

Student Learning Outcomes Assessment Summary

Automotive Technology, certificate

UAF Community and Technical College

AY 2013-2014

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1. Assessment information collected

A.) Problem Solving

1.) Students who completed both semesters of classes were given an exit exam to determine their knowledge and skills of all the courses taken throughout the year.

2.) Percentage of students who graduated less than last year.

B.) Embedded Subjects

1.) Students were given an exit exam covering embedded courses per the current SLOA plan on file, as has been done in previous years.

C.) Employers satisfaction survey

1.) 5 out of 7 graduates obtained employment in the automotive industry before graduation.

Conclusions drawn from the information summarized above

A.) Problem Solving

1.) Overall, 7 out of the 7 students who participated retained and showed satisfactory knowledge of Suspension & Alignment, Brakes, Electrical, and Engine Performance in the program.

2.) The 2 students that did not graduate did not complete the Auto F190 Practicum during their two semesters of attendance.

B.) Embedded subjects of Human Relations, Computation, and Communication were reviewed with the following results:

1.) The exit exam covers all of the content of the separate Automotive Technology courses, but is not an accurate/effective way of evaluating the embedded Human Relations, Computation & Communication subjects.

C.) Employers reported that students need additional hands on problem solving skills

2. Curricular changes resulting from conclusions drawn above

A.) Problem Solving

1.) Incorporated additional problem solving projects in curriculum

B.) Embedded subjects

1.) It is unclear how public speaking & communication have been evaluated in previous years. This will be changed to better assess those areas on the Student Learning Outcome Assessment Plan for future years.

C.) Increase student retention and graduation

1.) Stress the importance of completion/graduation.

2.) Stress the importance of completing the entire program including the Auto F190 Practicum.

3. Identify the faculty members involved in reaching the conclusions drawn above and agreeing upon the curricular changes resulting

All the Automotive Technology changes were addressed by the Program Coordinator, Instructor, & adjunct instructors which consist of:

Shawn Conell
Tony Thacker
Chris Plowman
Ross Benjamin