Course Name and Number: \_\_General Physics I PhysV03BL\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 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 electricity and magnetism, sound, classical optics, quantum physics, atomic and nuclear physics | 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%) |