Curriculum Instructional Council
Actions Approved – April 11, 2019 Addendum

Subject: Physics (PHYS) Discipline: Physics/Astronomy

100 Introductory Physics **48 - 54 hours lecture, 48 - 54 hours lab, 4 units** **Letter Grade or Pass/No Pass Option** **REQUISITES:** *Prerequisite:* Mathematics 96 with a grade of "C" or better, or equivalent or Milestone M50. This course is designed for transfer-level students or for those wanting to acquire basic knowledge in physics with a minimum preparation in mathematics. A comprehensive coverage of subject matter in physics is presented, including mechanics, wave motions, thermodynamics, optics, electromagnetism, and atomic and nuclear physics. Emphasis is on the conceptual aspects, including explanation of natural phenomena. Concepts are reinforced through laboratory work. **FIELD TRIP REQUIREMENTS:** May be required **TRANSFER APPLICABILITY:** Associate Degree Credit & transfer to CSU. IGETC. UC Transfer Course List. CSU General Education.	**Offered At:** City, Mesa, Miramar **Action(s) Proposed:** Course Revision (May Include Activation) *Advisory (Remove)* *Prerequisite (New)* *Texts* *Approved* **Proposed for College(s):** City, Mesa, Miramar **Originating Campus:** MIRAMAR *This course is being proposed at Miramar for:* • *CSU General Education: B3 Area B. Scientific Inquiry and Quantitative Reasoning - Laboratory Activity* *B1 Area B. Scientific Inquiry and Quantitative Reasoning - Physical Science* • *District General Education: B2 Natural Sciences - Physical Sciences* • *IGETC: Area 5. Physical and Biological Sciences - 5A: Physical Science* *Area 5. Physical and Biological Sciences - 5C: Science Laboratory* *To be reviewed at the 5/09/19 CIC Meeting* *This course is being proposed at Miramar for UC Transfer* **Effective:** Fall 2019

*Requires Board of Trustees approval prior to implementation
~Course requires CCCCO submission
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PROGRAM CHANGES

(Note: To view from *Proposals* screen, click *Program Search* button, scroll down to program name, then option title, if appropriate, and click *PR* icon.)