Comprehensive Program Review Report (Narrative)
College of the Sequoias
Program Review - Automotive Technology

Program Review - Automotive Technology

Prepared by: Michael Chicconi

What are the strengths of your area?: Program has increased enrollment this semester. 28/30 students an increase from 20/24 students in previous semesters. Program completers are working in the industry within one year of program completion. Currently there are 14 certificate and 5 degree certificates completers this past academic year.

What improvements are needed?: Lack of physical classroom space for increased program student enrollment and completion of courses. Requirement for laboratory technician needed for NATEF Certification of program. Up date shop trainers to allow student instruction and practice on new diagnostic testing and maintenance of current vehicles in today's industry.

Describe any external opportunities or challenges.: Upon NATEF Certification partnerships with automotive industry and dealerships can be expanded and internships created for student employment. Supply industry with qualified technicians and satisfy the current need of certified automotive technicians in industry.

Overall Outcome Achievement: All courses in the automotive program have achieved student course goals set by NATEF standards. Students completing the program scored above 70% in all combined courses which is minimum entry level standards in the automotive industry.

Changes based on outcome: The program has an increase in laboratory tasks for new NATEF program standards for each student to allow more time on task and complete an increased number of tasks. This achievement is being accomplished by purchasing new state-of-the-art equipment for the current new NATEF task list. This change will allow students to gain more practical laboratory experience and knowledge and better prepare them for a diagnostic repair shop environment in today's automotive industry.

Outcome cycle evaluation: All semester courses for the program are completed in 3 semesters. The program is assessed and evaluated on a three year cycle.

Action: Provide new equipment for laboratory tasks to meet new NATEF standards task list

Provide new and state-of-the-art shop trainers and equipment to allow more students to complete more of the new laboratory tasks assigned by NATEF. This action will also increase the students laboratory diagnostic and repair skills to better prepare them for the current automotive repair shop environment.

2015 - 2016

Start Date: 08/27/2014
Status: New Action

Identify related course/program outcomes: This action will also increase the students ability to perform diagnostic and maintenance tasks required of technicians in the current automotive shop environments and also meet current needs in the community.

Person(s) Responsible (Name and Position): Michael Chicconi, Automotive Instructor

Rationale (With supporting data): This action will allow students more laboratory experience and provide updated and increased skills and training in diagnostic and maintenance tasks required of current entry level automotive technicians in the automotive industry.

Priority: High
Safety Issue: No
External Mandate: No

Add Resource Request for Action

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<thead>
<tr>
<th>Resource Description</th>
<th>Why is this resource required for this action?</th>
<th>Notes (optional)</th>
<th>Active</th>
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<tbody>
<tr>
<td>Electronic trainers</td>
<td>Improve student skill on attached p.o.</td>
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<td>Yes</td>
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**Resource Type:** Instructional equipment