SAFETY, HEALTH AND ENVIRONMENTAL AWARENESS TECHNOLOGY

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

Certificate

Minimum Requirements for Certificate: 37 credits

This program develops entry-level skills in industrial safety, health and environmental awareness. Courses combine the technical know-how, use of state-of-the-art equipment and hands-on experience necessary for students to obtain work in a variety of safety-related industrial fields.

Students are taught the necessary objectives and skills required to take an entry-level Occupational Health and Safety Technologist exam when coupled with other requirements as set forth by the Council on Certification of Health, Environmental and Safety Technologists.

As the process industries expand and automate, the need for qualified safety technicians increases. The Community and Technical College and the Process Technology Program are active members of the American Society of Safety Engineers.

Certificate Program

1. Complete the general university requirements (page 94).

2. Complete the certificate requirements (page 96).

3. Complete the following program requirements:*
   PRT F101—Introduction to Process Technology................................3
   PRT F110—Introduction to Occupational Safety,
   Health and Environmental Awareness..3
   OSH F108—Injury Prevention and Risk Management......................4
   OSH F110—Program Assessment, Development, and
   Implementation 4
   OSH F120—Safety Program Management and Recordkeeping........3
   OSH F180—Introduction to Industrial Hygiene 4
   OSH F201—Workplace Injury and Incident Evaluations...................4
   OSH F250—Hazardous Material Operation 3

4. Minimum credits required 37

* *Students must earn a C grade or better in each course.*

UNIVERSITY OF ALASKA FAIRBANKS
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Certificate Requirements

Communication . . . . .2–3 Credits

Complete one of the following:
- ENGL F111X—Introduction to Academic Writing...(3)
- ABUS F170—Business English..(3)
- ABUS F271—Business Communications ....(3)
- ENGL F211X—Academic Writing about Literature..................................(3)
- ENGL F212—Business, Grant and Report Writing* ....(3)
- ENGL F213X—Academic Writing about the Social and Natural Sciences ......(3)
- COMM F131X—Fundamentals of Oral Communication: Group Context .....(3)
- COMM F141X—Fundamentals of Oral Communication: Public Context......(3)
  or successful completion of competency test
- DEVS F104—University Communications...(1–3)
- DEVS F105—Intensive Reading Development ....(3)
- Other program-approved discipline-based communication course or discipline-based courses with embedded communication content.............(2–3)

* ENGL F212 does not fulfill the second half of the written communication requirement for the bachelor's degree.*

Computation. . . . . .2–3 Credits

Complete one of the following:
- Any course at the F100 level or above in mathematical sciences (computer science, math or statistics) ....(3)
- ABUS F155—Business Math..(3)
- DEVM F105—Intermediate Algebra ....(3)
- ECE F117—Math Skills for Early Childhood Educators........................(3)
- HLTH F116—Mathematics in Health Care ....(3)
- HUMS F117—Math Skills for Human Services ....(3)
- TTCH F131—Mathematics for the Trades ....(3)
- Other program-approved discipline-based computation course or discipline-based courses with embedded computation content. ....(2–3)

Human Relations . . . . .2–3 Credits

Complete one of the following:
- ANTH F100X/SOC F100X—Individual, Society and Culture (s) ....(3)
- ABUS F154—Human Relations ....(3)
- ANL F287—Teaching Methods for Alaska Native Languages (h).....................(3)
- ECE F104—Child Development: Prenatal, Infants and Toddlers (s) ....(3)
- ECE F107—Child Development II: Preschool and Primary Years (s) ....(3)
- ED/PSY F245—Child Development (s) ....(3)
- HLTH F106—Human Behavior in Health Care (s) ....(3)
- HUMS F120—Cultural Diversity in Human Services..............................(3)
- RHS F110—Cross-Cultural Bridging Skills (1) AND RHS F115—Issues of Personal Development ....(2)
- Other program-approved discipline-based human relations or discipline-based courses with embedded human relations content. ....(2–3)

Major specialty at least... **21 Credits**

Electives to total .... **30 Credits**

Associate of Applied Science Requirements

Written Communication. .6 Credits

- ENGL F111X—Introduction to Academic Writing...(3)

Complete one of the following:
- ABUS F271—Business Communications ....(3)
- ENGL F211X—Academic Writing about Literature..................................(3)
- ENGL F212—Business, Grant and Report Writing* ....(3)
- ENGL F213X—Academic Writing about the Social and Natural Sciences ......(3)

* ENGL F212 does not fulfill the second half of the written communication requirement for the bachelor's degree.*

Oral Communication . . . . .3 Credits

Complete 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

Computation. . . . . .3 Credits

Complete one of the following:
- Any course at the F100 level or above in mathematical sciences (computer science, math or statistics). ....(3)
- ABUS F155—Business Math..(3)
- DEVM F105—Intermediate Algebra ....(3)
- ECE F117—Math Skills for Early Childhood Educators........................(3)
- HLTH F116—Mathematics in Health Care ....(3)
- HUMS F117—Math Skills for Human Services ....(3)
- TTCH F131—Mathematics for the Trades ....(3)
- Other program-approved discipline-based computation course or discipline-based courses with embedded computation content. ....(3)

Human Relations . . . . .3 Credits

Complete one of the following:
- ANTH F100X/SOC F100X—Individual, Society and Culture (s) ....(3)
- ABUS F154—Human Relations ....(3)
- ANL F287—Teaching Methods for Alaska Native Languages (h).....................(3)
- ECE F104—Child Development: Prenatal, Infants and Toddlers (s) ....(3)
- ECE F107—Child Development II: Preschool and Primary Years (s) ....(3)
- ED/PSY F245—Childhood Development (s) ....(3)
- HLTH F106—Human Behavior in Health Care (s) ....(3)
- HUMS F120—Cultural Diversity in Human Services..............................(3)
- RHS F110—Cross-Cultural Bridging Skills (1) AND RHS F115—Issues of Personal Development ....(2)
- Other program-approved discipline-based human relations course or discipline-based courses with embedded human relations content. ....(3)

Major specialty at least... **30 Credits**

Electives to total .... **60 Credits**

Minimum credits required for degree .... **60 Credits**