

School of Career Education Program Learning Outcomes

From: AY18 Assessment Plan

Department: Career Education

Program Group: Power Technology

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

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.
 - a. 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)
 - b. Graduating students will have shown they can differentiate between systems and concepts found in various marine, vehicular, earth moving, and power house systems. (K)
 - c. Students will have demonstrated the necessary mechanical skills, social skills, and work habits to successfully complete a 3rd semester internship in the private sector. (S/H)

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.
 - a. 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)
 - b. 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)
 - c. 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)