



## Certificate Mechatronics

This Program Map is Part of the **Science, Technology, Engineering, and Mathematics Pathway**

This Program Map is for students who plan to earn a certificate in Mechatronics at Polk State College. Students should carefully review the [program webpage](#) for more information. Credits earned as part of this certificate count toward the AS in Engineering Technology, Advanced Manufacturing Specialization. This Program Map is intended to serve as a guide, and students should always meet with their Student Success Advisor to develop a personalized Educational Plan.

### Program Map for Students Attending Full-Time

Term	Course ID	Course Title	Credits
Term 1	EET 1084C	Introduction to Electronics	3 Credits
	ETD 1320C	Introduction to Computer-Aided Drafting	3 Credits
Term 2	ETI 1110C	Introduction to Quality	3 Credits
	ETI 1420C	Manufacturing Processes and Materials	3 Credits
Term 3	ETI 1701C	Industrial Safety	3 Credits
	ETM 2315C	Hydraulics and Pneumatics	3 Credits
Term 4	ETS 1511C	Motors and Controls	3 Credits
	ETS 1535C	Automated Process Control	3 Credits
Term 5	ETS 1540C	Industrial Applications of Programmable Logic Controllers and Robotics	3 Credits
	ETS 1542C	Introduction to Programmable Logic Controllers	3 Credits

**Total Required Program Hours: 30**

#### A Few Notes:

1. Students must meet all graduation requirements. To learn more about graduation requirements, [please refer to the College Catalog](#).

Program: 68110 – **2024-2025 Catalog Year (tentative)**