

**Transportation Regional Advisory Committee
(Auto Body & Automotive Technology)
Advisory Committee
www.mjc.edu/teched**



May 16, 2017
5:30pm – 7:00pm
Modesto Junior College (West Campus)
Sierra Hall Building Rm. 235
Modesto, CA

Meeting Minutes

In Attendance:	Absent:
Jeff Beebe, MJC Auto Body Collision and Repair	Brent Burnside, Burnside Body Shop
Keith Cash, Balswick Tire & Auto	Joshua Bennett, Oakdale High School
John Haley, American Chevrolet	Deven Chew, MCOE Automotive/ MJC PT Instructor
Doris Foster, Stanislaus Alliance Worknet	Jay Clark, O'Reilly Auto Parts
Tony Medina, (Alfred Mathews Collision Center)	Leonard Corgiat, Engine Renu/ MJC PT Instructor
Pedro Mendez, MJC CTE & Workforce Division	Dan Craig, Bureau of Automotive Repair
David McKenzie, Patterson High School Automotive	John Davis, McDowell Towing & Auto Inc./MJC PT Inst.
TBD, PPG Industries	Terry McConnell, Dan's Automotive Repair
Ernie Ramsey, Kruse Lucas Body & Paint	Dean Massey, Turlock High School Auto Body
Roy Sanchez, Caliber Collision	Ruben Parra, MJC & Skyline Community College
Ray Van Loon, Auto Industry Paint Co.	Robert Kyle, Motor Parts Distributors
Josh Williamson, Snap On Diagnostics	Aaron Walker, Walker's Automotive
	Gerald Wray, MJC Automotive Technology
	Cindy Young, SCOE

5:30pm – 5:40pm	Welcome	Pedro Mendez, <i>Dean</i> Career Technical Education
-----------------	---------	---

P Mendez welcomed attendees to the MJC West Campus. Advisory committee members introduced themselves.

5:40pm – 6:15 pm	Review of Programs <ul style="list-style-type: none"> ○ Modesto Junior College ○ Patterson High School 	Schools
------------------	--	---------

MODESTO JUNIOR COLLEGE: Programs information was presented by P Mendez and J Beebe. Information covered courses planned by semester (summer 2017, fall 2017, spring 2018, summer 2018) [See Attached Documents]

**Transportation Regional Advisory Committee
(Auto Body & Automotive Technology)
Advisory Committee
www.mjc.edu/teched**



- P. Mendez presented for Mr. Gerald Wray. The Automotive Technology program is designed and aligned to ASE A1 – L1 standards (clearly denoted in course title). The program is a 3-semester program boasting student options during the summer, fall and spring semesters. Beyond the ASE area standards, the program offers Automotive Service Management, Alternative Fuels, B.A.R. Clean Air Car Course and SMOG Update classes. The program serves a range of 250 to 270 enrollees (estimated 150- 175 students) each semester across 65-80 hours of instruction per week. Finally, it has now been a year of ASE Testing services offered at the MJC Campus via our college testing center (information was handed out). The advisory committee was provided the sequence of day and night classes for the 2017-18 academic year for input.
- J. Beebe presented on the Auto Body Program at MJC. The program continues to serve a range of 55 – 70 enrollees (estimated 40-45 individual students) each semester across 30 hours of instruction per week in Collision and Refinishing. The program is a day program. Retention and Success rates are exceptional. Mr. Beebe typically has a range of 15 to 20 students completing each academic year. ICAR is also incorporated into the program. Presently, Jeff Beebe (MJC) and Tony Medina (Alfred Mathew) are working on expanding ICAR to the college campus for expanded training for professionals in the field. This will bring a better learning environments for technicians working in industry to arrive at a school environment to continue to develop. The MJC Auto Body program also has a successful history students into local shops, routinely. However, there is a need for closer work between employer and schools so that these students are not recorded as drop outs. The group discussed internships, work experience efforts to support schools, hiring needs and development of new technicians.

Industry Feedback: Members were in support of (1) ICAR growth partnership to centralize training for industry and (2) Internships – Work Experience due to need for workers in the industry. Industry is supportive of working with Modesto Junior College, Stanislaus Alliance Worknet, and High Schools to develop a more predictable pipeline and process for student opportunities. T Medina requested we place on agenda for next meeting.

TURLOCK HIGH SCHOOL: No update. Instructor D Massey was not present.

PATTERSON HIGH SCHOOL: Instructor D McKenzie presented on the Patterson program.

- Program serves about 25-35 students. Program exposes students to work with common shop tools, braking systems, suspension and drive train. Sequence of classes includes: Small Engines (freshmen), Automotive Mechanics (juniors) and Automotive II (seniors). UTI is a major recruiter of students. Instructor estimated about 80 students to UTI over the years.

**Transportation Regional Advisory Committee
(Auto Body & Automotive Technology)
Advisory Committee
www.mjc.edu/teched**



Action Items: (1) PHS Automotive Program classroom visitations from industry and MJC program faculty and (2) Explore articulations and/or pathway agreements with MJC.

Industry Feedback: School should emphasize education for students on financial difference and program options between private and public schools. Private schools are a much deeper investment. The college has certificate options where students can complete in 10 months to 18 months.

OAKDALE HIGH SCHOOL: No updated provided. Instructor J Bennet was not present.

6:15pm – 6:40pm	Items for Review and Vote	ALL
-----------------	---------------------------	-----

- High School Programs: The advisory committee was asked to consider the evaluation and making of motions to re-validate the importance of the high school programs and there continued need. The following motions were made:
 - Patterson High School Automotive Programs:
 - Motion to re-affirm value and continuance of program [J Beebe],
 - Second: [T Medina],
 - No discussion
 - Vote: Ayes – 11, Nays – 0, Abstentions – 1 [PHS]
 - Oakdale & Turlock High School Automotive Programs:
 - Motion to re-affirm value and continuance of program [T Medina],
 - Second: [PPG],
 - Discussion Item: Advisory industry members requested summary of both programs as a follow up to meeting minutes. P Mendez would be reaching out to both schools.
 - Vote: Ayes – 12, Nays – 0, Abstentions - 0
- Modesto Junior College Automotive and Auto Body Program: The advisory committee was asked to consider the evaluation and making of motions to re-validate the importance of the community College programs and there continued need. The following motions were made:
 - Automotive & Auto Body Programs:
 - Motion to re-affirm value and continuance of programs: skills recognition awards, certificate and degrees [J Haley],
 - Second: [E Ramsey],
 - No discussion
 - Vote: Ayes = 10, Nays = 0, Abstentions = 2 [MJC]
 - Automotive and Auto Body Program Course Pre-Requisite Courses: Course sequence were presented to the advisory committee around the sequence of requirements of

**Transportation Regional Advisory Committee
(Auto Body & Automotive Technology)
Advisory Committee
www.mjc.edu/teched**



classes that students need to follow in the program. P Mendez explained this review is also required for college CTE programs to ensure programs are gathering input on appropriateness of program course sequence design for students.

- Motion: Accept Automotive and Auto Body pre-requisite courses presented for programs on the May 2017 advisory meeting agenda. [R Van Loon],
- Second: [D McKenzie],
- No discussion
- Vote: Ayes =10, Nays = 0, Abstentions =2 [MJC]

6:40pm – 7:00 pm

Industry Needs and Feedback

ALL

May 2017 Advisory Industry Feedback:

- Industry has an immediate need for people. Need bodies to fill human resource needs. J Williamson, “We have a need for 2-3 FT right now. Testing diagnostic scanners, documenting and communicating back information to engineers.” J Haley, “American Chevrolet have very good career packages for technicians... there is opportunity in express shop, but it is finding the right fit. Good opportunities.” Work ethic, understanding career opportunities and a shop environment is critical.
- Employees that are passionate about the industry, contributing to the business and their profession.
- Need for Technicians not only with the basic training but also with the ability to problem solve and be system thinkers (systems and sub systems; wire diagrams)
- Need to bring in a personally like Mike Rowe to go to schools and help change the message.
- Field Trips are important for students.

Spring 2016 Advisory Industry Feedback:

- Automotive Mechanics today must have a unique level of talent and skill that involves right brain and left brain thinking, constantly. Customer relations, team communication skills, computer skills and research and mechanical and diagnostic happen frequently throughout their work day.
- Comprehensive set of class at MJC.
- Internships (Paid) are options to explore. *Worth noting it was discussed in last academic year’s advisory meetings.*
- Schools need to continue to work on attracting serious Auto students. This may require exploring Academy style models.
- Auto Parts class is also an important sub topic. Many students are landing here as they go through school.

7:50PM Advisory Meeting Adjourn

**Transportation Regional Advisory Committee
(Auto Body & Automotive Technology)
Advisory Committee
www.mjc.edu/teched**



**Next meeting: October 2017 [Automotive Month] – Modesto Junior College
To Be Announce and By Mail Invitation**

MEETING ACTION ITEMS FOR NEXT MEETING REPORTS:

- High School Visits:** MJC will visit Turlock HS and Patterson HS programs in May 2017
- MJC Campus Open House:** MJC will coordinate a day with Turlock, Patterson, Oakdale and Merced COE to visit the MJC West Campus in Fall 2017
- Auto Parts Course:** MJC Faculty will review options to create or include content in program.
- CTE Pathways in Automotive and Auto Body:**
 - a. Patterson HS and MJC need to develop formalized program paths for students
 - b. Oakdale and MJC need to develop formalized program paths for students
 - c. MJC and Turlock will continue to offer on-site classes at Turlock HS.
- Internships:** MJC, Stanislaus Alliance Worknet and Industry will work on a student employment transition process
- ICAR Expanded Program:** MJC will work to established expanded program to begin Fall 2017

**Transportation Regional Advisory Committee
(Auto Body & Automotive Technology)
Advisory Committee
www.mjc.edu/teched**



ATTACHMENT: SCHEDULE

MODESTO JUNIOR COLLEGE UPDATE

2015/16 Academic Year

Summer 2015	Fall 2015	Spring 2016
AUTEC 311 (2) AUTEC 321 AUTEC 320 AUTEC 315	AUTEC 200 AUTEC 311 (4) AUTEC 368 (2) AUTEC 369 AUTEC 321 AUTEC 322 (2) AUTEC 324 AUTEC 373 AUBDY 301 AUBDY 302 AUBDY 303 AUBDY 322	AUTEC 200 AUTEC 311 (4) AUTEC 368 (2) AUTEC 317 (2) AUTEC 319 AUTEC 322 AUTEC 323 AUBDY 301 AUBDY 302 AUBDY 303 AUBDY 321

2016/17 Academic Year

Summer 2016	Fall 2016	Spring 2017
AUTEC 311 (2) AUTEC 315 AUTEC 321 AUTEC 320 AUBDY 321	AUTEC 200 AUTEC 211 AUTEC 311 (4) AUTEC 321 AUTEC 322 (2) AUTEC 324 AUTEC 368 (2) AUTEC 369 AUBDY 301 AUBDY 302 AUBDY 303 AUBDY 322	AUTEC 200 AUTEC 311 (4) AUTEC 317 (1) Move Second to Summer 2017 AUTEC 319 AUTEC 322 AUTEC 323 AUTEC 368 (2) AUBDY 301 AUBDY 302 AUBDY 303 AUBDY 321

2017/18 Academic Year

Summer 2017	Fall 2017	Spring 2018
AUTEC 200 : Auto Service/Management AUTEC 311 (2): Intro to Automotive Systems AUTEC 321: Brakes AUTEC 369: Auto Electricity II AUTEC 320: Engine Performance	AUTEC 200: Auto Service/Management AUTEC 211: Alternative Fuels AUTEC 311 (5): Intro to Auto Systems AUTEC 321: Brakes AUTEC 322 (2): Steering and Suspension AUTEC 324: Automatic Transmissions AUTEC 368 (2): Auto Electricity I AUTEC 369: Auto Electricity II AUTEC 373: BAR Clean Air Car	AUTEC 200: Auto Service/Management AUTEC 311 (4): Intro to Auto Systems AUTEC 317 (2): Air Conditioning AUTEC 319: Fuel Systems AUTEC 322: Steering and Suspension AUTEC 323: Automatic Transaxles AUTEC 368 (2): Auto Electricity I

**Transportation Regional Advisory Committee
(Auto Body & Automotive Technology)
Advisory Committee
www.mjc.edu/teched**



AUBDY 321: Auto Body Spray I	Course	AUBDY 301: Auto Body Collision I AUBDY 302: Auto Body Collision II AUBDY 303: Auto Body Collision III AUBDY 321: Auto Body Spray Ref. II
------------------------------	---------------	---

MJC Auto Body Collision

A.S. Degree: Auto Body/Refinishing (30 units in Major + 30 Units General Ed)
Certificate: Auto Body Collision Repair (19 Units in Major)
Skills Recognition Award: Auto Body/ Refinishing (10 Units in Major)

MJC Automotive Technology

A.S. Degree Automotive Technician (32.5 units)			
Certificate: Automotive Brakes & Suspension (17.5 Units)	Certificate: Automotive Engines & Transmissions (21 units)	Certificate: Automotive Service (31.5 units)	Certificate: Diagnosis ()

Industry Certifications and Services:

1. ICAR Points (Auto Body Program)
2. ASE Aligned Classes (Automotive)
3. Prometrics ASE Industry Testing (MJC Testing Center)
4. ATG Workshops
5. O'Reily Auto Parts Workshops
6. **Coming Soon: ICAR Industry Training**
7. **Coming Soon: Career Service Center (Employment Center)**

TOP NEEDS:

1. Internship & Work Experience Opportunities for Students
2. Raising Funds to Sponsor Mustang Build/Porsche Project [\$35K]
3. Spring Experiment Vehicle Project Donations]
4. Student SEMA Trip Support
5. Student Scholarships
6. Marketing Program