Instrumentation Technology

College of Rural and Community Development
Tanana Valley Campus
907-455-2906
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 86).

2. Complete the certificate requirements (page 88).

3. Complete the following program requirements:
    ELT F101—Basic Electronics: DC Physics 4
    ELT F102—Basic Electronics: AC Physics 4
    ELT F246—Electronic Industrial Instrumentation 3
    PRT F140—Industrial Process Instrumentation I 3
    PRT F144—Industrial Process Instrumentation II 3
    PRT F240—Industrial Process Instrumentation III..................3
    PRT F248—Valve Maintenance and Instrumentation 3

4. Minimum credits required..32

UNIVERSITY OF ALASKA FAIRBANKS
Office of Admissions and the Registrar • P.O. Box 757480 • Fairbanks, AK 99775-7480 • admissions@uaf.edu • www.uaf.edu
UA is an AA/EO employer and educational institution and prohibits illegal discrimination against any individual: www.alaska.edu/titleIXcompliance/nondiscrimination.