Course Name and Number: Concepts in Physical Science Date: 8/18/10

Faculty Participating in Meeting:

C. Terry, S Quon

Student Learning Outcome: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| Component | A / Excellent | B / Good | C / Satisfactory | D / Below Satisfactory |
| Apply scientific reasoning to solve problems of a physical or chemical nature | Assessment: In-text questions; 16 end-of-chapter (homework) questions; 6 examinations.Grade A > 85% | Assessment: In-text questions; 16 end-of-chapter (homework) questions; 6 examinations.Grade B > 75% | Assessment: In-text questions; 16 end-of-chapter (homework) questions; 6 examinations.Grade C > 65% | Assessment: In-text questions; 16 end-of-chapter (homework) questions; 6 examinations.Grade D > 55% |
| Recognize the need for and select and organize appropriate information to solve problems | Assessment: In-text questions; 16 end-of-chapter (homework) questions; 6 examinations.Grade A > 85% | Assessment: In-text questions; 16 end-of-chapter (homework) questions; 6 examinations.Grade B > 75% | Assessment: In-text questions; 16 end-of-chapter (homework) questions; 6 examinations.Grade C > 65% | Assessment: In-text questions; 16 end-of-chapter (homework) questions; 6 examinations.Grade D > 55% |
| Employ appropriate vocabulary to describe physical and chemical concepts  | Assessment: end-of-chapter (homework) questions; 6 examinations.Grade A > 85% | Assessment: end-of-chapter (homework) questions; 6 examinations.Grade B > 75% | Assessment: end-of-chapter (homework) questions; 6 examinations.Grade C > 65% | Assessment: end-of-chapter (homework) questions; 6 examinations.Grade D > 55% |
| Independently conduct simple “Home-Based’ experiments with the minimum of supervision. Accumulate and process data accordingly and produce corresponding lab. reports. | 16 “Home Experiments’Grade A > 85% | 16 “Home Experiments’Grade B > 75% | 16 “Home Experiments’Grade C > 65% | 16 “Home Experiments’Grade D > 55% |
| Conduct lab. experiments involving computer-based data gathering and processing | Lab. Sessions at Ventura College.Grade A > 85% | Lab. Sessions at Ventura College.Grade B > 75% | Lab. Sessions at Ventura College.Grade C > 65% | Lab. Sessions at Ventura College.Grade D > 55% |