Submitted by  Javad Moulai

Department/Division  STEM Division

Name of Course  Principles of Physics II

For New Course only:  Not applicable

Proposed Course Number  Registrar Verification
COURSE

New Course

Existing Course:

Change in:

Course title
Course description
Course prerequisite
Semester credit hours
Course number
Other ____________________________
Current Catalog Course Description for SCI144: Principles of Physics II

This course is a continuation of SCI143. Topics include work and energy, thermodynamics, mechanical waves, and sound. Much emphasis is placed on problem-solving. Competence in mathematics, including algebra, trigonometry, and differential calculus, is expected. A three-hour lab session is required each week.

Proposed Course Description:

SCI144 covers the areas of electricity, electrical circuits, magnetism, electromagnetism, and optics. This is a calculus-based course with emphasis on problem-solving and competence in mathematics is expected. A three-hour lab session is required each week.

Rationale for this proposal: A review of the transferability of this course has revealed necessity of this revision. The proposed description matches the equivalent course at UMASS Lowell, UMASS Boston, and Northeastern University among many other.
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<th>NOT RECOMMEND</th>
<th>NO OPINION</th>
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**Division Dean**

Date Received: __________
Recommended: __________
Not recommended: __________
No opinion: __________

Dr. Tala Khudairi
Name

Division Dean Signature

Date: __________

Comments:

__________________________________________________________________________
__________________________________________________________________________
__________________________________________________________________________

Curriculum Committee Form

Revised – F2011

3
Curriculum Committee

Date Received
Recommended
Not recommended

Michelle Howard-Harrell
Curriculum Committee Chair

Signature
3/15/13

Date

Comments:


Vice President for Academic Affairs

Date Received
Recommended
Not recommended

Dr. Brenda Mercomes
VP Academic Affairs

Signature
3/15/13

Date

Comments:


Curriculum Committee

Revised- F2011
New Course Only

Acuerdo
Recommended □
Not recommended □

Javad Moulai
Name

Signature of Representative

Date

Comments:

President

Approved □
Disapproved □

Dr. Linda Turner
Name

Interim President's Signature

Date

Comments:

Curriculum Committee Form

Revised – F2011