

CALIFORNIA CATERPILLAR DEALER SERVICE TECHNOLOGY COUNCIL

THINKBIG ADVISORY BOARD MEETING

MINUTES

May 15, 2024

San Joaquin Delta College Shima 113 and On-Line Zoom Meeting

PRESENT: Jon Kramer, Chairman, Quinn CAT
Paul Kessel, Vice Chair, Hawthorne CAT
Louie Heflen, Holt of California CAT
Rebecca Steinke, Peterson CAT
Rick Guantone, San Joaquin Valley Automotive Trades JATC
Sarah Verret, Quinn CAT
Trisha Banks, Hawthorne CAT
Pedro Mendez, SJDC, Acting Associate VP CTE & Workforce Dev.
Kelly Arceo, CTE Success Coach
Sean Alford, SJDC Instructor
Brad Hannan, SJDC Instructor
Mike Holden, SJDC Instructor
Shondra Kaufman, SJDC, Fiscal Analyst

Jon Kramer called the meeting to order at 1:30 am

1. Minutes of Previous Meeting:

The minutes of the August 15, 2023 meeting were approved by a motion from Jon Kramer, seconded by Louie Heflen and carried by unanimous vote.

2. Business Office Report on Caterpillar Dealer Tech Council Account and the CAT Foundation Account

Sandra Kaufman provided a review of the Caterpillar Dealer Tech Council Account (General Fund Account) and the CAT Foundation Account budget line items, expenditures, revenue line items and balances. They were excellent in providing an overview of the accounts. The General Operation Account budget fund balance is \$292,576.81. The CAT Foundation Account budget fund balance is \$129,431.

FYI

The dealers developed a new policy to forward their Fall apprentice funding checks to Brad by August 31 of each year. Brad will then ensure that the checks are deposited in the Caterpillar Dealer Tech Council Account. The 2024 Apprentice Funding amount was unchanged at \$3500.00 per apprentice.

3. Student Recruiting

Current Cohort Seat Count Targets for Fall 2024

Hawthorne	2
Holt	9
Peterson	10
Quinn	<u>14</u>
Totals	35

**Hawthorne
HTAP Program 4**

4. Funding Requests

The faculty provided a list of Curriculum Revisions and Equipment for approval of the Committee. The funding may be provided from Strong Workforce Funds, Perkins funds and/or CAT Operational and Foundation accounts.

The list was provided for review by the committee with the following Actions.

1. Change CAT 92 to a 3-unit course because the newly updated CAT provided curriculum is much more substantial, purchase equipment/engines to support the newly updated CAT 92 curriculum. We have a C7 (rail) and a C10 MEUI engines in the storage; can we outsource creating a stand with radiator (could be simple tank)/batteries/tank, maybe a price check?

Approved by a unanimous vote with a motion from Louie, and seconded by Rebecca Steinke

Once the curriculum is revised, it will need to be presented to the JATC for approval.

2. Ask if there is an educational flash file that we can use so we don't need factory passwords during bugs

Jon will talk with TC Dave for password

3. Discuss if we should get some engines/equipment with 4-liter engines, 7/9-liter engines, 15 liter engine run stands with DPF and SCR

Purchase- quote on machines- The engines/equipment with 4-liter engines, 7/9-liter engines may be purchased with CAT funding.

run stands- 420 backhoe- Strong Workforce funding or Perkins funding – NOT DEALER FUNDING.

Approved by a unanimous vote with a motion from Louie, and seconded by Rebecca Steinke

4. Discuss if we should purchase new equipment (emission compliant equipment)

It was suggested to Research the 430 and get quotes

5. Discuss if we should purchase a new backhoe

6. Discuss if we should start using CAT Inspect
Include in the CAT 80 Course and start building curriculum- Look into information Approved
7. Discuss if we should start flashing ECMs; maybe get equipment with multiple ECMs
Research possible equipment and get with TC's
8. Discuss if T4I/F should stay in CAT 94
Revise curriculum- Approved

Items 9-16 were Approved by a unanimous vote with a motion from Louie, and seconded by Rebecca Steinke

9. Discuss if we should outsource the building engine run stands from engines we already have
10. Discuss rewriting INDUS certs so that they are more streamline and relevant. (See attached)
11. Discuss writing AGEGR certs for AG Production
12. Discuss an AGEGR course for belts/pulleys/chains/sprockets, rigging and other topics regarding a production facility
13. Discuss creating/revising AGEGR 33 Equipment Maintenance and Operation course to meet current industry requirements. Also articulating the course with Chico and other colleges/schools
14. Create a Maintenance Worker Program (maybe called Industrial Maintenance Worker Program or something similar) degree, certificate, and classes. The Industrial Maintenance Worker Program degree/certificate may utilize newly created classes and/or existing classes.
15. Create an Environmental Technology Program and courses (maybe called Environmental Technology Program or something similar) degree, certificate, and classes. The Environmental Technology Program degree/certificate may utilize newly created classes and/or existing classes. Courses can include water (i.e. recycling, treatment, conservation, and waste water)
16. Change DIESEL 99 to a 3-unit class adding DD13/DD15 Fuel System Diagnostic. Also add curriculum concerning DOC, DPF, and SCR (diesel after treatment technology).
17. Purchase diagnostic software and hardware to troubleshoot a DD13/DD15.

18. Update the DPC list so that it can put into the JATC binders that are handed out to the freshman in August

[Instructor updates to be completed and forwarded to Rick Guantone by July 12th](#)

[Approved by a unanimous vote with a motion from Louie, and seconded by Rebecca Steinke](#)

5. CAT Global Conference

The CAT Global Conference will be in Peru this coming year. Brad may be attending.

6. Apprentice Orientation

The Apprentice Orientation is scheduled for Tuesday August 13, 2024 @ 9:00

7. Calendar of Events

- JATC Meeting – [Tuesday August 13, 2024 8:00 am](#)
- ThinkBIG Freshman Orientation – [Tuesday August 13, 2024 9:00 am](#)
- ThinkBIG Advisory – [Tuesday August 13, 2024 1:00-4:00 pm](#)
- ThinkBIG Freshman Start of Classes – [Aug 16, 2024](#)
- Construction Trades Career Fair – [November 20, 2024](#)
- FFA National Convention, Indiana – [October 23-26, 2024](#)
- ThinkBIG Graduation & BBQ – [May 15, 2025](#)
- Caterpillar ThinkBIG Worldwide Conference , Peru –, [2025](#)

8. Max Jones Jr. Memorials

Naming of Classroom/Lab for Max Jones

Brad will report on the progress at the next meeting.

9. AJOURNMENT:

The meeting was adjourned at 3:15 pm

Respectfully Submitted

Rick Guantone

Agriculture Engineering Certificates 2024 Version			
Year 1			
Semester		Agriculture Engineering Production Plant Level 1 Safety	Units
1	1	INDUS 20 Industrial Safety	3
1	2	INDUS 94 Industrial Mathematics and Algebra	3
1	3	ELEC 29A Fundamentals of Electricity I	3
1	4	AGBUS 15 Agribusiness Computer Applications	3
2	5	AGBUS 17 Leadership in Agriculture	2
2	6	CUL ART 3 - Sanitation and Safety	2
2	7	Machine 16 Machine Tool Process	3
2	8	ELEC 29B Fundamentals of Electricity II	2
		Total	21
Year 2			
Semester		Agriculture Engineering Production Plant Level 2 Mechanical	
1	1	E TECH 47 Introduction to Industrial Control Systems	3
1	2	ELECT 17 Robotics/Automation Introduction	4
1	3	HVACR 70A Refrigeration and Air Conditioning	2.5
2	4	HVACR 72A Introduction to Residential Gas Heating	2.5
2	5	INDUS 31 Industrial Hydraulics	4
2	6	Welding 10 Basic welding for the trades	4
In the future maybe add the following 3 unit courses:			
Maybe/Need to build a course AGEGR course on belts, chains, rigging/lifting			
Reactivate and update AGEGR 33 Operations course and add to certificate either Level 1 or 2. (in process)			
		Total	20
# of classes	14	Grand Total	41
		TOP 0113.00 CIP 01.0401	

Agriculture Engineering Certificates Old Version 2023			
Year 1			
Semester		Agriculture Engineering Production Plant Level 1 Safety	Units
1	1	INDUS 20 Industrial Safety	3
1	2	INDUS 94 Industrial Mathematics and Algebra	3
1	3	Machine 16 Machine Tool Process	3
2	4	CUL ART 3 - Sanitation and Safety	2
2	5	ELEC 30 Fundamentals of Electricity (replaced by ELEC 29A and ELEC 29B summer 20	5
2	6	Welding 10 Basic welding for the trades	4
		Total	20
Year 2			
Semester		Agriculture Engineering Production Plant Level 2 Mechanical	
1	1	E TECH 47 Introduction to Industrial Control Systems	3
1	2	ELECT 17 Robotics/Automation Introduction	4
1	3	HVACR 70A Refrigeration and Air Conditioning	2.5
2	4	HVACR 72A Introduction to Residential Gas Heating	2.5
2	5	INDUS 31 Industrial Hydraulics	4
In the future maybe add the following 3 unit course:			
Maybe/Need to build a course AGEGR course on belts, chains, rigging/lifting			
		Total	16
# of classes	11	Grand Total	36
		TOP 0113.00 CIP 01.0401	