UNIVERSITY OF TOLEDO

GRADUATE CERTIFICATE IN MECHATRONICS

Mechatronics is the synthesis of traditional mechanical engineering with electronics and control engineering. Our graduate certificate includes controls, mechanical systems, electronics, and electrical systems, taught with automotive-specific content, but applicable across a range of industries.

GRADUATE CERTIFICATE IN MECHATRONICS REQUIREMENTS

The certificate is a total of 15 credit hours. The certificate program is structured to require:

- **EITHER MIME 5420 - Modeling and Control of Engineering System (3cr hr)**
- **OR MIME 5430 - Automotive Control Systems (3cr hr)**
- **MIME 5410 - MATLAB for Engineers (3cr hr)**
- **EECS 5480 - Electronic Energy Processing (3cr hr)**
- **MIME 5440 - Mechatronics (3cr hr)**

Electives:

- **MIME 5420 - Modeling and Control of Engineering System (3cr hr)**
- **MIME 5430 - Automotive Control Systems (3cr hr)**
- **MIME 5450 - Automation Design (3cr hr)**

BENEFITS

Many organizations are seeking to upgrade the skills of their workforce as traditional mechanical systems are being replaced by mechatronic systems. Expand your knowledge in this rapidly expanding field with the graduate certificate in mechatronics. Want to keep going? The courses in the graduate certificate in mechatronics can all be applied toward an MS degree in Mechanical Engineering or General Engineering.

APPLY ONLINE AT:

www.utoledo.edu/graduate/apply/

For additional information about all of our programs, visit utoledo.edu/engineering/graduate-studies.

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