

# Robotics/Mechatronics Short-Term Certificate

**Program Code**

STC-ADM-AUTM

**CIP**

15.0613

**Type**

Short-Term Certificate

## ROBOTICS/MECHATRONICS COURSE REQUIREMENTS

| <b>Item #</b> | <b>Title</b>                                 | <b>Credits</b> |
|---------------|--|----------------|
| ELT 108       | DC Fundamentals                              | 3              |
| ELT 109       | AC Fundamentals                              | 3              |
| ELT 209       | Motor Controls I                             | 3              |
| ELT 231       | Introduction to Programmable Controllers     | 3              |
| ELT 232       | Advanced Programmable Controllers            | 3              |
| ILT 139       | Introduction to Robotic Programming          | 3              |
| ILT 240       | Sensors Technology and Applications          | 3              |
| ADM 250       | Introduction to Flexible Manufacturing Cells | 4              |
|               | <b>Total Credits</b>                         | <b>25</b>      |