

**Automation Engineer Technician**

ISA CST Exam

**Certificate C**  
Maximum of 57 Credits

**Automation Engineer Technician Degree**

- ISA CST Exam
- 15 Credit Hours of General Education (minimum)

**A.A.S.**  
Maximum of 68 Credits

***Required Courses within Program***

<b><u>Common Courses</u></b>	<b><u>16 credits:</u></b>
<i>AC/DC Circuits</i>	<i>4 credits</i>
<i>Programmable Logic Controls (PLC)</i>	<i>3 credits</i>
<i>Industrial Fluid Power</i>	<i>3 credits</i>
<i>Actuator &amp; Sensor Systems</i>	<i>3 credits</i>
<i>Industrial Robotics</i>	<i>3 credits</i>

<b><u>Support Course</u></b>	<b><u>1-3 credits:</u></b>
<i>OHSA 10 or 30</i>	<i>1 – 3 credits</i>

*Course list sequence has no implication on course scheduling by colleges.*

*Institutions may add additional competencies based on local demand.*

**Notes**

Specifics pertaining to Automation Engineer Technology programs:

1. Graduates will take and are expected to pass the Control Systems Technician (CST) exam through the International Society of Automation.
2. Educational Competencies align with ISA requirements.
3. The common courses may represent opportunities for colleges to connect to K-12 CTE pathways.
4. Level C certificates that do not include any general education course and lead to the AAS degree cannot be greater than 53 credit hours to maintain the 68 credit hour maximum for the AAS degree.
5. Students are encouraged to obtain the Kansas **WORKReady!** Certificate (Silver- Level).