Course Name and Number: \_\_General Physics I PhysV06\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_8/13/10\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Faculty Participating in Meeting: \_\_\_\_\_\_

Dave Doreo, Dr. Steve Quon\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Component | A / Excellent | B / Good | C / Satisfactory | D / Below Satisfactory |
| Apply principles of scientific reasoning and the scientific method (observation of natural physical phenomena, development of cause/effect hypothesis, development of theory and mathematical model) to understand and solve physical problems applicable to heat, thermodynamics, classical optics, and quantum theory | Assess student implementation through question & answer, working group discussion, exams, and tutorial problems  (A =100%-90%) | Assess student implementation through question & answer, working group discussion, exams, and tutorial problems  (B = 89%-80%) | Assess student implementation through question & answer, working group discussion, exams, and tutorial problems  (C = 79%-65%) | Assess student implementation through question & answer, working group discussion, exams, and tutorial problems  (D < 55%) |
| Approach problems by choosing from variety of mathematical techniques | Assess student implementation through question & answer, working group discussion, exams, and tutorial problems  (A =100%-90%) | Assess student implementation through question & answer, working group discussion, exams, and tutorial problems  (B = 89%-80%) | Assess student implementation through question & answer, working group discussion, exams, and tutorial problems  (C = 79%-65%) | Assess student implementation through question & answer, working group discussion, exams, and tutorial problems  (D < 55%) |
| Defend a logical hypothesis to explain observed phenomenon | Assess special project assignments through graded classroom presentation  (A =100%-90%) | Assess special project assignments through graded classroom presentation  (B = 89%-80%) | Assess special project assignments through graded classroom presentation  (B = 89%-80%) | Assess special project assignments through graded classroom presentation  (D < 55%) |
| Recognize a problem and devise and implement a plan of action | Assess problem solving of homework assignments by classroom participation and written solution of problems  (A =100%-90%) | Assess problem solving of homework assignments by classroom participation and written solution of problems  (B = 89%-80%) | Assess problem solving of homework assignments by classroom participation and written solution of problems  (B = 89%-80%) | Assess problem solving of homework assignments by classroom participation and written solution of problems  (D < 55%) |