Matanuska-Susitna College offers four occupational endorsement certificates (OECs), one undergraduate certificate and an Associate of Applied Science (AAS) in refrigeration and heating. Satisfactory completion of the four OECs qualifies a student for the Undergraduate Certificate in Refrigeration and Heating Technology. The AAS may be earned by obtaining the undergraduate certificate and successfully completing the General University Requirements and General Course Requirements (GCRs) for an associate’s degree. A student satisfactorily completing the requirements for a certificate or the degree will possess a background in heating, air-conditioning, applied physics, mathematics, and electricity, and the technical skills required to diagnose and repair modern commercial and residential heating, refrigeration, air-conditioning and ventilation systems.

All students enrolling in the refrigeration and heating program must take a standardized placement test in reading, writing and mathematics. The faculty place heavy emphasis on student preparation for entry-level job skills.

Professional tests related to the industry and leading to industry-recognized certifications are administered as part of this program. If possible, additional training may take place on the job to provide a student with work-related experience.

**Programs of Study**

**Occupational Endorsement Certificates**
- OEC in Commercial Refrigeration Systems (http://catalog.uaa.alaska.edu/undergraduateprograms/ctc/refrigerationheatingtechnology/oec-commercialrefrigerationsystems)
- OEC in Residential and Light Commercial Heating and Ventilation (http://catalog.uaa.alaska.edu/undergraduateprograms/ctc/refrigerationheatingtechnology/oec-residentiallightcommercialheatingventilation)

**Undergraduate Certificate**
- Certificate in Refrigeration and Heating Technology (http://catalog.uaa.alaska.edu/undergraduateprograms/ctc/refrigerationheatingtechnology/certificate-refrigerationheatingtechnology)

**Associate of Applied Science**
- AAS in Refrigeration and Heating Technology (http://catalog.uaa.alaska.edu/undergraduateprograms/ctc/refrigerationheatingtechnology/aas-refrigerationheatingtechnology)