MECHATRONICS FUNDAMENTALS (CC)(PLAN CODE: ETEMFC01)

Academic Plans, known as programs, include an overview description and a summary of program requirements. You can search the online catalog via the Academic Plan links on the right for a desired program or a specific course information.

Code	Title	Credits/ Units
Major Area Requirements		
MTX 100	Industrial Safety	1
MTX 101	DC Fundamentals	3
MTX 102	AC Fundamentals	4
MTX 103	Basic Measurement Tools	2
MTX 106	Fluid Power Systems	4
MTX 110	Electric Motor Control 1	4
Total Credits/Units		**18**

Program Outcomes

Program outcomes are overarching skills that are emphasized and reinforced throughout several courses in a specific program; they are measurable statements that define what students should know or be able to do by the end of a certificate or degree at Clark College. After successful completion of this program, students will be able to:

- Troubleshoot DC and AC circuits for malfunctions.
- Design fluid power systems and identify common components.
- Correctly connect, operate and troubleshoot an AC motor control circuit.
- Demonstrate proper tool identification and usage techniques.

Program maps are a suggested academic plan and should not be used in the place of regular academic advising appointments. Your student entry method, placement, course availability, and program requirements are subject to change and transfer credit(s) may change your map/plan. To view the current suggested map for your program please visit our website https://programmap.clark.edu/academics