INSTRUMENTATION TECHNOLOGY

College of Rural and Community Development Community and Technical College 907-479-2436 www.ctc.uaf.edu/programs/inst/

Certificate

Minimum Requirements for Certificate: 32 credits

The instrumentation technology program will develop entry-level skills in industrial instrumentation. Courses combine the technical know-how, the use of state-of-the-art equipment and hands-on experience necessary for work in a variety of industrial instrumentation fields.

Students are taught the necessary objectives and skills sets required to take the entry-level Instrumentation, Systems and Automation Society certificate examination. This is a nationally recognized certification by industry partners; individuals holding this certification are sought after by industry partners to fill instrumentation technician positions worldwide.

As the process industries expand and automate, the need for qualified technicians increases. This need is currently being addressed by the Industrial Instrumentation & Controls Technology Alliance. CTC and the process technology program are active members of this national alliance.

Certificate Program

- 1. Complete the general university requirements (page 95).
- 2. Complete the certificate requirements (page 97).
- Students must earn a \hat{C} grade or better in each course.



Certificate Requirements

Communication
Complete one of the following: • ENGL F111X—Introduction to Academic Writing
Computation2 – 3 Credits
Complete one of the following: • Any course at the F100-level or above in mathematical sciences (computer science, math or statistics)
Human Relations 2 – 3 Credits
Complete one of the following: • ANTH F100X/SOC F100X—Individual, Society and Culture(s)
Electives to total

Associate of Applied Science Requirements

• •	ritten Communication
•	ENGL F111X—Introduction to Academic Writing(3)
•	omplete one of the following: ABUS F271—Business Communications
O	ral Communication
•	omplete one of the following: COMM F131X—Fundamentals of Oral Communication: Group Context(3) COMM F141X—Fundamentals of Oral Communication: Public Context(3) or successful completion of competency test
C	omputation3 Credits
•	Implete one of the following: Any course at the F100-level or above in mathematical sciences (computer science, math or statistics)
H	uman Relations
•	omplete one of the following: ANTH F100X/SOC F100X—Individual, Society and Culture (s)
	ajor specialty at least
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