

**AUTOMATION AND CONTROLS TECHNICIAN CERTIFICATE****Embedded Certificate****Degree Sheet**

2026-2027 Catalog

Support and Related Courses			3 Credit Hours	Credit Hours	Prerequisites
CIS	1123	Programming Fundamentals		3	[R]

**Technical Occupational Specialty 14 Credit Hours**

ENGT	1104	Fundamentals of Electricity	4	Coreq: MATH 1513
ENGT	1234	Analog and Digital Systems	4	ENGT 1104
ENGT	2333	Programmable Logic Controllers	3	CIS 1123
ITD	2453	Industrial Data Communications	3	[R]

**Total to Graduate 17**

*The courses in this certificate program are embedded within the Engineering Technologies A.A.S. degree, and this certificate may be earned independently.*

*This certificate has not been approved by the Dept. of Education to be eligible for federal student aid*

**ADDITIONAL GRADUATION REQUIREMENTS:**

- 2.0 Graduation/Retention GPA
- 6 credit hours earned in residence at OSU-OKC
- Students must complete the prerequisite course with a grade of "C" or better to advance to the next course in the required sequence.

**NOTES LEGEND:**

[R] Reading Proficiency/Placement

[W] Writing Proficiency/Placement

[M] Math Proficiency/Placement

*Learn more about proficiency requirements at <https://osuokc.edu/proficiency>.*