

BASIC PROGRAM INFORMATION

Program Review is a self-study of your discipline. It is about documenting the plans you have for improving student success in your program and sharing that information with the college 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 that in mind, please answer the following questions:

Discipline Name: Water Technology & Waste Water Technology

Department Name: Trades & Industry

Division Name: CTEE

Please list all participants in this Program Review :

Name	Position
Sergio H. Hernandez	Assoc. Professor
Jack Bebee	Part time Faculty
Dennis Lutz	Professor

Number of Full Time Faculty: 0

Number of Part Time Faculty: 3

Please list the Classified positions (and their FTE) that support this discipline:

Shared Dept. ADA Nine disciplines in our dept. with large technical labs. Total FTES for the T&I Division is approx. 300

What additional hourly staff support this discipline and/or department:

None

Discipline mission statement: [Link to "How to Build a Mission Statement"](#)

The mission of the Water and Wastewater Technology Program is to educate and prepare students to be Water and Wastewater treatment operators by providing the key knowledge and skills necessary to become effective operators in water and wastewater systems. We provide training for our students to not only pass the state certification exams required for this profession, but to also learn from real life successful operators on how to excel in their careers.

List any new degrees and certificates offered within this discipline since your last comprehensive review:

No additional degrees are being provided.
Certifications required in the field are administered by the state.

Discipline Level Data: <https://sharepoint2.palomar.edu/sites/IRPA/SitePages/PRP%20Summary%20Source.aspx>

SECTION 1: PROGRAM REFLECTION

1A. Program Analysis: Reflect upon and provide an analysis of your summary data.

The last two years the enrollment is at 69-70% full. This is based on room cap of 42 seats. This is fine for the lecture classes, but some have the lab component and it gets very tight. Right now some of the labs are outside and we need an overhead cover and lighting.

1B. Standards: ACCJC requires that colleges establish institutional and program level standards in the area of course success rates. These standards represent the lowest success rate (% A, B, C, or Credit) 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.

Discipline Level Course Success Rate:

- The College's institutional standard for course success rate is **70%**.
- Review your discipline's course success rates over the past five years.
- Identify the minimum acceptable course success rate for your discipline. When setting this rate, consider the level of curriculum (e.g., basic skills, AA, Transfer) and other factors that influence success rates within your area. If you set your discipline standard below the College's standard, please explain why.

Standard for Discipline Course Success Rate: 70 _____

Why?

the success rate over the last 4 years has an average of about 78%

1C. Program Update: Describe your proudest moments or achievements related to student success and outcome.

Seeing students become successful in the industry or to identify how much they learned from a course to help them in their career.

1D. Program Improvement: What areas or activities are you working on this year to improve your program? Please respond to new data as well as feedback from last year's program review.

Revamping curriculum to better match other programs and provide better fundamental skills to graduates.

1E. Unanticipated Factors: Have there been any unanticipated factors that have affected the progress of your previous plan?

The program has moved recently to trade and industry, so there is new administrative support. There is some time needed to familiarize part time staff with the new support staff.

1F. SLOACs: Describe your course and program SLO activities this past year. How have you used the results of your assessments to improve your courses and programs? [Refer to the SLO/PRP report – https://outcomes.palomar.edu:8443/tracdat/](https://outcomes.palomar.edu:8443/tracdat/)

Meeting and staying on track with our SLO's goals

SECTION 2: PROGRAM GOALS

2A. Progress on Previous Year's Goals: Please list discipline goals from the previous year's reviews and provide an update by checking the appropriate status box .

Goal	Completed	Ongoing	No Longer a Goal
We did not have goals established for previous year	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2B. New Discipline Goals: Please list all discipline goals for this three-year planning cycle (including those continued from previous planning cycle):

GOAL #1	
Program or discipline goal	Revise Curriculum to improve program
Strategies for implementation	Work with faculty to update curriculum
Timeline for Implementation	Target Fall 2018
Outcome(s) expected (qualitative/quantitative)	Students better equipped to fill open positions in the field
GOAL #2	
Program or discipline goal	Improve coordination among courses and perform a review of instructors
Strategies for implementation	Fund a full time faculty position
Timeline for Implementation	Unknown
Outcome(s) expected (qualitative/quantitative)	Improve overall quality of the program
GOAL #3	
Program or discipline goal	Improve the water lab outside area by providing a cover and lights
Strategies for implementation	Fund construction of a cover and lights
Timeline for Implementation	Depending on funding source
Outcome(s) expected (qualitative/quantitative)	Allows for courses that utilize this area to be conducted effectively at night and in wet conditions.

**Department Chair/
Designee Signature:** _____

Date: _____

Division Dean Signature: _____

Date: _____

Vice President Signature: _____

Date: _____