

Instrumentation Technology

College of Rural and Community Development
Tanana Valley Campus
(907) 455-2868
www.tvc.uaf.edu

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. TVC and the process technology program are active members of this national alliance.

Certificate Program

1. Complete the general university degree requirements (page 83).
2. Complete the certificate requirements (page 85).
3. Complete the following program requirements:

ELT 101—Basic Electronics: DC Physics	4
ELT 102—Basic Electronics: AC Physics	4
ELT 246—Electronic Industrial Instrumentation	3
PRT 140—Industrial Process Instrumentation I	3
PRT 144—Industrial Process Instrumentation II	3
PRT 240—Industrial Process Instrumentation III	3
PRT 248—Valve Maintenance and Instrumentation	3
4. Minimum credits required

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