

University of Alaska Southeast
Career Education
Power Technology Department

Assessment Plan
GOALS AND OUTCOMES

Department: Career Education

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Program Name: AAS Power Technology: Diesel Heavy Duty Emphasis, Mine
Mechanic Emphasis and Fixed Plant Mechanic Emphasis

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GOAL #1. Program graduates will have demonstrated a broad based proficiency in the skills required to obtain and succeed in an entry level position in the diesel industry or other closely related field. The UAS Diesel Department mission statement and department competencies will be the benchmarks use to ensure student success.

OUTCOMES FOR GOAL #1

1.1. Graduating students will be able to safely perform the hands-on mechanical tasks needed to troubleshoot, repair, adjust, and service heavy duty diesel type equipment and related auxiliary systems. (S)

1.2. Graduating students will have shown they can differentiate between systems and concepts found in various marine, vehicular, earth moving, and power house systems. (K)

1.3 Students will have demonstrated the necessary mechanical skills, social skills, and work habits to successfully completed a 3rd semester internship in the private sector. (S/H)

GOAL #2. Program graduates will have demonstrated broad based proficiency in the six UAS competencies to the level needed to accomplish goal #1. The UAS and UA mission statements, the UAS 10 year strategic plan, and the UAS core values will be the benchmarks used to ensure student success.

OUTCOMES FOR GOAL #2

2.1. Graduates will have demonstrated the, communication, social, ethical and moral skills and values needed to successfully function in multi-gender and multi-cultural work teams . (H/S)

2.2. Graduates will have mastered the computational and critical thinking skills necessary to analyze, adjust, and trouble shoot complex systems in both metric and standard systems. (S)

2.3. Graduates will have demonstrated they can successfully use the various information systems, reference materials, information hardware and software needed for operating, troubleshooting, and maintaining newer complex system. (S)