

# Palomar College

## Automotive Technology Advisory Committee

November 3, 2021

### 1. INTRODUCTIONS

Tony Fedon led Introductions at 6:00 p.m. Advisory Board Members present included:

Jeff Pizzella	Firestone Auto Center Lead Technician
Eric Newbauer	Torrey Pines High School – Mira Costa College – Automotive Instructor
Joey Nadolski	San Dieguito Academy – Automotive Instructor
Tim Latulippe	Escondido High School – Palomar College – Automotive Instructor
Bruce Reaves	Job Placement Specialist – Palomar College
Rob Parker	Cowley Auto Group Service Manager North County Ford
Jim Spotts	Crowley Auto Group Service Manager North County Cadillac Buick GMC
Antonio Perez	Former Hoehn Auto Group Technician – Palomar College Instructor
Kevin Murray	MCE Racing
Steve Bertram	Palomar College Retired
Marco Gamez	Orange Glen High School – Automotive Instructor
Wes Bertram	Valley Center High School – Automotive Instructor
Rita Stansell	Smogs by Rita – Palomar College retired
Garrett Fritch	Carlsbad Toyota – Team Lead
Glen Hosington	Coastal Car Care - Owner
Cory Hosington	Coastal Car Care – Former Student
Victor Serrano	Premier Cadillac Buick GMC Carlsbad – Palomar College
Stewart Miller	Premier Cadillac Buick GMC Carlsbad – Palomar College
Nick Christie	Hoehn Mercedes, Carlsbad
Sergio Hernandez	Diesel Instructor Palomar College
David Wright	Auto Body Instructor Palomar College
Dean Susan Wyche	Dean – Palomar College
Melissa Adan	Division Administrative Assistant – Palomar College
Tony Fedon	Auto Technology Instructor - Palomar College
Jennifer Anderson	Trade & Industry Department Chair/CFT Instructor – Palomar College

#### Absent:

Liz Micklos	Crowley Auto Group VP Ops
Tim McCreary	Vista High School – Automotive Instructor
Sean Hosington	Coastal Car Care – Former Student
Lance Ponce	Mercedes of Escondido Shop Foreman
Diana Pacheco Quintero	Ford Zone Manager
Sean Gharabaghi	Mitchell 1 Service Information
TBD	Ford Western Region Representative

## 2. CHANGES AT THE COLLEGE

- COVID-19:
  - Hybrid vs Face to Face (for spring): Tony shared that Zoom is working but not ideal; can't pass around parts for students to observe. We've developed courses with real online deliverables and skill-based learning to work through a diagnostic scenario. We've had F2F during the summer and it worked fine but the variant is still causing challenges and hurdles in the consistency of what is offered.
- Administration
  - New Dean: Susan Wyche
  - New President Star Rivera-Lacy
  - New Trade & Industry Department Chair Jennifer Anderson
- Steve Bertram Retired June 30<sup>th</sup>
  - Special time is planned at the end of this meeting to celebrate Steve's retirement.

## 3. FOUNDATION AND FUNDS

- Budget requested increase
  - Fixed not variable funding
    - Replacement for Steve Bertram
    - Replace Instructional Assistant

## 4. PRP (Program Review and Planning)

- Engines needed for rebuild class in spring
  - Injected, Direct Injected, Turbocharged, Mix
    - Need 8 engines - what type to get: injected, direct inject (3.7 v6), turbocharged, or mix? Tony asked if AT should work on direct inject with turbo and half of the attendees agreed. Garrett Fritch stated that those are the majority of what they work on at Toyota. Rita Stansell added that there are still several types that are worked on. Steve Bertram suggested that students with older engines may have the option to bring in own engines to work on. He shared a student – Gabe Yohnert – whose success story started with working on his own engine and is now a very successful technician. Should we focus on later or newer tech, or ask the students? Glen Hosington added that they will still need to know the basics and how they work. Should we focus on 4-4cy or 4- v6? Cory Hosington said that it would be helpful to see different engines 4cy, v6, direct injection, forced injection - a smorgasbord of engines. Garrett recommended turbos as well. Tony said he can get older parts from the junkyard. He shared that we have an old Camry that can be used for basic operations. Tony asked if all approved the above and it was approved and seconded.
- New Program Hybrid, Alternative Drivetrains
  - Tony said that President Rivera-Lacy will invest in electric/hybrid, but nothing has materialized yet.

- Parking for Trainers
  - Tony expressed the need for room and lighting in a designated area in Parking Lot 12. He made a motion to approve and all approved and it was seconded.
- Electronic Service Tools
  - Snap-on Zeus
    - Tony Reported that the Verus tools are old – there is Maximus from Matco but it isn't efficient. Snap-on has an exchange program, offering Zeus - a \$63K value for \$34K with trade-in of our Modus and Barris. Per Sergio, it is part of the Legacy program. \$10K is needed for yearly upgrades but can get free upgrades if we provide certificates. There is a choice of 5 or 10 pack for Zeus. Advisory was asked if we should get it. Shur Track is used only as a compass - can we use 10? Rita asked how many students are typically in class because that would determine the need. Tony stated that our class size dropped to 16 but enrollment should return to original class size projected by Fall 22. How many machines vs. students: 2 students/machine max, upgrade to 10 units because may not have exchange program later. Sergio shared that prices will be going up January 1 and we consider availability. Nick added that we should also consider the PICO scope and Garrett agreed, adding that they use it all the time. Tony asked if we should hold off on Zeus. He feels strongly that we should pursue because he worked hard with Snap-on for this opportunity. He proposed the motion to replace Legacy Modus and Barris, keep Vantages for older stuff. Consensus: all approved and it was seconded.
- Second Service Information System
  - All Data or Identifix
    - Mitchell Pro Demand: smart plug torque – can't find info or identify like All Data. Tony made a motion for All Data, an additional \$1400/year. Consensus: approved and seconded.

## 5. NEEDS FROM INDUSTRY COMMENTS

- It was asked if we can get Adas from Hunter?
- Tim shared that UTI does a great job and sends a rep to the high schools for UTI. More have reps should come to high schools, it's very helpful! WES only deals with Ford, so that can be a hindrance. Tony added that our ISA is supposed to do outreach to high schools but haven't since we've been short-staffed.
- Stewart asked if can we get more laptops. Tony agreed and added that our current ones are not effective because they don't work with new system, taking 15 minutes to boot up. We've put in a request for more laptops for a cost of \$68K (ref: goal #5). Tony made a motion to approve: Consensus: All approved.

## **6. PRESENTATION TO STEVE BERTRAM**

Tim shared that Steve's father Larry, left Escondido High School and started the Auto Tech Program in 1967 and the Palomar College Auto Club. He had a Little Giant Ford Prefect, converted the front engine into a dragster and raced it at the Carlsbad and Orange County Raceways. Steve was 10 and helped with the car. Gerry Latulippe, Tim's father joined the faculty and Larry and Gerry were the backbone of the Automotive Program. Steve graduated and then helped teach in the evening while earning his Master's Degree. Larry retired and Steve applied for his full-time position.

Steve was Department Chair for three terms during and earned a Distinguished Faculty Award. Father and son together contributed 50 years to the Palomar Auto Tech Program.

Tim recalled the old N building. It only had a men's bathroom, and a tool room that had a unique odor. When his father retired, he was proud to step in his father's shoes. He gave Tim the keys to take over, including the special key for the cabinet on the right which stored the good tools.

With heartfelt gratitude, Tim presented this special cabinet key to Steve. He also presented an auto-themed plaque of appreciation to Steve, along with a special consideration plaque to Steve's brother Wes. Tim shared how happy he was to be a part of the legacy started by Larry and Gerry.

Steve shared his thanks with everyone and was presented with more gifts to celebrate his retirement.

The meeting was adjourned at 7:39 p.m.

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