

2009-2010 Instructional Program Review and Planning Supplemental Form

Please complete this form for each priority you identified in the 2008-2009 progress report (review these at <http://www.palomar.edu/irp/IPRPSupplementalReport.htm>). Please list at the end of this form the faculty and staff who participate in this report. Forward (1) a hard copy to Instructional Services and (2) email a Microsoft Word copy to idecker@palomar.edu no later than 3/03/2010.

Department Earth, Space & Aviation Sciences	Department Priority # 4	<input type="checkbox"/> No funding/resources are being requested
Program/Discipline: Astronomy	Program/Discipline Priority # FOR 2010-2011: 2	

To establish a priority, use the current Program Review and Planning (PRP) document submitted Spring 2009 (posted at <http://www.palomar.edu/irp/IPRPSupplementalReport.htm>) for this program or discipline. Identify from Box #2 in the PRP a priority for the upcoming academic year or develop a priority based on the data analysis discussed in Box #2.

*2. Data Analysis (restate or summarize the data analysis from the PRP): Astronomy census figures indicate a total enrollment of over 500 students per semester and over 85% enrollment load. Astronomy has an excess of 1,500 WSCH and a retention rate of over 90%.					
*3.a/b. Describe your goal (priority) based on data analysis from the PRP: This laser will be used for spectra demonstrations in the ASTR 100 classes and the ASTR 105 labs.					
Resources requested: Identify all the resources you are requesting to support the implementation of this priority. These resources would be additional funding needed beyond what is already provided to the discipline through the base resource allocation process.	Describe the resource(s) requested	Cite page(s) that provide rationale for this priority request	Estimated Amount of Funding Requested	New, one-time funding	New, on-going funding
*4.a. Equipment – Per unit cost is ≥\$500 (microscopes, table saw, etc.)	Argon Multi-Spectral Laser	3, 4	\$6,300	\$6,300	
*4.a. Technology (computers, data projectors, document readers, etc.)					
*4.b. Budget for 4000s - Per unit cost is ≤\$500 (supplies)					
*4.b. Budget for 5000s – Printing, maintenance agreements, software license, accreditation fees, etc.					
*4.c. Facilities					
*4.d. Faculty position					
*4.e. Classified staff position					
			TOTAL		
			\$6,300		

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How will you evaluate whether or not you have met your goal/priority with the requested resources?
 This equipment should enhance student learning in the area of element identification and stellar analysis. As a result, we should expect to see an uptick in student learning in the assessment cycle of ASTR 100 & 105L.

What evidence will you provide to reflect the impact these resources had on student learning?
 Both during the assessment phase of the SLO cycle and on exam questions, demonstrated student knowledge of stellar spectra should show an improvement.

<p>*5. Strategic Plan goal or objective addressed by this priority: http://www.palomar.edu/strategicplanning/Strategic%20Plan%202009/Strategic%20Plan%202009_book%20as%20printed.pdf</p> <p>Student success, Teaching and Learning Excellence</p>	<p>Course(s) & SLO(s) addressed by this priority: http://www.curricunet.com/Palomar/</p> <p>ASTR 100, #2; ASTR 105L, #2</p>	<p>Program(s) and SLO(s) addressed by this priority (program is defined as a certificate, degree, or discipline): http://www.curricunet.com/Palomar/</p> <p>Astronomy AA degree.</p>
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Reflect on the progress your discipline and/or department is making on defining, implementing, and assessing course, program, GE/Institutional level SLOs. What have been the benefits and what have been the challenges?
 We have completed SLOs for all Astronomy classes and are beginning the assessment cycle. We are still developing the program SLOs. This equipment would come on-line between the first and second assessment cycle and thus its impact should be able to be judged.

Individuals completing this Program Review and Planning Supplemental document:

Name(s):	Signatures:
Steven Spear	