



# FOOTHILL COLLEGE:

# REQUEST FOR FACULTY FTE (One page per FTE)

		<b>Date Submitted:</b>	February 13, 2013
<b>Division:</b>	PSME	<b>Division Dean:</b>	PETER MURRAY
<b>Position:</b>	CHEMISTRY FT	<b>Priority (X of N)</b>	1 of 1
<b>Rationale:</b> <i>Include the status of currently opened positions</i>	<p><b>One of the FT Chemistry faculty has reassigned as of 1 July to be with her husband in the military. This will reduce the FT staff to 32%. Next AY, Victor Tam will be on approved PDL and the department will be at 26% FT Chemistry faculty.</b></p> <p><b>Over the last 6 years Chemistry continues to grow at over an average rate of 9% per year. The 13W WSCH increase was 10% and load increase of 8%. This trend will continue.</b> Significant growth is from the Allied Health relationship (Chem 30A/B), as well as all of the in the transfer courses: Chem 25, 1A/B/C, 12 A/B/C. Increased enrollments are due to the FT reputations in Chemistry and the quality of the classes that are offered. Next AY Chemistry will be offering CHEM 20: Introduction to Green Chemistry which will take one of the FT Chem Faculty from a traditional class. Anecdotaly, if students come to FH for Chemistry, they will also take Math, Biology, LA, etc.</p> <p>Even without the resignation, expansion has caused the Department to again drop well below 50% FT instruction to 38%. The FT Faculty are responsible for specific courses which includes the hazmat in the labs, updating the lab procedures as well as assisting PT with syllabus, books, Mastering Chem, review of exam questions, etc. A high level of difficulty exists in finding and retaining qualified part-time instructors -- 3 PT left this year to take FT positions. The department is stretched thin covering each of chemistry class sequences. Because of lab + lecture loads, many PT faculty will be ineligible to teach in Sp13 since they will be over 66% FT load. Many PT faculty can only teach in the evenings, which exacerbates an already bad situation. Additional FT faculty member will permit us to increase our offerings.</p>		

## Program Issues: Staff

<b>FT ratio:</b> <i>(dean's estimate)</i>	<b>Current</b>	<b>If filled</b>	<b>If not filled</b>		<b># FTE faculty assigned</b> <i>(dean's estimate)</i>	
	5.4/16.7 = 32%	38% (1 FT)	32%			16.7
<b>Narrative:</b> <i>are PT faculty available? Can FT faculty be reassigned to this program? Implications if not filled</i>		<p><b>Potential for increased growth is outstanding. No current FT faculty in PSME can be reassigned . If the position is not filled, growth potential listed above cannot be addressed.</b></p> <p><b>The quality of the chemistry program will suffer.</b></p>				

## Program Issues: Enrollment Trends

Year	Instructional Faculty Requests			Non Instructional Faculty		Comments
	Annual Enrollment	%Enroll growth	%Enroll (3 yr growth) ...calculation	FTEF in program	FTES/FTEF ("caseload")	
Prior year 2011-12	A 3,080	(A-B)/B 10%	(A-C)/C 26%			Long-term growth potential is very strong. Chemistry is out pacing many other departments.
Year before that	B 2,820					

3 year average w/A&B above	C 2,279				
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*Program Issues: Viability*

<b>Narrative:</b> <i>comment on projected demand, availability of staff/faculty, relevance to Ed master plan &amp; PROGRAM REVIEW goals...</i>	<p><b>The Chemistry Program has been increasing over the last six years, and that is accelerating. This is even with the downturn in FH CCC student enrollment, but the Chemistry increase in 13Winter WSCH is significantly more than FH's average. 90% of the classes are very strong (full to lab capacity). There is a student demand!</b></p> <p><b>PT faculty are very hard to find. The department has started a mentor program to assist new PT faculty adapt. Even with this support infrastructure, it takes two quarters for a new PT faculty to be reasonably proficient. The PT typically teach the lower division courses: Chem 25, Chem 30A/B, and Chem 1A.</b></p> <p><b>Typically FT faculty teach double lectures followed by labs. This is very productive since the second lab load is all that is added to having two sections versus one.</b></p> <p><b>Chemistry is a core discipline that students need for transfer to 4 year colleges, as well as Allied Health programs.</b></p>
<b>Health/safety/legal issues:</b>	<p><b>There has been a significant amount FT faculty effort expended on Hazmat issue and compliance. Having another FT faculty reduces the risk, <u>since most issues have been PT faculty related.</u></b></p>