

Mechatronics II

Certificate in Industrial Technology

Entrance Requirements:

Acceptable Asset or Compass score

Type of Program:

Day or night

Type of Degree:

Certificate

Employment Opportunities:

- This is a new interdisciplinary field involving control systems, electronic systems, computers, robotics, and mechanical systems. Students who successfully complete this course of study may be employed by high tech industries throughout the Upstate and beyond.
- Courses taken under this certificate can be applied toward the associate degree program.
- This program is located at Greenville Tech's Brashier Campus.
- This certificate further develops students completing Mechatronics I as well as advanced students already working in industry in areas such as, but not limited to, robotics, PLC and applications, sensors and controllers, troubleshooting, and process controls.

Recommended Program Schedule

First Semester – Fall

AMT 205	Robotics & Automated Control II	3.0
EEM 201	Electronic Devices I	3.0
EEM 221	DC/AC Drives	3.0
EEM 251	Programmable Controllers	3.0

Second Semester – Spring

EEM 162	Introduction to Process Control	3.0
EEM 252	Programmable Controllers Applications	3.0
EEM 271	Sensors and System Interfacing	2.0
EEM 274	Technical/Systems Troubleshooting	4.0
IMT 170	Statistical Process Control	3.0

Total credit hours **27.0**

Note: Please contact program advisor for recommended evening schedules.