

FOR INFORMATION

MEMORANDUM

To..... SENATE
.....
Subject..... CHANGES - DEPARTMENT OF PHYSICS

From..... SENATE COMMITTEE ON UNDERGRADUATE STUDIES
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Date..... APRIL 3, 1985

Acting under delegated authority at its meeting of April 2, 1985 the Senate Committee on Undergraduate Studies approved -

Change of course description for -

- PHYS 101-3 General Physics I
- PHYS 102-3 General Physics II

MEMORANDUM

To.....Dr. R. F. Frindt., Chairman.....
 Faculty of Science UGCC

From.....J.C. Irwin., Chairman.....
Department of Physics.....

Subject.....

Date.....1985.02.06.....

The Physics Department recently approved the following changes to the course descriptions for PHYSICS 101-3 and PHYSICS 102-3:

PHYS 102:

From: A general survey course for life science students. Electricity, magnetism, optics, atomic physics, heat, kinetic theory, temperature and thermodynamics, with applications to the life sciences.

To: A general survey course for life science students. Electricity, magnetism, optics, quantum physics, with application to the life sciences.

PHYS 101:

From: A general survey course for life science students. Statics, kinematics, dynamics, work, energy and power, simple harmonic motion, acoustics, properties of matter, with application to the life sciences.

To: A general survey course for life science students. Statics, kinematics, dynamics, work, energy and power, simple harmonic motion, acoustics, properties of matter, thermal physics, with application to the life sciences.

Rationale:

PHYSICS 101 and 102 are first-year survey courses for life science students. It has become evident that PHYSICS 102 contained too many topics and, as a result, the course was too crowded and hurried. On the other hand, it was felt by professors teaching the courses that PHYSICS 101 could accommodate a few extra topics without a significant increase in pace.

The above changes are thus submitted to the faculty committee for approval.

Chuck

J. C. Irwin