



## Planning and Evaluation Tracking

College Year: 2010-2011

Division of: Sciences and Engineering

Person Responsible: Jack Stanley

Department of: Physical Sciences

Person Responsible: Mary Graff

**Purpose Statement:** To provide quality learning in the physical sciences

Goal Statements	Objectives/Outcomes (including assessment tools and standards)	Results	Use of Results (including improvements and revisions)
1. Provide technician testing for Pantex Lab Technicians (from 2009-2010 form)	1. Prepare and provide tutoring and testing for Pantex Technicians for employment advancement at least two times during the year.	1. Tutoring and testing were provided for Pantex Technician advancement once during the year.	1. Pantex requested testing only one time during the previous year.
2. Improve critical observation and data analysis skills (from 2008-2009 form)	2. After study of known mineral specimens, 70% of geology 1103 students will be able to correctly identify at least 70% of an unknown mineral set based on a lab exam	2. 78% (18 of 23 students) of Geology 1103 students satisfactorily completed the identification of the unknown mineral set based on the outcome of the lab grades.	2. Completed for 2008-2009 - students will be encouraged to improve their skills in the areas of observation and data analysis.
3. Provide external training for industry.	3. Provide and meet the needs of industry to train personnel.	3.	3.

4. Provide upgrade and implementation of more technology in laboratory settings through grants and other resources.

4. Acquire additional laboratory equipment and incorporate the use of improved technology in chemistry and physics laboratory experiments.

4. Additional equipment, particularly for physics, has been acquired over the past year, mainly through a grant with New Mexico Tech.

4. Students have benefitted from the additional equipment and have had new opportunities to improve learning

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