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| **Discipline: GC - Imaging and Publishing** | **Date 02/11/2015**  |
| **Instructional Discipline Reviewed (Each discipline is required to complete a Program Review.)** |  **Add Date  (00/00/0000)** |

**DEFINITION**

Program Review and Planning is the means by which faculty, staff, and/or administrators complete a self-evaluation of an academic discipline, program, or service.  The self-evaluation includes an analysis of both quantitative and qualitative data on how the academic discipline, program, or service is supporting the mission and strategic planning of Palomar College in meeting the educational and career interests of students.  Through the review of and reflection on key program elements, such as program data and student learning outcomes, Program Review and Planning defines the curriculum changes, staffing levels, activities, and/or strategies necessary to continue to improve the academic discipline, program, or service in support of student success.  The Program Review and Planning process also ensures short-term and long-term planning and identification of the resources necessary to implement identified goals and priorities.  (ACCJC Standard I.B3; AB-1725, 10+1)

**Purpose of Program Review and Planning:**

Program Review and Planning for Years 2 and 3 provides a “check-in” on the Year 1 Comprehensive PRP. The PRP documents the vision and planning for a program or discipline. It also provides information for the development of the College’s Strategic Plan goals and annual objectives, documents overarching themes/issues occurring across academic programs and instruction, identifies the needs for resource allocations, and identifies department needs for developing the annual Staffing Plan update.

[**Palomar College Mission**](http://www.palomar.edu/about/goals.aspx)

Our mission is to provide an engaging teaching and learning environment for students of diverse origins, experiences, needs, abilities, and goals. As a comprehensive community college, we support and encourage students who are pursuing transfer-readiness, general education, basic skills, career and technical training, aesthetic and cultural enrichment, and lifelong education. We are committed to helping our students achieve the learning outcomes necessary to contribute as individuals and global citizens living responsibly, effectively, and creatively in an interdependent and ever-changing world.

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| **List everyone who participated in completing this Program Review and Planning Document.****Ken Dodson, Mark Bealo, Wade Rollins, Lillian Payn** |

**STEP I. Evaluation of Program & SLOAC Data.** In this section, examine and analyze updated program data, the results of SLOACs, and other factors that could influence your program/discipline’s plans for the current year. Consider trends and any changes in the data as they relate to this year’s analysis.

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| 1. **Analysis of Program Data. Review and comment on any significant changes or noted concerns since last year’s PRP.**

**(For enrollment, WSCH, & FTEF data, use Fall term data only).** * + Enrollment, Enrollment Load, WSCH, and FTEF (<http://www.palomar.edu/irp/PRP_WSCH_FTEF_Load.xlsx>) **(Use Fall term data only).**
	+ Course Success and Retention rates (<http://www.palomar.edu/irp/PRP_Success_Retention.xlsx>**). Note, this file is very large and there will be a delay both when you open the file and again when you initiate the first search.**
	+ Degrees and Certificates (<http://www.palomar.edu/irp/PRP_Degrees_Certs.xlsx>).

In GCIP our census load was at 75.7% which generated 2,352 WSCH which is down from our previous year of 88% and below the 85% requested fill rate. Part of this decline is due to various students achieving enough skills through our courses to enter into industry. That is a true testament to the cutting-edge education we provide. To help alleviate the decline in census load we are in need of targeted and GCIP-related promotional materials to reach out to prospective students and the community. In another effort to rectify the decline, we have adjusted our offerings and modifying our course schedule to optimize course offerings over 4 semesters to reach the largest amount of students and become more efficient. We have changed the course unit value from 4 to 3 units in the hopes that making classes more affordable for students will help increase enrollment. We have added courses in new technology such as Digital Imaging with Drones and 3D Product Development and Marketing - two areas with incredible growth potential and high demand that will require that we acquire new technology, equipment and supplies in order to develop instructional content and materials. We have started an open house, student expo and continue with our career day. In addition, we continue to promote students, the department, and the college through the San Diego County Fair. |

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| 1. **SLOACs. Using the comprehensive SLOAC reports and faculty discussions as a guide, summarize your planned SLOAC activities for courses and programs for the current academic year. Link to SLOAC resources:** <http://www2.palomar.edu/pages/sloresources/programreview/>

While updating our course unit value we also reviewed and updated our SLO's and assessments. The SLOACs revealed the following:1) Additional 3rd party software is needed to bring students up to industry standards and current practices.2) There are severe bottlenecks on certain projects in several courses that would only be alleviated via either the addition of more equipment and technology along with student workers to run it, or the Instructional Support Assistant III that is ranked #1 on the IPC Recommended Classified and Administrator Priority Positions for Instruction 2014-2015. This was evident during the assessment of 6 different GCIP courses and 7 different programs.3) Additional supply funds are needed to augment the GCIP budget and allow instructors to prepare examples and develop projects for new courses and for current courses that are using new technology and equipment.4) Additional Drawing Tablets are needed. (IPC funded 50% of this request the previous year. The remaining 50% is still needed.)  |

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| 1. **Other Relevant Data and Information.**
2. **Review other data and/or information that you included in last year’s assessment of your program (see Step II.C). (Examples of other data and factors include, but are not limited to: external accreditation requirements, State and Federal legislation, four-year institution directions, technology, equipment, budget, professional development opportunities). Describe other data and/or information that you have considered as part of the assessment of your program. If there is additional information you are using to assess your program this year, also describe that information here.**

Drone technology is an area we have found to be rapidly advancing and moving into many segments of industry. We have written a new course including this technology, GCIP 168 Digital Imaging with Drones. This course is being offered Fall 2015 and will need technology, equipment and supply funds to get started. 3D printing capabilities are developing at a phenomenal pace, and while we introduced this information in last year's PRP, we are currently requesting funds to acquire this technology for the GCIP 150 course, which is scheduled for Spring 2016.1. **Given this updated information, how are your current and future students impacted by your program and planning activities? Note: Analysis of data is based on both quantitative (e.g., numbers, rates, estimates, results from classroom surveys) and qualitative (e.g., advisory group minutes, observations, changes in legislation, focus groups, expert opinion) information.**

50% of students surveyed in the Graphics Department have requested 3-D printing and the use of Drones as the new technologies they want to explore and learn. To move forward with these new courses we need to acquire funding.  |

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| 1. **Labor Market Data. For Career/Technical disciplines only, review and comment on any significant changes or concerns since last year’s PRP. (See Step II.D). This data is be found on the CA Employment Development website at** [**http://www.labormarketinfo.edd.ca.gov/**](http://www.labormarketinfo.edd.ca.gov/)**. Go here and search on Labor Market Information for Educators and Trainers (http://www.labormarketinfo.edd.ca.gov/Content.asp?pageid=112). Click on summary data profile on right side of page to search by occupation. (Check other reliable industry or government sources on Labor Market Data websites that support findings and are relevant to Region Ten – San Diego/Imperial Counties. Include job projections and trends that may influence major curriculum revisions.)**

Detailed data follows with San Diego estimated current and projected numbers.Occupation Est. - Projected Year Est. Employment Proj. Employment %Multi-Media Artists and Animators 2012 - 2022 1,080 1,470 36.1Graphic Designers 2012 - 2022 2,580 3,120 20.9Commercial & Industrial Designers 2012 - 2022 430 500 16.3 |

**STEP II. Progress on Previous Year’s Goals and Plans** (See ”Step III - Updated Goals and Plans” in your completed 2013-14 PRP at <http://www.palomar.edu/irp/PRPCollection.htm>).

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| **Discuss/Summarize progress on last year’s goals. Include** 1. **the impact on resources allocated and utilized;**
2. **any new developments or concerns that are affecting the program;**
3. **any new goals for the program; and**
4. **other information you would like to share.**

Goal #1 - "Acquire 3D printing capabilities" We did not receive funding for this particular goal and we find ourselves behind the curve with respect to how fast the industry is moving. We have written a course, GCIP 150, in this subject matter and are currently planning on offering the course in Spring 2016. To move forward with this course we need funding. Goal #2 - "Expand the packaging design curriculum" funding acquired has yet to be spent due to the piece of equipment we had in mind to purchase has been discontinued. We are currently looking for a viable alternative from other manufacturers but most are offering far more expensive solutions.Goal #3 - We acquired funding through Perkins to purchase new pallets for our screen printing presses and this allows our students the ability to produce quality, large-format screen printed materials that meet or exceed industry standards. Goal #4 - Recruitment/Outreach, no specific funding was acquired for this but it is DESPERATELY needed. We need to promote through printed material, social media, web-based media, and personal contact. We currently have articulations agreements with some high school programs related to GCIP, but other than that there is no time and no funding to take on an advertising campaign to promote our department. We need funding to create social media, a robust website, and create a cohesive department campaign that will attract the young adult entering college and sway them to the relevant offerings and technology in our department. Marketing efforts and budgets are needed to better reach the High School students who are already getting introduced to GCIP-related programs, technology and software. Our capabilities continue to grow, but that ends up only mattering to those who enroll and the employers who benefit from the skill sets our students develop. It doesn't benefit those who don't know about our programs and offerings.New goal #1 - Create a central work/study area within the department floor plan that students can utilize. There are other departments within the MD building and similar areas in the Humanities building with such capabilities, but funds ran out before the GC department would have received comparable furniture. Technology has a definite cost associated with it, and industry counts on the community college system to train the workforce of tomorrow with the skills necessary to succeed using industry-standard equipment. We in GCIP continue to strive toward meeting the needs of both our students and industry. |

**STEP III. Resources Requested for FY 2014-15:** Now that you have completed Steps I and II, Step III requires you to identify all additional resources you will need to achieve goals, plans and strategies for Step II. First, identify all resource needs in each budget category. You may have up to five (5) requests per budget category. Provide a meaningful rationale for each request and how it links to your Goals, Plans, and Strategies. Resource requests to simply replace budget cuts from previous years will not be considered. Negotiated items should not be included in any resources requested. PLEASE NOTE THAT ALL FUNDING ALLOCATED BY IPC IS ONE-TIME AND MUST BE SPENT WITHIN THE DEFINED TIMELINE. Requests that support more than one discipline should be included on the “Academic Department Resource Requests” PRP form only. [*Click here for examples of each budget category.*](http://www.palomar.edu/irp/2013CategoriesforPRPResourceRequests.pdf)

Prioritize within each category and then prioritize across categories in Step IV.

\*Refer to Strategic Plan 2016 Objectives at http://www.palomar.edu/strategicplanning/StrategicPlan2016-Year2.pdf

**Budget category a. Equipment (acct 600010 and per unit cost is >$500). Enter requests on lines below. Click here for examples of equipment:** [**http://www.palomar.edu/irp/2013CategoriesforPRPResourceRequests.pdf**](http://www.palomar.edu/irp/2013CategoriesforPRPResourceRequests.pdf)

| **Priority Number for Resource Requests**  | **Resource Item Requested**  | **Fund Category** | **Discipline goal addressed by this resource**  | [**Strategic Plan 2016 Objective Addressed by this Resource**](http://www.palomar.edu/strategicplanning/PALOMAR_STRATEGICPLAN2016.pdf)**\*** | **Provide ~~a~~ detailed rationale for each item. Refer to your goals, plans, analysis of data, SLOACs, and the Strategic Plan. (If item is already funded, name the source and describe why it is not sufficient for future funding.)** | **Amount of Funding Requested (include tax, shipping, etc.)** |
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| **a1.**  |  |  |  |  |  |  |
| **a2.**  |  |  |  |  |  |  |
| **a3.**  |  |  |  |  |  |  |
| **a4.**  |  |  |  |  |  |  |
| **a5.** |  |  |  |  |  |  |

**Budget category b. Technology (acct 600010, examples: computers, data projectors, document readers). Enter requests on lines below. Click here for examples of technology:** [**http://www.palomar.edu/irp/2013CategoriesforPRPResourceRequests.pdf**](http://www.palomar.edu/irp/2013CategoriesforPRPResourceRequests.pdf)

| **Priority Number for Resource Requests**  | **Resource Item Requested**  | **Fund Category** | **Discipline goal addressed by this resource**  | [**Strategic Plan 2016 Objective Addressed by this Resource**](http://www.palomar.edu/strategicplanning/PALOMAR_STRATEGICPLAN2016.pdf)**\*** | **Provide ~~a~~ detailed rationale for each item. Refer to your goals, plans, analysis of data, SLOACs, and the Strategic Plan. (If item is already funded, name the source and describe why it is not sufficient for future funding.)** | **Amount of Funding Requested (include tax, shipping, etc.)** |
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| **b1.**  | **Various Drone systems (air, land, water)** | **600010** | **1, 3** | **1** | **Requried for the GCIP 168 Digital Imaging with Drones course being offered Fall 2015. 50% of students surveyed in the Graphic Communications department stated that they were most excited to learn about using drones and 3D printing. Course takes students from computer simulation programs, through operating basic inexpensive drones, and all the way up systems requiring dual operators and covers a wide variety of industry applications.** | **$22,500** |
| **b2.**  | **Faculty Macbook Pro** | **600010** | **GCIP 3** | **3** | **Current laptop will be out of warranty by the time PRP funding has been allocated and purhasing items begins next academic year.** | **$4,000** |
| **b3.**  |  |  |  |  |  |  |
| **b4.**  |  |  |  |  |  |  |
| **b5.** |  |  |  |  |  |  |

**Budget category c. Supplies (acct 400010 and per unit cost is <$500). Enter requests on lines below. Click here for examples of supplies:** [**http://www.palomar.edu/irp/2013CategoriesforPRPResourceRequests.pdf**](http://www.palomar.edu/irp/2013CategoriesforPRPResourceRequests.pdf)

| **Priority Number for Resource Requests**  | **Resource Item Requested**  | **Fund Category** | **Discipline goal addressed by this resource**  | [**Strategic Plan 2016 Objective Addressed by this Resource**](http://www.palomar.edu/strategicplanning/PALOMAR_STRATEGICPLAN2016.pdf)**\*** | **Provide ~~a~~ detailed rationale for each item. Refer to your goals, plans, analysis of data, SLOACs, and the Strategic Plan. (If item is already funded, name the source and describe why it is not sufficient for future funding.)** | **Amount of Funding Requested (include tax, shipping, etc.)** |
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| **c1.**  |  |  |  |  |  |  |
| **c2.**  |  |  |  |  |  |  |
| **c3.**  |  |  |  |  |  |  |
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| **c5.** |  |  |  |  |  |  |

**Budget category d. Operating Expenses (acct 500010; examples: printing, maintenance agreements, software license) Enter requests on lines below. Click here for examples of operating expense:** [**http://www.palomar.edu/irp/2013CategoriesforPRPResourceRequests.pdf**](http://www.palomar.edu/irp/2013CategoriesforPRPResourceRequests.pdf)

| **Priority Number for Resource Requests**  | **Resource Item Requested**  | **Fund Category** | **Discipline goal addressed by this resource**  | [**Strategic Plan 2016 Objective Addressed by this Resource**](http://www.palomar.edu/strategicplanning/PALOMAR_STRATEGICPLAN2016.pdf)**\*** | **Provide ~~a~~ detailed rationale for each item. Refer to your goals, plans, analysis of data, SLOACs, and the Strategic Plan. (If item is already partially funded, name the source and describe why it is not sufficient for future funding.)** | **Amount of Funding Requested (include tax, shipping, etc.)** |
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| **d1.**  |  |  |  |  |  |  |
| **d2.**  |  |  |  |  |  |  |
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**Budget category e. Travel Expenses for Faculty (acct 500010: faculty travel only)**

| **Priority Number for Resource Requests**  | **Resource Item Requested**  | **Fund Category** | **Discipline goal addressed by this resource**  | [**Strategic Plan 2016 Objective Addressed by this Resource**](http://www.palomar.edu/strategicplanning/PALOMAR_STRATEGICPLAN2016.pdf)**\*** | **Provide ~~a~~ detailed rationale for each item. Refer to your goals, plans, analysis of data, SLOACs, and the Strategic Plan. (If item is already funded, name the source and describe why it is not sufficient for future funding.)** | **Amount of Funding Requested (include benefits if applicable)** |
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| **e1.**  |  |  |  |  |  |  |
| **e2.**  |  |  |  |  |  |  |
| **e3.**  |  |  |  |  |  |  |
| **e4.**  |  |  |  |  |  |  |
| **e5.** |  |  |  |  |  |  |

**Budget category f. Short-term hourly (temporary and student worker). Enter requests on lines below.**

| **Priority Number for Resource Requests**  | **Resource Item Requested**  | **Fund Category** | **Discipline goal addressed by this resource**  | [**Strategic Plan 2016 Objective Addressed by this Resource**](http://www.palomar.edu/strategicplanning/PALOMAR_STRATEGICPLAN2016.pdf)**\*** | **Provide ~~a~~ detailed rationale for each item. Refer to your goals, plans, analysis of data, SLOACs, and the Strategic Plan. (If item is already funded, name the source and describe why it is not sufficient for future funding.)** | **Amount of Funding Requested (include benefits if applicable)** |
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| **f1.**  |  |  |  |  |  |  |
| **f2.**  |  |  |  |  |  |  |
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 **STEP IV. Prioritize Resource Requests.** Now that you have completed Step III, prioritize all of your resource requests as one group; not prioritized within each budget category. This means you could have your #1 priority in technology, your #2 priority in short-term hourly, and your #3 priority in equipment, etc. If you actually have five (5) requests in each of the six (6) budget categories, you would end up with 30 prioritized requests**. IPC will not consider requests that are not prioritized.** Note that all funding allocated by IPC is one-time and must be spent within the defined timeline.

| **Priority Number for all Resource Requests in Step III** | **Resource Item Requested**  | **Fund Category** | **Discipline goal addressed by this resource**  | [**Strategic Plan 2016 Objective Addressed by this Resource**](http://www.palomar.edu/strategicplanning/PALOMAR_STRATEGICPLAN2016.pdf)**\*** | **Provide ~~a~~ detailed rationale for each item. Refer to your goals, plans, analysis of data, SLOACs, and the Strategic Plan. (If item is already funded, name the source and describe why it is not sufficient for future funding.)** | **Amount of Funding Requested (include tax, shipping, benefits, etc.)** |
| --- | --- | --- | --- | --- | --- | --- |
| **1.**  | **Various Drone systems (air, land, water)** | **600010** | **1, 3** | **1** | **Requried for the GCIP 168 Digital Imaging with Drones course being offered Fall 2015. 50% of students surveyed in the Graphic Communications department stated that they were most excited to learn about using drones and 3D printing. Course takes students from computer simulation programs, through operating basic inexpensive drones, and all the way up systems requiring dual operators and covers a wide variety of industry applications.** | **$22,500** |
| **2.**  | **Faculty Macbook Pro** | **600010** | **GCIP 3** | **3** | **Current laptop will be out of warranty by the time PRP funding has been allocated and purhasing items begins next academic year.** | **$3,500** |
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**STEP V. Contract Position Requests.** Prioritize all contract positions you feel are needed to achieve goals, plans and strategies identified in Step II. Include all requests for Classified, CAST, and Administrator positions that either replace a vacancy due to retirements, resignations, lateral transfers, etc., or any new positions. You may request up to ten (10) positions and they must be prioritized to be considered by IPC. Please note that only these position requests will be prioritized by IPC when developing the annual Staffing Plan for Instruction.   (Do not include faculty positions.)

| **Priority Number for Contract Position Requests**  | **Position Title/Category****Requested**  | **Fund Category** | **Discipline goal addressed by this resource**  | [**Strategic Plan 2016 Objective Addressed by this Resource**](http://www.palomar.edu/strategicplanning/PALOMAR_STRATEGICPLAN2016.pdf)**\*** | **Provide a detailed rationale for the each position. The rationale should refer to your discipline’s goals, plans, analysis of data, SLOACs, and the Strategic Plan. (If position is already funded, name the source and describe why it is not sufficient for future funding.)** | **Amount of Funding Requested (include benefits)** |
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| **1.**  |  |  |  |  |  |  |
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 **Department Chair/Designee Signature Date**

 **Division Dean Signature Date**