

# Automation and Robotics

This new program provides the skills you need for a great career that is in demand locally and across the country. As an industrial repair technician, students will learn how to maintain, repair and rebuild equipment that is critical to the day to day operations.

Upon successful completion of this two-year high school program, students may obtain a one-year Maintenance certificate from Rhodes State College or continue on towards an associate's degree.

Students will learn the skills necessary through hand-on experience and technology. Students will develop a skill set that equips them to troubleshoot in a manufacturing setting.

#### **SKILLS LEARNED:**

- Hydraulics and pneumatics
- · Industrial mechanics, robotics
- · Industrial electricity
- Programmable logic controls (PLC)

#### UNIFORM DETAILS:

Uniforms are ordered through the Apollo website. All students who were accepted prior to the first day of school are expected to be in uniform by September 14th. Students accepted within the first two weeks of school must be in uniform by October 1st. Students who are not in uniform by these deadlines may be sent home or have daily grade reductions for professionalism.

Purchased through online portal:

- Work Shirt (recommend three)
- Hoodie
- Winter Jacket (optional)

Purchased anywere:

- Blue Jeans
- Work Boots

Pants can't drag on the floor and must be pulled up. Shirts will be tucked in and belts worn. Clothes must be clean. No facial piercing. Safety glasses and work shoes will be worn during all labs and activities

## CREDENTIALS STUDENTS CAN EARN:

- NCCER Core (6 points)
- NCCER Level 1 (6 points)

### STUDENT PURCHASED TOOLS:

Your instructor will provide you with information prior to the start of school.

## TYPICAL SCHOOL DAY SCHEDULE:

- 8:00 am 2:25 pm
  - o Buses leave at 2:20
  - o Drivers at 2:25
- First-year students have lab in the morning and second-year students have lab in the afternoon.
  - Some schedules may vary.



#### INSTRUCTOR

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