Course Name and Number: \_\_General Physics I PhysV02AL\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_8/13/10\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

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

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

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| 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 classical mechanics, heat, and thermodynamics | Observe lab team performance, individual lab writeups (A =100%-90%) | Observe lab team performance, individual lab write-ups(B = 89%-80%)  | Observe lab team performance, individual lab writeup (C = 79%-65%) | Observe lab team performance, individual lab writeups(D < 55%) |
| Approach problems by choosing from variety of mathematical techniques | Observe lab team performance, individual lab writeups (A =100%-90%) | Observe lab team performance, individual lab writeups(B = 89%-80%) | Observe lab team performance, individual lab writeups(C = 79%-65%) | Observe lab team performance, individual lab writeups (D < 55%) |
| Defend a logical hypothesis to explain observed phenomenon | End of semester evaluation by Instructor(A =100%-90%) | End of semester evaluation by Instructor (B = 89%-80%) | End of semester evaluation by Instructor (B = 89%-80%) | End of semester evaluation by Instructor (D < 55%) |
| Recognize a problem and devise and implement a plan of action | Lab exercise activities involving assembly and measurement (A =100%-90%) | Lab exercise activities involving assembly and measurement (B = 89%-80%) | Lab exercise activities involving assembly and measurement (B = 89%-80%) | Lab exercise activities involving assembly and measurement (D < 55%) |