**RIO HONDO COLLEGE**

**CAREER & TECHNICAL EDUCATION DIVISION**

**HEAVY EQUIPMENT TECHNOLOGY (HET)**

**ADVISORY COMMITTEE MEETING**

**November 2, 2018**

**Meeting Minutes**

1. **Call to Order**

Drew Balandis called to order the meeting of the Heavy Equipment Technology Advisory Committee at 9:05 am on November 2, 2018, at Rio Hondo College, Room T157.

1. Introductions

The following persons were present:

Drew Balandis Johnson Lift/Hyster

Jay Nossett City of Whittier

Marius Dornean Rio Hondo College

Aaron Perez Rio Hondo College

1. Approval of Minutes

Drew Balandis asked the committee to review the minutes from May 11, 2018. Jay Nossett moved that the minutes be accepted as written. Aaron Perez 2nd the motion. The minutes were approved as written by unanimous vote.

1. Report of Previous Meeting

Marius Dornean gave a brief report of the previous meeting.

1. **Program Update**
2. Brief Status Report of the Program

Marius Dornean reported to the committee the class results for the following semesters:

Spring 2018 Student Grades

1. HET 101 – Intro to HET – Monday/Wednesday nights (8 Students)

a. Pass (3) – 37.5%

b. Fail (2) – 25%

c. Drop (3) – 37.5%

2. HET 106 – Electrical Fundamentals – Tuesday/Thursday days (13 Students)

a. Pass (6) – 46%

b. Fail (5) – 38%

c. Drop (2) – 16%

3. CWE 299 – Directed studies (5 Students)

a. Pass (3) – 60%

b. Fail (2) – 40%

4. HET 107 – Heavy Equipment Operation, Performance and Adjusting

Tuesday/Thursday nights

* Class offered has been cancelled due to low enrollment (4 students)

5. HET 051 – Outdoor Power Equipment Operation and Maintenance

Monday/Wednesday days

* Class offered has been cancelled due to low enrollment (3 students)

Summer 2018

1. HET 101 – Intro to HET – Tuesday/Wednesday/Thursday days

* Class offered has been cancelled due to low enrollment (4 students)

Marius Dornean also reported the status of classes for the Fall 2018 semester:

Fall 2018

1. HET 101 – Intro to HET – Monday/Wednesday days
   * Started with (20) students
   * (7) students dropped
   * (13) students currently enrolled
   * (8) students have a passing grade at this time
2. HET 106 – Electrical Fundamentals – Monday/Wednesday nights
   * Started with (20) students
   * (2) students dropped
   * (18) students currently enrolled
   * (11) students have a passing grade at this time
3. HET 107 – Heavy Equipment Operation, Performance and Adjusting

Tuesday/Thursday nights

* + Class offered has been cancelled due to low enrollment (1 student)

1. HET 051 – Outdoor Power Equipment Operation and Maintenance

Tuesday/Thursday days

* + Class offered has been cancelled due to low enrollment (3 students)

Future Class Schedule: Spring 2019

1. HET 101 – Intro to HET – Monday/Wednesday nights

2. HET 106 – Electrical Fundamentals – Monday/Wednesday days

3. HET 107 – Heavy Equipment Operation, Performance and Adjusting

Tuesday/Thursday nights

4. CWE 290 – Student Internship – Open enrollment

1. Curriculum

Marius Dornean reported that the following classes have been approved by the curriculum committee and will be listed in the 2019 College Catalog:

1. HET 121 – Introduction to Heavy Equipment Maintenance
2. HET 122 – Introduction to Heavy Equipment Electrical and Diagnostic Procedures
3. HET 123 – Introduction to Heavy Equipment Mobile Hydraulics
4. HET 124 – Introduction to Heavy Equipment Powertrains

Marius mentioned that the textbooks required for these courses are reviewed and recommended by the AED Foundation.

Marius discussed with the group the need to add an additional 3-unit course and 1-unit student internship to the new certificate of achievement. The 3-unit course will be titled HET 125 – Introduction to Diesel Engines, Fuel Systems, and Emissions. Marius stated that this course is necessary because the students will have to be able to service and perform light repairs on this prime mover when they start working. Furthermore, the addition of the 1-unit internship course is a critical component as it allows for hands-on experience in a “real-world” environment. These additional units will put the certificate at a total of 16 units. A motion was made to add the new course and the student internship to the current 12-unit Certificate of Achievement by Jay Nossett. Aaron Perez 2nd the motion. It was suggested that an email be sent to the committee discussing addition of courses to the certificate. Marius will email the committee November 2, 2018 minutes for review and feedback.

1. Student Progress

Nothing to report at this time

1. Student Placement

(3) students obtained jobs during summer: Yale Equipment, O’Reilly Auto Parts, and a private trucking business

1. Budget

Minimum funding due to low student enrollment. Funds have been allocated for instructor’s training.

1. **Program Improvement/Committee Input**
2. Recruitment Efforts

Aaron Perez presented a 3-minute recruitment video which will be posted to college website, and social media sites. Feedback was very positive and committee has agreed to move forward with posting.

Marius Dornean reviewed a PowerPoint presentation used as part of the current recruitment efforts.

- Presented the HET Program to (5) AUTO classes during the Summer 2018

- QuinnCAT visit – October 2018

- Teaching a generic AUTO class at El Monte High School on Saturdays (started with

22 students, 14 current)

- El Monte High School class scheduled to visit Rio Hondo College on 11/17/18

- Presentation of the HET program at Fairvalley High School scheduled for 11/27/18

1. Staffing Needs – Nothing needed at this time
2. Training Needs

Marius Dornean reported on several training sessions he has attended in the past 6 months:

(1) day workshop – BAR Smog Instructor Update – June, 2018

(2) days training seminar – SSF Training (MB gas & diesel engines) – June, 2018

1. day training seminar – Diesel Diagnostic and Service – June, 2018

(4) days training seminars – ASE Instructor Training – Frisco, TX – July, 2018

(3) day workshop – Briggs and Stratton Instructor Training – August, 2018

(1) day training seminars – CAT Conference – October, 2018

Marius reported that AB 1887 prohibits travel reimbursement if training takes place in one of the 8 states listed: TX, AL, KY, SD, KS, MS, NC, TN.

1. Student Preparation
   1. Students do not read the assigned chapters, do not do homework on time, most don’t have textbooks.
   2. Attendance is good.
   3. Students are now given (1) HET work shirt.
2. Training Aids
   1. Received the (9) OPE tool kits for OPE.
   2. Picked up numerous engines and OPE donated by CARB. (10) diesel engines, (2) rider mowers with hydrostatic drives.
   3. Received (2) WABCO automated transmissions donated by Velocity Group.

**IV:** **Conclusion:**

1. Next Meeting Date/Location:

The next meeting is scheduled for Friday, May 10, 2019 at 9:00 am at Rio Hondo College.

1. Facility Tour (Optional) – Not at this time.
2. Drew Balandis adjourned the meeting at 10:30 am.