Robotics, Automation, Autonomy
Department of Mechanical and Aerospace Engineering, Ohio State University

- A total of 12 credit hours are required to complete the Technical Elective Requirements
- Students must complete two courses (a minimum of 6 credit hours) from two of the three categories (Design, Computational, Applications)
- **This is an example curriculum. All students must meet program requirements as detailed here: https://mae.osu.edu/mechanical-engineering-technical-electives**

Course	Hours	Course Name
Design Classes- Take up to 9 credit hours of		
ME 5194 (Metzler)	3	Smart Product Design
ME 5194 (Srinivasan)	3	Control System Design
ME 5240	3	Mechanical Vibrations
ME 5372	3	Design and Control of Mechatronic Systems
ME 5751	3	Design and Manufacturing of Compliant Mechanisms and Robots
Computational Classes- Take up to 6 credit hours of		
ME 5030	3	Intermediate Dynamics
ME 5339	3	Simulation Techniques for Dynamic Systems
Applications Classes- Take up to 6 credit hours of		
ME 5234	3	Vehicle Dynamics
ME 5531	3	Advanced Automotive Systems Analysis/ Laboratory
Other Classes- Take no more than 3 credit hours of the following		
CSE 5052	3	Survey of Artificial Intelligence for Non-Majors
PUBAFRS 3000	3	Introduction to Public Policy Analysis
PUBAFRS 5600	3	Science, Engineering, and Public Policy