

# ROBOTICS TECHNICIAN (CERTIFICATE)

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**Catalog Effective Term:** Fall 2024

**Program Code:** CTROBT

**Credential:** Certificate

*High Skill Occupation, High Wage Occupation*

The Robotics Technician certificate is a starting point for those with the desire to enter the field of automation and robotics. Students will learn how robots are programmed and wired into larger systems. Technicians work in industrial settings to operate, maintain, and program robots.

Students with technology interests who enjoy working with their hands like gaming, manipulating code, robotics, 3D printing are suited for this line of work.

**Minimum Credits Required for the Program: 18**

| Code                           | Title                               | Credits   |
|--------------------------------|-------------------------------------|-----------|
| <b>Major/Area Requirements</b> |                                     |           |
| ELE 111                        | Electrical Fundamentals             | 4         |
| ELE 224                        | Programmable Controllers (PLCs) I   | 4         |
| MEC 101                        | Blueprint Reading for Manufacturing | 2         |
| ROB 101                        | Robotics I - I                      | 2         |
| ROB 110                        | Robotics I - II                     | 2         |
| ROB 212                        | Robotics II                         | 4         |
| <b>Total Credits</b>           |                                     | <b>18</b> |