



SANTA ANA COLLEGE

Automotive Department Advisory Meeting

December 17, 2019 – 6:00pm

J-Building

Agenda

- Introductions/Dinner
 - Faculty introduced themselves to the committee
 - Committee members introduced themselves
- Purpose of Advisory Meeting
 - David Roper explained the purpose of an advisory meeting
 - Need input from advisors about current trends
 - Previous advisory meeting allowed purchasing of new battery testers
- Automotive Department Faculty Training/Certifications (New Faculty)
 - Talked about training opportunities with Subaru and Chrysler for faculty
 - All fulltime faculty completed over 20 hours of technical training
 - The committee verified training hours
 - Matthew Bittner is faculty and started to complete training hours
 - David and Matthew have Subaru classes scheduled for January
 - Kelly Faley pointed out that FCA training is available at the Ontario training center – contact Cheyenne
 - Hyundai and faculty are still working on a possible relationship that could offer training for faculty
- Budget review
 - Faculty informed committee of the annual budget of about \$15,000 per year that needs to last 12 months
 - The committee was concerned about such a low amount that is meant to support a department
 - The committee recommended a large increase in the annual budget
 - Grants – David informed the committee about multiple grants

- Strong workforce and Perkins (federal) grants were awarded to the automotive department
- David – the grants have allowed purchase of new equipment: alignment machine, scissor lift, two tire balancers, two electric Switch Lab vehicles with tools and safety equipment, new toolboxes for toolroom
- New equipment and tools – David listed many of the new tools and equipment that was purchased using grant funds
- David informed the committee of recent donations from a private party, Hyundai, and Subaru
- Committee was impressed and said good job, with approval
- Curriculum review/overview
 - New certificates – David presented new certificates to the committee
 - There was a handout, listing the new certificates
 - **Manufacturer Specific Technology** – the certificate was presented to the committee. Explanation was given for the reasoning and focus of the certificate and associated courses. The committee did not have any questions, showed their support, and approved the new certificate.
 - **Alternative Fuels and Hybrid/Electric Vehicles** – the certificate was presented to the committee. Reasoning was expressed for the need of this new certificate. The committee did not have any questions and approved creation of this new certificate.
 - **Smog and Emissions Diagnosis** – the certificate was presented and discussed with the committee. The committee did not have any questions and approved new certificate.
 - Work experience class - The committee did not have any questions and approved the new course. There was a comment about the need to have students have hands-on experience.
 - Class deletions
- Class scheduling
 - Proposed 7:00am start time. The committee suggested that classes can start at 7:00am. They reasoned that many dealerships now open at 7:00am or earlier for service and would coincide with current automotive service department work schedules. OCSD starts at 6:00am.
- Department tour

Advisory Committee Input

- Annual follow-up assistance
- Evaluation and recommendations:
 - Tools, equipment, facilities, and instruction
 - ADAS – advanced driver assistance system. ADAS from Snap-on calibration tools. Driver assisted systems. Recommend an introduction course or integration into existing course. Fundamentals is important for system. ASE may have a certificate in the future for this system. Mock-ups may be valuable for instruction.
 - Recommendation to find an Autel ADAS scantool
 - Recommend inclusion of diagnosis of water leaks into the vehicles. Subaru representatives recommended including curriculum for water leak intrusion diagnosis.
 - Subaru reps recommended teaching quick lube team setup. Simulate an express team in the shop to show students how to work on a lube team at a dealership.
 - Mention of contests for students completing the fastest oil change, possibly adding it to the introduction course (AUTO-102).
 - Recommendation of CAN diagnosis curriculum, course, and tools. Can be incorporated into the AUTO-190/191 courses, since they focus on specific manufacturers.
 - Recommendation of incorporating deep research into reference material. Students should know how to look up vehicle information at a very deep level. Opportunity to incorporate into 190 and 191 since those courses are manufacturer specific. Subaru may be able to allow STIS access on multiple computers.
 - Subaru rep mentioned the issue with English, grammar, and penmanship. Recommends including more English in courses and writing assignments. Hyundai representative recommended Write-it-right from BAR and incorporation into courses. This is very important for warranty claims at dealerships.

- Recommendation of 0.5-unit course for technical writing, but also recommended that the English/writing curriculum can be incorporated into all courses.
 - Faculty said they could incorporate write-it-right into all automotive courses as part of the curriculum.
 - Recommendation of Chrysler Wi-tech and DRB-3
- Meeting day/time and food suggestions
 - The committee members all suggested to keep evening meetings.

Next Advisory Meeting – Tuesday, June 16, 2020, 6:00-7:30pm (Tentative)