

10-24-1991

SR-91-92-9 (ASCR/GR)

Marshall University

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ACADEMIC STANDARDS AND CURRICULA REVIEW COMMITTEE
AND
GRADUATE COMMITTEE
Recommendation

SR-91-92-9 (ASCR/GR)

That the following Course Addition be approved:

Physics and Physical Science: PHY 447/547, Mechanics for Teachers

(Course change forms are available for inspection in the Faculty Senate office - Northcott Hall 209-A.)

RATIONALE: A typical high school physics course is largely taken up by a study of classical mechanics. However, prospective physics teachers are only exposed to this area of physics during their first semester physics class when they lack the background and skills to achieve a sound understanding of the concepts.

The National Science Teachers Association recommends that the physics program should require experiences in designing, developing and evaluating field, demonstration, and laboratory instructional activities, and in using special skills and techniques with equipment and facilities which support and enhance curricula and instruction in physics. The American Association of Physics Teachers recommends that the undergraduate program should possess those skills that are special to physics teaching: The construction and grading of laboratory activities, demonstrations, and safety practices in the physics laboratory. And the laboratory especially should provide an introduction to the use of computers.

There is presently no course in the University that meets the above requirements.

FACULTY SENATE PRESIDENT:

APPROVED
BY SENATE: Robert Sawrey DATE: 10-24-91

DISAPPROVED
BY SENATE: _____ DATE: _____

UNIVERSITY PRESIDENT:

APPROVED: [Signature] DATE: 11-6-91

DISAPPROVED: _____ DATE: _____

COMMENTS:
