**Palomar College – Program Review and Planning**

**Instructional Programs**

**YEAR 1**

**Academic Year** **2012-13**

**Purpose of Program Review and Planning:** The institution assesses progress toward achieving stated goals and makes decisions regarding the improvement of institutional effectiveness in an on-going and systematic cycle of evaluation, integrated planning, resource allocation, implementation, and re-evaluation. Evaluation is based on analyses of both quantitative and qualitative data (ACCJC/WASC, Standard I, B.3.)

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| **Discipline: Architectural Drafting** |  |
| **Instructional Discipline Reviewed (Each discipline is required to complete a Program Review)** | **Please Add Date (00/00/2012)** |

**STEP I. ANALYSIS**

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|   |   |  |  |  | **<<Prelim>>** | ◄▬ Preliminary Fall 2011 data are as of 1/31/2012 |   |
|   |   | **Fall 2008** | **Fall 2009** | **Fall 2010** | **Fall 2011** | **Definitions** |
| **Enrollment at Census** | 176 | 204 | 280 | 324 | *Self Explanatory* |
| **Census Enrollment Load %** | 99.44% | 116.57% | 102.19% | 108.00% | Enrollment at Census Divided By Sum of Caps (aka "Seats") |
| **WSCH** | 1,044 | 1,263 | 950 | 1,086 | Weekly Student Contact Hours |
| **FTES** | 34.79 | 42.11 | 31.67 | 36.20 | One Full-Time Equivalent Student = 30 WSCH |
| **Total FTEF** | 2.42 | 2.42 | 2.20 | 2.54 | Total Full-Time Equivalent Faculty |
| **WSCH/FTEF** | 431 | 522 | 432 | 427 | WSCH Generated per Full-Time Equivalent Faculty Member |
| **Full-time FTEF** | 1.20 | 1.33 | 0.95 | 1.32 | FTEF from Contract Faculty |
| **Hourly FTEF** | 0.67 | 0.69 | 0.66 | 0.70 | FTEF from Hourly Faculty |
| **Overload FTEF** | 0.55 | 0.40 | 0.59 | 0.52 | FTEF from Contract Faculty Overload |
| **Part-Time FTEF** | 1.22 | 1.09 | 1.25 | 1.22 | Hourly FTEF + Overload FTEF |
| **Part-Time/(Total FTEF) %** | 50.35% | 44.94% | 56.88% | 48.17% | Percent of Total FTEF Taught By Part-Time Faculty |
| Student Achievement: **Non Distance Education Courses** |   |   | Those NOT taught via Distance Ed (see below) methods of instruction |
|  **● Retention Rate** | 95.35% | 98.18% | 94.16% | 98.10% | Non-W Eligible Grades (see next line) Divided by All Eligible Grades |
|  **● Success Rate** | 69.19% | 90.91% | 66.23% | 84.81% | A,B,C,CR/P Grades Divided By A,B,C,CR/P,D,F,FW,NC/NP,W Grades |
| Student Achievement: **Distance Education Courses** |   |   | Those taught via Internet, TV or non line-of-sight interactive methods |
|  **● Retention Rate** | - | - | - | - | Non-W Eligible Grades (see next line) Divided by All Eligible Grades |
|  **● Success Rate** | - | - | - | - | A,B,C,CR/P Grades Divided By A,B,C,CR/P,D,F,FW,NC/NP,W Grades |
| **Degrees Awarded** |  - |  - | 1 | N/A\* | Degree Counts Are for the Full Academic Year (thus, \*N/A for 2011-12) |
| **Certificates Awarded:** |  - |  - |  - | N/A\* | Certificate Counts Are for the Full Academic Year (\*N/A for 2011-12) |
| **- Under 18 Units** |  - |  - |  - | N/A\* | Certificate Counts Are for the Full Academic Year (\*N/A for 2011-12) |
| **- 18 or More Units** |  - |  - |  - | N/A\* | Certificate Counts Are for the Full Academic Year (\*N/A for 2011-12) |

| **I. A. Reflect upon and provide an analysis of the four years of data above (for a sample analysis see** <http://www.palomar.edu/irp/11PRYear1/sampleforIA.pdf>) |
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| **The Architectural Program enrollment is up. The program is a balanced and well established course of study for transfer that has recently become a separate program from engineering and technical drafting. The enrollment & retention is consistently high regardless of the economic pressure on the construction industry. The FTES and WSCH show a balanced and comprehensive training program, appropriately staffed.** |

| **I. B. Please summarize the findings of Course AND Program SLO assessments conducted by your discipline. (For examples, see** <http://www.palomar.edu/irp/11PRYear1/PRPsloExamples.pdf>) |
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| **I.B.1 Summarize Course SLO assessment results beginning on the next line.****The student exit portfolio is the standard for competency-based curricula. Students are asked about education plans earlier. Transfer programs are targeted for and identified with specific completors skill strength. Each instructor works competency-based measurable objectives into a format for both transfer and early entry student needs. (Strategic Planning Goal 2, Objective 2.6) OVE- Optimum Value Engineering is now taught in the beginning 105 course.****I.B.2 Summarize Program SLO assessment results beginning on the next line.****Sustainability and LEED assessment is implemented, more construction math is embedded, basic employability skills are enhanced with a growing internship program. (Strategic Planning Objective 2.3)**  |

| **I. C. Reflect upon the SLO assessment findings in Box B above. Discuss overall observations and any areas of concern or noteworthy trends.**  **(For examples of such analysis, see** <http://www.palomar.edu/irp/11PRYear1/PRPsloExamples.pdf>) |
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| **I.C.1 Please reflect upon the Course SLO findings in Box B (above) beginning on the next line.****Course SLO results indicate the Palomar College Architectural Program effectively trains students in the systems approach to architectural planning and construction. The advent of Revit and CalGreen are driving building performance criteria. The SLOs currently show a response to traditional and contemporary ways that an architect interprets siting, prioritization and scheduling. Group projects are supportive for beginners yet interpret applied leadership for students at every point along a career path .** **I.C.2 And, please reflect upon the Program SLO findings in Box B beginning on the next line.** **Our (Strategic Objective 2.5, Goal 2) SLOAC is in process and instructors use photographic records of student projects to document changes and improvements from semester to semester.****We are using OnCourse techniques to address students as active learners and participants.** |

| **I. D. For Career Technical disciplines only, please provide a brief summary of the labor market outlook. This data can be found at** [**http://www.labormarketinfo.edd.ca.gov/**](http://www.labormarketinfo.edd.ca.gov/) **Please include job projections and trends that may influence major curriculum revisions.** |
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| **Skills are portable for this profession with multiple entry points. Local architects are retiring or leaving the area and the replacement number is slow but steady through the recovery. Many students have supported and enhanced individual education through work experience as draftsmen for local licensed architects since that may count toward work experience. Upon graduation from Palomar, students have a minimum of three years additional educational requirements. Most of our students transfer to a university architectural program that is a five year minimum Bachelor's degree course of study. Jobs that are available require sustainability skills (e.g. envelope modeling and analysis as preferential). Waste and water conservation management are priorites as CALGreen code is now law.** **Students are able to secure meaningful employment with a working wage. Some of them are using this as a career entrance while they pursue a higher level of education. More students are having to work during the educational process. The design classes immerse students in critical thinking that suppports the software applications.****http://www.innovatorsguide.org/occupations/architect\_training.htm****http://www.labormarketinfo.edd.ca.gov/aspdotnet/SupportPage/AllOccPrj.aspx?soccode=171011****http://www.innovatorsguide.org/occupations/phrases.htm** |

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| **STEP II. PLANNING****Reflecting on the 4-year trend data, the SLO assessment results, and the college’s** [**Strategic Plan 2013**](http://www.palomar.edu/strategicplanning/STRATEGICPLAN2013.pdf)**, describe/discuss the discipline planning related to the following: (For sample reflections, see** <http://www.palomar.edu/irp/11PRYear1/samplesforII.pdf>) |

| **II. A. Curriculum, programs, certificates and degrees (consider changes due to Title 5 or other regulations, CSU/UC transfer language updates, articulation updates, student retention or success rates, workforce and labor market projections, certificate or degree completions, etc.)** |
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| **The Architecture program has been an active and essential part of Palomar's Drafting program for decades, but has recently been separated into its own autonomous and independent program. The data for program completers, degrees and certificates will be separate and identifiable in the future, but currently is incomplete (i.e. 19 Palomar architectural students have transferred to Woodbury University's San Diego architectural school in the past 5 years) . Also, in the past, many of our students would acquire the necessary coursework to transfer into a university architectural program without attaining a degree or certificate at Palomar College. We are working individually with the students' educational plans to correct that in the future. The program is following the recommendations of the Student Success Task Force in support of the students focusing on a short directed timeline through destination coursework.**  |

| **II. B. Class scheduling (consider enrollment trends, growth, course rotation, sequencing, Center/Site offerings, comprehensiveness, etc.)** |
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| **Upper division courses tend to have lighter enrollment since they are offered every other semester. So these advanced classes will be now be set on a third semester rotation to increase class enrollment. Fall consistently pulls in more new entry students. Retention is and student success is increasing and very strong. The architectural program is addressing the new Title V repeatability guidelines with students. Curricunet will reflect that we removing the repeatability option this year uless required by the destination school for a B.A. or a CSU demands the course for transfer. SLOAC is targeted for completion before the March campus assessment.**  |

| **II. C. Faculty (Briefly discuss the faculty hiring needs for this discipline. This discussion does not replace the requirement to submit a Rationale Form for Faculty Hiring to IPC.)** |
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| **At this time, the Architecture program has one and one-half full-time instructors (the other half is in Interior Design). When the program is once again allowed to expand and develop new course offerings, another full-time instructor will be needed and vital. (Strategic Planning Objective 4)** |

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| **STEP III. RESOURCE REQUESTS FOR DISCIPLINE:**  |
| **III. A. Describe the resources necessary to successfully implement the planning described above. Provide a detailed rationale for each request by referring to the analyses of data and SLO assessment results in Step I and/or to any other evidence not apparent in the data or SLO Assessment** results. NOTE: Do **NOT** include Resource Requests that duplicate requests from other disciplines In your department. Place requests common to two or more disciplines on the form: ACADEMIC DEPARTMENT RESOURCE REQUESTS. |

| **a. Equipment (per unit cost is >$500) *Enter requests on lines below.*** |
| --- |
| **Resource**  | **Describe Resource Requested** | **Prioritize these requests****1,2,3, etc.** | **Strategic Plan 2013 Goal/****Objective Addressed by This Resource****(**[**Link**](http://www.palomar.edu/strategicplanning/STRATEGICPLAN2013.pdf)**)**  | **Provide a detailed rationale for the requested resource. The rationale should refer to your discipline’s plan, analysis of data, SLO assessments, and/or the College’s Strategic Plan** | **Estimated Amount of Funding Requested** | **Will this be one-time or on-going funding?** | **Is resource already funded (in part or in full)? If so, name source. Why is that source not sufficient for future funding?** |
| **a1.**  | **Digital Camera** | **1** | **Goal 6** | **Recording student drawings & projects in an appropriate & undistorted format.** | **500.00** | **One-time** | **No** |
| **a2.**  | **Ipad with Apple TV device and cable** | **2** | **Goal 6**  | **Mobile computing on Ipads is standard now for migration of CAD and Revit drawings into the field for comparison to actual construction in progress. Our interns are involved in this practice on campus. The Ipad allows embedded photo capture & documentation of steel assemblies, etc. in progress.**  | **750.00** | **One-time** | **No** |
| **a3.**  |  |  |  |  |  |  |  |
| **a4.**  |  |  |  |  |  |  |  |
| **a5.**  |  |  |  |  |  |  |  |

| **b. Technology (computers, data projectors, document readers, etc.) *Enter requests on lines below.*** |
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| **Resource**  | **Describe Resource Requested** | **Prioritize these requests****1,2,3, etc.** | **Strategic Plan 2013 Goal/****Objective Addressed by This Resource****(**[**Link**](http://www.palomar.edu/strategicplanning/STRATEGICPLAN2013.pdf)**)**  | **Provide a detailed rationale for the requested resource. The rationale should refer to your discipline’s plan, analysis of data, SLO assessments, and/or the College’s Strategic Plan** | **Estimated Amount of Funding Requested** | **Will this be one-time or on-going funding?** | **Is resource already funded (in part or in full)? If so, name source. Why is that source not sufficient for future funding?** |
| **b1.**  | **Large Format Printer for IT-3** | **3** | **Goal 6** | **Standard equipment in any architectural practice for "D' size sheets** | **1000.00** | **One time** | **No** |
| **b2.**  | **Software and licensing** | **1** | **Goal 6** | **Currency with industry for student employability** | **6500.00** | **Annual** | **No** |
| **b3.**  | **Computers** | **2** | **Goal 6** | **New computers are now installed in IT-3. They will need replacement in 3 years.** |  | **On going** | **No** |
| **b4.**  |  |  |  |  |  |  |  |
| **b5.**  |  |  |  |  |  |  |  |

| **c. Budget for 4000s (per unit cost is <$500 supplies) *Enter requests on lines below.*** |
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| **Resource**  | **Describe Resource Requested** | **Prioritize these requests****1,2,3, etc.** | **Strategic Plan 2013 Goal/****Objective Addressed by This Resource****(**[**Link**](http://www.palomar.edu/strategicplanning/STRATEGICPLAN2013.pdf)**)**  | **Provide a detailed rationale for the requested resource. The rationale should refer to your discipline’s plan, analysis of data, SLO assessments, and/or the College’s Strategic Plan** | **Estimated Amount of Funding Requested** | **Will this be one-time or on-going funding?** | **Is resource already funded (in part or in full)? If so, name source. Why is that source not sufficient for future funding?** |
| **c1.**  |  |  |  |  |  |  |  |
| **c2.**  |  |  |  |  |  |  |  |
| **c3.**  |  |  |  |  |  |  |  |
| **c4** |  |  |  |  |  |  |  |
| **c5.**  |  |  |  |  |  |  |  |

|  **d. Budget for 5000s (printing, maintenance agreements, software license etc.) *Enter requests on lines below.*** |
| --- |
| **Resource**  | **Describe Resource Requested** | **Prioritize these requests****1,2,3, etc.** | **Strategic Plan 2013 Goal/****Objective Addressed by This Resource****(**[**Link**](http://www.palomar.edu/strategicplanning/STRATEGICPLAN2013.pdf)**)**  | **Provide a detailed rationale for the requested resource. The rationale should refer to your discipline’s plan, analysis of data, SLO assessments, and/or the College’s Strategic Plan** | **Estimated Amount of Funding Requested** | **Will this be one-time or on-going funding?** | **Is resource already funded (in part or in full)? If so, name source. Why is that source not sufficient for future funding?** |
| **d1.**  | **Printing budget for outreach accesibility** | **2** | **Goal 2** | **Advertising** | **5,500** | **On-going** | **No** |
| **d2.**  | **Website budget for outreach ADA accesibility** | **4** | **Goal 2** | **Advertising** | **650** | **Annual** | **No** |
| **d3.**  | **Architectural bus tours (4)**  | **1** | **Goal 2** | **Visual literacy & familiarization with important architectural projects in the region** | **4000** | **On-going** | **No** |
| **d4.**  | **Architectural film acquisition** | **3** | **Goal 2** | **Architectural history & theory courses** | **1200** | **On-going** | **No** |
| **d5.**  |  |  |  |  |  |  |  |

|  **e. Classified staff position (permanent/contract position requests unique to this discipline) *Enter requests on lines below.*** |
| --- |
| **Resource**  | **Describe Resource Requested** | **Prioritize these requests****1,2,3, etc.** | **Strategic Plan 2013 Goal/****Objective Addressed by This Resource****(**[**Link**](http://www.palomar.edu/strategicplanning/STRATEGICPLAN2013.pdf)**)**  | **Provide a detailed rationale for the requested resource. The rationale should refer to your discipline’s plan, analysis of data, SLO assessments, and/or the College’s Strategic Plan** | **Estimated Amount of Funding Requested** | **Will this be one-time or on-going funding?** | **Is resource already funded (in part or in full)? If so, name source. Why is that source not sufficient for future funding?** |
| **e1.**  |  |  |  |  |  |  |  |
| **e2.**  |  |  |  |  |  |  |  |
| **e3.**  |  |  |  |  |  |  |  |
| **e4.**  |  |  |  |  |  |  |  |
| **e5.**  |  |  |  |  |  |  |  |

| **f. Classified staff position (temporary and student workers position requests unique to this discipline) *Enter requests on lines below.*** |
| --- |
| **Resource**  | **Describe Resource Requested** | **Prioritize these requests****1,2,3, etc.** | **Strategic Plan 2013 Goal/****Objective Addressed by This Resource****(**[**Link**](http://www.palomar.edu/strategicplanning/STRATEGICPLAN2013.pdf)**)**  | **Provide a detailed rationale for the requested resource. The rationale should refer to your discipline’s plan, analysis of data, SLO assessments, and/or the College’s Strategic Plan** | **Estimated Amount of Funding Requested** | **Will this be one-time or on-going funding?** | **Is resource already funded (in part or in full)? If so, name source. Why is that source not sufficient for future funding?** |
| **f1.**  |  |  |  |  |  |  |  |
| **f2.**  |  |  |  |  |  |  |  |
| **f3.**  |  |  |  |  |  |  |  |
| **f4.**  |  |  |  |  |  |  |  |
| **f5.**  |  |  |  |  |  |  |  |

| **III. B. Are there other resources (including data) that you need to complete your discipline review and planning?** |
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| **The Green Community College Summit Conference has an important role to update instructors in changes to code. This event is held in Pasadena and has been pivotal for instructors to mold program for career pathways into new technologies. The cost for attendance is approx. $900.00.**  |

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| **STEP IV. SHARE YOUR ACCOMPLISHMENTS (AKA Brag, Toot your horn) Please include at least one discipline accomplishment that you’d like to share with the college community.** |
| **The program has partnered with the San Diego USGBC for more engagement with the student architectural club. Service Learning continues to support the role of the Palomar Collegecampus as a partner in the community. (Objective 2) Students are getting direct applications connections through Habitat for Humanity. Organizations are now seeking out Palomar students for campus internships. The materials class has benefitted from onsite construction providing a campus "observation lab" showing real time load order, the experience reinforces theory. We are articulating with Tech High School in Vista and Ramona H.S. (Strategic Plan Objective 2.2).** |

| **STEP V. ACCREDITATION For programs with an external accreditation, indicate the date of the last accreditation visit and discuss recommendations and progress made on the recommendations.** |
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| **STEP VI. COMMENTS Other comments, recommendations: (Please use this space for additional comments or recommendations that don’t fit in any category above.)** |
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| **Please identify faculty and staff who participated in the development of the plan for this department:** |
| **Kenneth Swift*Name*** | **Sandra Andre*Name*** | ***Name*** |

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| ***Name*** | ***Name*** | ***Name*** |

**Department Chair/Designee Signature Date**

**Division Dean Signature Date**

* **Provide a hard copy to the Division Dean no later than September 14, 2012**
* **Provide a hard copy with the Dean’s sign-off to Instructional Services by September 28, 2012**
* **Email an electronic copy to** **jdecker@palomar.edu** **by September 28, 2012**