



AUTOMOTIVE TECHNOLOGY TRAINING PROGRAM

Advisory Committee Meeting Minutes Skyline College, Building 10 - Room 10-004 Wednesday, October 16, 2019 Time: 11:30 – 1:40 PM

Lunch started at 11:30 AM. The meeting started at 12:00 PM

1) Lunch and Introductions

Advisory Members:

Scott Allison

Arleigh Amante

Stacie Champine

Amandeep Gosal

John Paul Guzman

Zim Gwee

Kent Inouye

Jeff Nott

Tuan Ton

David Toole

Skyline Staff:

Krista Allen

Tom Broxholm

Filipp Gleyzer

Julia Johnson

Michael Kane

Nancy Lam

Ruben Parra

Vikash Sen

Ed Yee

Everyone introduced themselves and Tom thanked everyone for attending the meeting.

2) Review of Agenda – Tom Broxholm

Made quite a bit of changes to the agenda from the initial one sent out earlier. Made a survey for mainly independent shops to see how we can improve our evening classes but it was never sent out. If we have time, hope everyone can fill out the survey.

3) Review Minutes from Spring Meeting

The minutes were approved.

4) Program Overview – Tom Broxholm

- Vikash Sen is setup to teach one semester of AUTO 721 in Fall 2019, he also works for SamTrans, the midnight shift, therefore able to teach during the day, Wednesdays are his off days, that is why he is able to be here at the meeting. As to Spring 2020, we are still unclear whether Vik can teach the whole semester.
- Introduced our new Dean, Michael Kane, a dean that understands our program and is fighting hard for our department for replacing retired faculty; have strong feeling we would get at least one replacement faculty under our new dean.

- Our day program is 100% full, and our productivity numbers look good, still running 2 weekend Smog Check Update classes, might offer 3 classes per Rick Escalambre; Rick has been back teaching these classes since Shane Lindsey could not commit after his twin girls were born. Not many places offer these Smog Check Update classes over a 2-day period, therefore very much in demand, main reason might offer 3 classes in the Fall 2020 semester. Our new dean has allowed us to run a few evening classes with low enrollment, because we need to support our apprentices, otherwise they would not be able to graduate if classes are continuously cancelled.
- We will be having discussions on how to improve our evening classes.
- We have great support from all our industry partners.
- Besides Ed Yee & Dan Ming retiring last semester, Julia Johnson is doing well in AUTO 734, Engine Diagnosis & Repair, can see the improvement with her and the class. Ruben Parra mentioned that at his Honda training session, Honda was rushing the technicians through their engines repair classes because they never did it before and now, the engines are coming up with issues; full electrical cars will not be for a while, internal combustion engines will still be around for quite a while. We will be addressing how new technology will be integrated into our teaching.
- Michael Kane, Dean of BEPP, briefly introduced himself after welcoming everyone with the support they give on behalf of our Administration & himself. He has been a dean in the California Community Colleges for the past 15 years, and been a CTE dean for 12 years. Skyline AUTO program is one of the best programs he has worked with within the seven colleges, 5 in California and 2 out-of-state, he has worked at; plan to retire after Skyline. Whenever he starts a new position, he does a SWOT (Strengths, Weaknesses, Opportunities & Threats) analysis of each program under him from data and meetings with the coordinators to go over problems and issues with their programs to make sure they are heading in the right directions, and if things need to be changed and addressed. AUTO program per the SWOT and conversations/meetings he has had with Tom addressing pre-existing issues prior to his arrival, is in great shape and doing well, impressed with what is being done in the department. Department faculty, including retirees, staff and all board members are doing their part in supporting the students to be successful in the industry. The hiring percentage of our students in the industry is great, which in turns mean we are doing a good job with the students and that is a success. Being the new dean and no political baggage, he was able to sit down with our interim President & VP of Instruction to address AUTO's issues. There really were no key issues, but a lot of hypotheticals "what ifs". The way our AUTO program is run is different from other colleges, there were lots of "what ifs", but he now has answers to most of them after meeting with the department. The other concern was whether AUTO was giving out enough Associate Degrees. Given the size of our college, AUTO is the 7th best in the State of California in handing out degrees, and the number one in issuing certificates regardless of the size of the college. We are doing a fantastic job, thereby receiving the stars from the State. The VP of Instruction fully supports what is being done in the department, and acknowledge there is need to replace

the retired faculty. There should not be a problem for one replacement this year, it started with a 5% chance when the dean first arrived, it is now maybe 55-60%. Once we get our first replacement, then will start process for the second replacement in order to get the department back to the level prior to all the faculty retirements. He had asked Tom to step back on the faculty replacement issue and it has worked in the department's favor even though Tom still is very involved in the day to day issues of the program. It is not likely we will get a temporary position for Vikash for Spring 2020, might have better leverage with negotiation once the full-time faculty position is filled. Part-time instructors cannot teach more than 2/3 of a load. Hopefully Ed Yee can return as adjunct to teach SP20 AUTO 721, otherwise we will have to turn away 24 students, which is our current biggest fear, can only offer three main core classes in the Spring.

- ADAS, Advance Driver Assistant System, how to incorporate it into our syllabus or offer it as a night class because it was overwhelmingly agreed by the Advisory Board that it needs to be taught. Some of the issues is how we bring in some of the equipment, like cameras, sensors, cruise controls, etc. We can only touch the surfaces of these subjects so the students are aware of them, and when they advance into the Ruben's class they would be prepared for the 2 weeks of ADAS materials Ruben plans on incorporating into the syllabus in Spring 2020. Joint venture grant has money to help with course development and training, will be meeting with the purse strings to see what is available.
- Instructors training – Tom did 2 weeks of Audi fast track training and Ford's train the trainer. Ruben went to several trainings over the summer, he was at Dayton, OH, for ADAS. They either drove or were driven in semi-autonomous vehicles, the best was Tesla, Mercedes was the worse where he nearly drove into a wall, and the Cadillac was middle of the road. When it comes to new technologies, schools are always behind, but fortunately, there are plenty of materials out there for us to incorporate some if not all into our curriculum. While in Dayton, he took a side trip to Columbus, OH, and in downtown Columbus, they have a cordoned off area for the autonomous vehicles. One makes a selection, let it know where you want to go and it will take you there; there is a person there, but does not do anything except hold a big red button in case anything happens. The person really has no chance of pressing the button because the car will press the button itself due to all the sensors it is equipped with. Ruben was pretty impressed because they were given a tour of the city in the autonomous and got to see different manufactures and how they are approaching it. They also learned diagnostics, if one took Lane Keep Assist, Active Cruise Control & Automatic Braking, by grouping them together we have an autonomous car. Honda does not have too much autonomous ADAS systems, and he noticed a separate group of students, they were technicians learning to tear down engines. Vehicles will drive themselves, but will not fix themselves.
- Julia's updates on internship is that she only have 7, really 5 students for the internship, so no Hiring Day this semester, students will be contacting the employers individually, and thank you to all that have posted jobs on our website. One of the reasons we do not have

many interns is because majority of our students are already working in the industry, and the few that are not in industry related jobs do not want to give it up.

- Our next Driving Your Future (DYF) event will be November 13, 2019 in the new Building 12, after a tour of our facilities, we will be hosting a BBQ lunch for the students. Brian Reidy will be our guest speaker that day.
- Skyline Automotive will be hosting the upcoming California Automotive Teachers (CAT) on April 24-25, 2020. Approximately 200 automotive teachers from across California will be attending. We offer workshops mainly on the 25th, mainly like train the trainers type of workshops that they can take back to their classrooms. The 24th is mainly pre-conference, and we offer a few tours to our surrounding neighborhood. Everyone is welcomed to come up to see what is offered.
- Andrea Vizenor & Cherie Colin from Outreach & Marketing are not present, so will be showing a few promotional videos we plan to use on social media & our website that Marketing have helped put together for us. These videos were made possible by some grant money we still have.
- Last semester per Ruben, students taking the ASE examinations did good; this semester not many students have shown an interest, but it takes a bit of time to coax the students & always when close to exam time, students enroll at the last minute. Students seems to like the exams because it exposes them to the ASE tests and what to expect. It gives them a certain benchmark that ASE certification is a top tier but he sees it as a minimal; he tells his students that they should at least have their ASE certifications as the starting point and move forward from there.
- Tom said NATEF certification is coming up soon, and Ruben said he has to talk about that separately because it has to officially be entered into the minutes as a sub topic.
- Ruben said he has been assigned the task of our NATEF certification, which now has been renamed ASE Educational Certification, educational institutes like Skyline College thrive to achieve because it is difficult to achieve & keep. We were granted an extension from our recertification from last year, which was finished in Spring 2019. It took a little longer to submit and now the next certification is due. Still have the names of the member names on the last recertification, so will be contacting the members for this round of certification. Our certification expires June 1, 2021, but we need to submit everything at least 6 months prior to expiration, which will be November 1, 2020. Would like to complete the renewal with the Advisory Board by Fall 2020, therefore would like the committee members to start Spring 2020. Today is the first notification of recertification, Fall 2019 at this Advisory Board meeting. By our next Spring 2020 meeting, he will have the forms for the designated Advisory members as our official certification and move forward from there. Besides the Advisory Board meetings here, it will require at most 2 meetings on site to discuss and look at the facilities to see what kind of changes are recommended.
- Went over the start dates of evening and weekend classes offered for Fall 2019. The only changes are the weekend Car Care Basics for Women, which used to be a two-part half day classes for 0.5 unit, it is now grouped together as a 4 half day classes for 1 unit. One of our

goals is to put together a generic poster of upcoming classes that can be put in shop waiting rooms or on counters.

- Review task list for AUTO 734, Engine Diagnosis & Repair curriculum, Julia checked off all that is taught per NATEF task list, she also added subjects she teaches that is not on the NATEF task list. The current curriculum is fully developed by her & pretty much covers everything because the previous engine class did not have the structure nor curriculum. We are required to teach 95% of Priority 1, 80% of Priority 2, and 50% of Priority 3. Requested members to review and give us feedbacks on what are relevant and what are not, whether other areas need to be taught.
- Board members still strongly believe basic fundamental automotive must be taught before moving onto new technology.
- Will slowly incorporate hybrid/electric and ADAS awareness into each session of our program.
- For marketing, planning on having Kalon Behravesh go out to the shops to hand out flyers to promote our evening classes. Would like to send out a survey to see what type of evening classes to offer and reasons why technicians are not taking classes. Jeff Nott said he is often at the independent shops, he can pass out flyers and survey.

5) Board Members Comments & Discussions

Suggested we offer more weekend hands on update classes.

Next Meeting: April 15, 2020

The meeting was adjourned at 1:40 pm