Certificate C
Maximum of 57 Credit Hours

Automation Engineer Technician
• ISA CST Exam

A.A.S.
60-68 Credit Hours

Automation Engineer Technician Degree
• ISA CST Exam
• Minimum of 15 Credit Hours of General Education

Required Courses within Program

Common Courses	16 credits:
AC/DC Circuits	4 credits
Programmable Logic Controls (PLC)	3 credits
Industrial Fluid Power	3 credits
Actuator & Sensor Systems	3 credits
Industrial Robotics	3 credits

Support Courses*	1-3 credits:
OHSA 10 or 30	1-3 credits

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

Institutions may add additional competencies based on local demand.

Competencies identified within the Common Courses and/or Support Courses represent opportunities for articulation with K-12.

*Institutions may utilize existing like course titles for Support Courses that adhere to the agreed upon course lengths.

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. Level C certificates that do not include any general education course and lead to the A.A.S. degree cannot be greater than 53 credit hours to maintain the 68 credit hour maximum for the A.A.S. degree.

4. Students are encouraged to obtain the Kansas **WORK**Ready! Certificate (Silver- Level).