

# PALOMAR COLLEGE INSTITUTIONAL REVIEW 2005 INSTRUCTIONAL PROGRAMS DATA COLLECTION FORM

PLEASE READ "2005 Instructional Programs Guidelines Form" BEFORE PROCEEDING.

**Name of Instructional Program Reviewed in this Document:** Drafting Technology

**1. Progress Report. Review previous year's institutional review.** Describe the progress made on any recommendations or areas of need identified in your previous year's review. Specifically, describe progress made toward the areas of program assessment, current program goals and objectives, and learning outcomes.

Drafting Technology used the data to track and improve student success rate. The figures reflect the difference between 2002 and 2004. The enrollment increased by 27 students. The WSCH increased by 34.4. The FTES increased by 1.2. WSCH to FTES decreased. The retention rate in percentages decreased by 4.1% and the success rate decreased by 3.8. The program is evaluating why the success rate decreased and working on making improvements.

**2. Insert quantitative data for this program.** Access this data at <http://sharepoint.palomar.edu/ir>

Program Data Elements	Fall 02	Fall 03	Fall 04
Enrollment	379	410	406
WSCH	2,239.2	2,345.8	2,273.6
FTES	74.6	78.2	75.8
WSCH/FTEF	493.0	541.8	454.7
Retention Rate	87.3	88.5	83.2
Success Rate	72.9	74.5	72.8
% Enrollment to Max	N/A	102.9	99.1

Staff Data Elements	Fall 02	Fall 03	Fall 04
Contract FTE	2.22	2.00	2.20
Overload FTE	0.39	0.47	0.91
Hourly FTE	1.93	1.86	1.89
Total FTE	4.54	4.33	5.00

**3. Program assessment.** Assessment of program offerings, faculty/staff needs, etc.

Drafting Technology needs a new full-time position. A replacement position is needed to help with AutoCAD, Electro-Mechanical Drafting, and Lab Maintenance.

The Drafting Technology courses and programs have been reevaluated this year and several new courses are in the Curricunet process now including DT 185 and DT 160. Several program changes have also been made in the Electro-Mechanical Drafting program. The Drafting Technology program has constant and important software update needs. Currently 3D Studio MAX is 3 releases behind the current version of Release 8.

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**4. List accomplishments program has made in the last academic year.**

44 new Del computers were installed in E-10 and E-13 and are working fine. 2 new "A" size printers (purchased by ROP) are online and working fine. The latest release of SolidWorks was delivered last week and will be installed on 22 computers in room E-13 over the semester break. The latest release of AutoCAD (This includes Architectural Desktop) is ordered and expected to be delivered anytime. It will be installed over the semester break on all 44 computers in E-10 and E-13. All of the computer maintenance is going to be handled by IS starting in December of 2005. There have been new chairs put into IT-3 and new tabletop material was ordered and 7 of the tabletops have been installed at this point. Overhead projectors were in E-10, E-13, and Q-4.

**5. List current program goals and objectives.** (2-3 measurable goals that are congruent with Palomar College Strategic Planning Goals)

To hire a new electronics and AutoCAD instructor to replace Anne Reiss who retired 3 years ago.

**6. Learning outcome goal and objective.** Identify one learning outcome that has been incorporated in one course in the program and identify a measure for determining whether the learning outcome has been achieved.

DT-127 is a course in advanced AutoCAD applications. As a part of this class the students learn AutoISP AutoCAD's programming language) and how to customize AutoCAD's toolbars and pull-down menus. The student's portfolio includes a demonstration using these customized commands. In the workplace, it allows the drafter to create toolbar icons or pull-down commands for frequently used operations.

This Report Prepared By: \_\_\_\_\_  
Name (print and initial) Date

This Report Submitted To: \_\_\_\_\_  
Name (print) Date

**FEEDBACK & SUGGESTIONS TO INSTITUTIONAL REVIEW COMMITTEE FOR NEXT REVIEW:**