# Program Review and Planning

## 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**
2018-2019

**Are you completing a comprehensive or annual PRP?**
Annual

**Department Name**
Computer Science and Information Systems

**Discipline Name**
Computer Science and Information Systems - Web Technologies (CSWB)

**Department Chair Name**
Richard Stegman

**Division Name**
Mathematics, Science and Engineering

**Website address for your discipline**
https://www2.palomar.edu/pages/csit/programs_and_courses/

**Discipline Mission statement**
The mission of the CSWB discipline is to prepare students for employment in the web site development industry by educating them in the key software development applications necessary to develop web sites for organizations and businesses.

**(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.**
Web Development (CA)
Web Design and Development (AS/CA)

**Please list the names and positions of everyone who helped to complete this document.**

Steve Perry

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

**Classified & other staff positions that support this discipline**
Department ADA

**Additional hourly staff that support this discipline and/or department**
n/a

# 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?**
The program's learning outcomes of 1) Students will demonstrate proficiency in creating and programming the client-side of Web applications and 2) Students will demonstrate proficiency in programming the server-side of Web applications align with the employer expectations by teaching the students the specific software used by industry to achieve those ends.

**Describe your program's plan for assessing program learning outcomes.**
To achieve those ends the the students will build and implement a complete Web Application and the design components will be evaluated for the correct use of  HTML, CSS, and JavaScript (Active) to meet the client-side requirements and the students will build and implement a complete Web Application and the programming components will be evaluated for the correct use of PHP and MySQL to meet the server-side requirements.

**Summarize the major findings of your program outcomes assessments.**
Students continue to meet or exceed what is expected to meet the students learning outcomes in all associate coursework but, since the the degree program is only a year old, there are no program outcomes at this time.

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.**
The degree program is one-year old and there have been no completions at this time.

**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?**
n/a

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/](https://www2.palomar.edu/pages/ssec/) )

# COURSE INFORMATION
# COURSE SUCCESS AND RETENTION

**What is your program's standard for Discipline COURSE Success Rate?**
70.0%

**Why did you choose this standard?**
It is the institutional standard

**What is your Stretch goal for COURSE success rates?**
75.0%

**How did you decide upon the goal?**
It seems like a reasonable step.

# COURSE OUTCOMES

**How have you improved course-level assessment methods since the last PRP?**
The course-level assessment methods are the same

**Summarize the major findings of your course outcomes assessments.**
All associated courses meet or exceed the goals of 70% success

**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**
To see that students are able to achieve completion of the AS or CA

**Is this a new or existing goal?**
New

**How will you complete this goal?**
Continue to offer courses that make up the program and improve them as needed

**Outcome(s) expected (qualitative/quantitative)**
I do not know how many students are working towards the goal of getting an AS degree or CS certificate since they do not self-identify until the end of the process

**How does this goal align with your department mission statement, the college strategic plan, and**

**/or Guided Pathways?**
It aligns by offering the courses in the programs that will allow students to have the skills to work in the web site development industry

**Expected Goal Completion Date**
4/12/2021

# 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