



## 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.

ADVANCING  
KNOWLEDGE



## PROGRAM REQUIREMENTS

The certificate requires a total of 15 credit hours of approved coursework, or five 3 credit hour courses.

### Required courses:

- **MIME 5420** - Modeling and Control of Engineering Systems
- or **MIME 5430** - Automotive Control Systems
- **MIME 5460** - MATLAB for Engineers
- **EECS 5480** - Electronic Energy Processing
- **MIME 5440** - Mechatronics

### Elective courses:

- **MIME 5420** - Modeling and Control of Engineering Systems
- **MIME 5430** - Automotive Control Systems
- **MIME 5450** - Automation Design

## FUELING TOMORROWS

### 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 M.S. degree in mechanical engineering or general engineering.

### APPLY ONLINE AT:

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