

**Physics Department  
MULTI-YEAR PLAN**

<b>Outcomes</b>	<b>2011 - 2012</b>	<b>2012 - 2013</b>	<b>2013 - 2014</b>	<b>2014 - 2015</b>	<b>2015 - 2016</b>	<b>2016 - 2017</b>	<b>Means of Assessment, Benchmark</b>	<b>Who is in charge?</b>	<b>How the loop will be closed /has been closed?</b>
1. Know/Critical Thinking				<b>2A</b>	<b>5-9A</b>			See below	See below
2. Skills: Exp/Theoretical					<b>6-9A</b>				
3. Skills: Communication				<b>2A, 5A</b>	<b>5A, 9A</b>				
4. Christian Orientation				<b>5A</b>	<b>9A</b>				
5.									
<b>GE Projects</b>									
6. Insert Department Learning Outcomes in all Syllabi	<b>X</b>								
7. Evaluate the 10 SLO measures overall for continuation/removal	<b>X</b>								
8. Revise all rubrics				<b>X</b>					
9. Develop Oral Pres Rubric			<b>X</b>						
10. Plan for External Review		<b>X</b>							
11. External Review of Physics Program		<b>X</b>							
12. Revise Alumni Survey			<b>X</b>			<b>X</b>			
13. Prepare six year report						<b>X</b>			

**Comments/Reflections:** The following are our measures of our SLO's. In the above chart the measure used will be listed by the number of the measure (1 for MFT, 2 eval of lab abstracts, etc. followed by C for collected or A for analyzed). Some data will be collected every year but not analyzed until later. When only an A appears, the assumption is the data either was collected in previous years. Also the current plan involved all ten measures but note that a GE project is to evaluate the ten measures in year one so changes could (and probably will) be made at that time. Also note K=Kenneth Kihlstrom, S=Michael Sommermann and R=Warren Rogers

<u>Measure:</u>	<u>Outcome Measured:</u>	<u>Measurement:</u>	Who is responsible:
1. Major Field Test for physics (annual)	Knowledge	Direct	Kihlstrom
2. Evaluation of Lab Abstracts (once)	Skills (esp. comm./writing)	Direct/Authentic	Whittemore
3. Listing of student papers/ Presentations & internship evals. (annual)	Skills (esp. Exp. Tech but also writing/oral)	Direct	Rogers
4. Senior seminar Faith/Learning Essay (annual)	Christian Orientation	Direct	Sommermann
5. Senior Seminar Physics paper and oral Presentation (annual/once)	Knowledge/Skills (written and oral comm.)	Direct	Rogers
6. Percentage of students in internships (annual)	Knowledge/Skills (esp. Exp Tech.)	Direct	Kihlstrom
7. Percentage of graduates: grad. school (once)	Knowledge/Skills (esp. Exp Tech.)	Direct	Rogers
8. Percentage of graduates: technical fields (once)	Knowledge/Skills (esp. Exp Tech.)	Direct	Sommermann
9. Alumni Survey (two types)	All	Indirect	Kihlstrom