

Advanced Manufacturing: Automation Skills Certificate

Power the Systems That Power Industry

Are you interested in robotics, electricity, and high-tech equipment? The Advanced Manufacturing – Automation Skills Certificate at the College of Southern Nevada prepares you for careers in today's automated industries.

In this program, you'll learn how modern manufacturing systems work — and how to keep them running safely and efficiently.

What You'll Learn

This certificate prepares you to take the Smart Automation Certification Alliance (SACA) exams and earn industry-recognized certifications in:

- Electrical Systems 1
- Electric Motor Control Systems 1
- Process Control Systems 1
- Programmable Controller
- Troubleshooting 1

Program Courses

First Year:

- Electrical Systems 1
- Electric Motor Control Systems 1
- Process Control Systems 1
- Programmable Controller
- Troubleshooting 1

Second Year:

- Industrial Electricity
- Industrial & Materials Handling Automation
- Mechanical Power Transmission
- Advanced Automation with Robotics



Graduates gain real-world technical skills that employers are looking for in manufacturing, automation, maintenance, and robotics careers.

Ready to get started? Classes offered at the Henderson Campus.

Contact Dual Credit Manager **Kayla Buscher** at 702-651-7971 or **Kayla.Buscher@csn.edu** for more information.

**Build technical skills. Earn industry certifications.
Launch your career in automation.**