

Sample Academic Plan: Mechatronics- Mechatronics Technology Certificate of Achievement

Catalog: 22-23

GE Pattern: N/A

Part Time, Total Units: 27 units

NOTE: This program roadmap represents one possible pathway to complete the program. Please see a counselor to create an academic plan that is customized to meet your needs. This roadmap is not a guarantee of course availability or financial aid applicability. For counseling appointments call (916) 660-7400.

First Year

Semester 1 (6 units)

Course Number	Course Title	Units	Area
MECH 0010	Fundamentals of Electronics	4 units	Major
MECH 0014	Fabrication Techniques	2 units	Major

Semester 2 (9 units)

Course Number	Course Title	Units	Area
MECH 0004	Fundamentals of Mechatronics	4 units	Major
MECH 0044	Mechatronic Processes and Materials	2 units	Major
ADVM 0003D	Design for Additive Manufacturing- 3D Printing	3 units	Major

Second Year

Semester 3 (12 units)

Course Number	Course Title	Units	Area
MECH 0054	Mechatronics Systems	4 units	Major
MECH 0025	Computers for Robotics and Automation	4 units	Major
MECH 0090	Microcontroller Embedded Systems	4 units	Major