Program Review and Planning 2019-2020

OVERVIEW OF PROGRAM REVIEW AND PLANNING FOR INSTRUCTIONAL PROGRAMS

Program Review is about documenting the plans you have for improving student success in your program and sharing that information with the community. Through the review of and reflection on key program elements, program review and planning identifies program strengths as well as strategies necessary to improve the academic discipline, program, or service to support student success. With our new Guided Pathways plan, this review becomes even more crucial for the success of our students and college.

We are using the Strengths, Opportunities, Aspirations, Results (SOAR) strategic planning technique to help us focus on our current strengths and opportunities, create a vision of future aspirations, and consider the results of this approach.

BASIC PROGRAM INFORMATION

Academic Year
2019-2020

Are you completing a comprehensive or annual PRP?
Annual

Department Name
Trade and Industry

Discipline Name
Diesel Mechanics Technology (DMT)

Department Chair Name
Anthony Fedon

Division Name
Career, Technical and Extended Education

Website address for your discipline
https://www2.palomar.edu/pages/diesel/

Discipline Mission statement
The mission of the Diesel Technology Program is to educate and prepare the Diesel Technicians of the future with the latest technologies and basic soft skills that the Diesel industry now requires. We achieve this mission by maintaining committed highly trained staff and dynamic private and public partnerships with Local, State and National entities. We work to empower our graduates to make successful career and life choices that improve their lives, their communities, and the economy.

(click here for information on how to create a mission statement)

Does your discipline have at least one degree or certificate associated with it?
Yes

Are any of your programs vocational (CTE/CE)?
Yes

List all degrees and certificates offered within this discipline.
Certificate of Achievement. Diesel Mechanics Technology

Assoc.of Science Diesel Mechanics Technology

Please list the names and positions of everyone who helped to complete this document.
Sergio H. Hernandez (Program Director / Assoc. Professor)

Jose Luis Salgado (Adjunct Instructor)

Input was also provided by the Diesel Technology Program Advisory Committee.

Full-time faculty (FTEF)   **Part-time faculty (FTEF)**
1   5

Classified & other staff positions that support this discipline
Zachary Pye   ISA III   FTEF 1   Shared with Automotive, Autobody   (12 month contract)

Anel Gonzalez   ADA   FTEF 1   Shared with the rest of Trade & Industry   (12 month contract)

Additional hourly staff that support this discipline and/or department
4 T/A's   26 hrs weekly

PROGRAM INFORMATION

PROGRAM OUTCOMES

Begin this section by reviewing the Program Review reports for courses and programs in TracDat. All active course and program outcomes should be systematically assessed over a 3-year cycle.

- **Program** = Leads to a degree or certificate
- **Discipline** = A group of courses within a discipline

*Programs will be able to complete program completion and outcome questions.

How well do your program's learning outcomes communicate the scope and depth of the degree/certificate offered and align with employer and transfer expectations?
All of our learning out comes are geared with the following in mind:
#1 Learning how to work in and around heavy equipment while being safe at all times including in a shop environment.
#2 Trying to meet the tremendous needs of our industry for Diesel technicians.
#3 Program received the Silver Star Award from the States Chancellors Office. Our program is putting students to work.
#4 Program is constantly being guided by our Advisory Committee and our strong ties too our industry partners.
#5 Our retention Rate for 2017-2018 was 92% and our Success rate for 2017-2018 was 80%

Describe your program's plan for assessing program learning outcomes.
Through regular tests and quizzes, Task sheets related to industry work, directly correlated to our lab assignments.
We also provide our students with NC3 certifications that are directly imbedded into our normal courses. The certifications are industry vetted and recognized. This provides our students not just with the added value but with a leg up when the time comes to apply for a job.

Summarize the major findings of your program outcomes assessments.
Thus far we are doing a very good job keeping our students safe and accident free. We are having issues

with students coming to the program and not having some basic shop skills and tool knowledge.

Depending on the degree or transfer goals of our students, they have the choice of three different GE pathways:

- [Associate Degree GE Requirements](#)
- [CSU GE Requirements](#)
- [IGETC Requirements](#)

Palomar College has identified a set of General Education/Institutional Learning Outcomes, which represent the overall set of abilities and qualities a student graduating from Palomar should possess.[Click here for a link to Palomar's GE/ILOs.](#)

PROGRAM COMPLETIONS

Student success is at the core of what we do in assisting students in achieving their goals.

The Chancellor's Office Vision for Success stresses the importance of Program Completion as a major goal for our students. In addition, transfer and career readiness are key components of Palomar College's mission statement. This year, our funding formula has also changed reflecting this emphasis, providing additional funding as a function of the number of completions.

In this section we will identify a program standard and a stretch goal (what you would like to move toward) for program completions.

The standards represent the lowest number of program completions deemed acceptable by the College. In other words, if you were to notice a drop below the set standard, you would seek further information to examine why this occurred and strategies to increase completions.

In this section we will identify a program standard and a stretch goal (what you would like to move toward) for programs.

List the number of completions for each degree/certificate for the previous year.
Degrees and Certificates Received (Variances)

Awards Received

	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
AA/AS	(1)	6	(4)	4	(5)	n/a
AA	(2)	(1)	0	0	0	n/a
AS	1	7	(4)	4	(5)	n/a
Certificate	0	16	(8)	9	(8)	n/a
CAT	0	16	(8)	9	(8)	n/a
Total Program Completion	(1)	22	(12)	13	(13)	n/a

Variances*

Have your program completions Increased, decreased, or stayed the same over the last 5 years?
Stayed the same

What factors have influenced your completion trends?
Due to the booming economy and high demand for diesel technicians students are offered jobs and donot complete the course they are in and never complete the program.

The Chancellor's Office Vision for Success stresses the importance of reducing equity gaps through faster improvements of underrepresented groups.

ACCJC also requires that colleges establish institutional and program level standards in the area of success rates. These standards represent the lowest success rate deemed acceptable by the College. In other words, if you were to notice a drop below the rate, you would seek further information to examine why the drop occurred and strategies to address the rate.

Click on this link to review the course success rates (A, B, C, or Credit) for your discipline.

In this section we will identify a course success rate standards and a stretch goal (what you would like to move toward) for programs.

Course Success Rates by gender, age, ethnicity, special population, location, and modality (You can access the Student Equity Plan on the SSEC website https://www2.palomar.edu/pages/ssec/)

COURSE INFORMATION

COURSE SUCCESS AND RETENTION

What is your program's standard for Discipline COURSE Success Rate?
72.0%

Why did you choose this standard?
This is the standard that is acceptable by the state. and with they volatile economy it is a safey number to achieve without under delivering.

What is your Stretch goal for COURSE success rates?
73.0%

How did you decide upon the goal?
Being cautiously optimistic about the current economy and the high demand for more Diesel Technicians.

COURSE OUTCOMES

How have you improved course-level assessment methods since the last PRP?
No! Current focus is SLO's

Summarize the major findings of your course outcomes assessments.
You Cannot compete with the current Great economy. We must get more creative.

This section is intentionally blank for annual PRPs. Please click "Next" to continue.

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Program Goals

In the previous sections, you identified opportunities for improvement. Using these opportunities, develop 3-year SMART goals for your department. Goals should be Specific, Measurable, Attainable, Relevant, Time-Specific. Ensure your goals align with the mission of your department and/or the College's strategic plan.

Please list all discipline goals for this three-year planning cycle. Click here for previous PRPs and goal information.

Goals

Goal 1

Brief Description
Become a Kubota Tech training center part of expanding NC3 program certifications

Is this a new or existing goal?
Existing
New

Goal Status
Ongoing

How will you complete this goal?
Final stages of completion. Need some admin work and integration into normal courses.

Outcome(s) expected (qualitative/quantitative)
We Will be able to train and issue Kubota training certifications to our students by using Kubota equipment and training materials just like regular Kubota technicians. This is an added value to our students and industry.

How does this goal align with your department mission statement, the college strategic plan, and /or Guided Pathways?
Addresses goals 2.5 and 2.6

Expected Goal Completion Date
5/30/2020

STAFFING AND RESOURCE NEEDS

Instructions

1. Refer to Strategic Plan.
2. See Data.
3. See career info (In PRP)

Are you requesting additional full-time faculty?
No

Are you requesting additional Staff, CAST or AA?
No

RESOURCE REQUESTS AND BUDGET ALLOCATION REVIEW

Budget Analysis: This section should be completed by department chairs by the end of September.

Are there areas in your budget where there has been a historical surplus (See three year trend)?
No

Are there processes that need to be examined to ensure we are being the most efficient with funding?
No

Are there ongoing needs in your department budget that you currently do not have the resources for?
No

Do you have non-general fund sources of funding?
No

One Time Needs

For more information about funding sources available, see IELM BLOCK GRANT, LOTTERY PERKINS AND STRONG WORKFORCE GUIDELINES (on the left menu of the web page.)

Please check with your department chair on the availability for this cycle.

Do you have one-time funding requests?
No

Review

Chair Review

Chair Comments
Good Job

Chair Name	**Chair Sign Date**
anthony fedon	10/30/2019

Dean Review

Strengths and successes of the discipline as evidenced by the data and analysis:
The regional economy is in such need of diesel mechanics that students get hired before they complete the program so we need to look at breaking the 32 unit certification into two small certificates that a student can complete in a semester.

Areas of Concern, if any:

Recommendations for improvement:
Would like to see a goal about breaking your 32 unit program into two 16 unit certificates for Level I and Level II so that you will have more completers.

Dean Name	**Dean Sign Date**
Margie Fritch	11/12/2019

IPC Review

Strengths and successes of the discipline as evidenced by the data and analysis:

Areas of Concern, if any:

Recommendations for improvement:

IPC Reviewer(s)   **IPC Review Date**

Vice President Review

Strengths and successes of the discipline as evidenced by the data and analysis:
Learning outcome section was very interesting – thank you. Kubota will be great- looking FWD to advancements.

Areas of Concern, if any:

Recommendations for improvement:

Vice President Name   **Vice President Sign Date**
Jack S. Kahn, Ph.D.   1/15/2020