 credits	WCC
ELE 111	4 credits	WCC	MEC 201	2 credits	WCC

See your counselor for additional High School graduation requirements

## 13th Year

### Fall Semester

### Winter Semester

ROB 221	4 credits	WCC	ELE 254	4 credits	WCC
SOC 100	3 credits	WCC	MEC 224	4 credits	WCC
ELE 224	4 credits	WCC	Humanities	3 credits	WCC
ENG 111	4 credits	WCC	Nat. Science	3 credits	WCC



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## MMC grad requirements

VPAA: Robotics/Mechatronics

4th Math Experience, 3rd Science, 2nd Foreign Language: Adv. Robotics/Mechatronics

English: ENG 111

English: COM 101

Math: MTH 125 or MTH 160

ENG 111 Composition I

COM 101 Fundamentals of Speaking

MTH 125 Everyday College Math

MTH 160 Basic Statistics

MEC 201 Mechanisms

MEC 224 Robotics IV

ELE 111 Electronic Fundamentals

ELE 211 Basic Electronics

ELE 224 Programmable Controllers (PLCs 1)

ELE 254 Programmable Controllers (PLCs 2)

NCT 120 Intro to 2D CAD CAM Programming & Applications

MEC 105 Pneumatic & Fluid Power Fundamentals

NCT 100 Fundamentals of CNC

ROB 221 Robotics Stimulation

SOC 100 Principles of Sociology