

SS
A+S

PROCEDURAL SEQUENCE FOR ACADEMIC SENATE APPROVAL OF PROPOSALS

1. Submit all proposals to the Office of Academic Affairs.
2. The Senate President will log items and forward them to the appropriate Senate subcommittees.
3. The Senate subcommittee will send the proposal to the Senate.
4. Senate proposals will be considered by the Full Faculty.
5. If approved, the proposal will then be forwarded to the Provost/Senior Vice Chancellor.

Proposals that require action to approve/disapprove/table or remand will be sent back to the Senate according to the monthly meeting schedule.

TITLE: Proposal to drop PHYS 233, PHYS 241, PHYS 242, and PHYS 243.

SUBCOMMITTEE: Curriculum PROPOSAL #: 00-30

PROPOSAL:

This proposal is to drop PHYS 233 from the curriculum along with PHYS 241, 242 and 243. The material contained in PHYS 233 will be added to the revised PHYS 231 and 232 and the new laboratory classes, which allows for more experiments and more in-depth experiments. The PHYS series of 241 thru 243 are calculus-based physics courses and have not been taught on this campus for over 5 years. They are not required by any program on this campus.

Action Signatures:

Ken Park 12-1-2000
Submitter Date

[Signature] Feb 9, 2001
College Chair/Dean Date

Thomas M. Welch (curr)
Committee Chair

Approve Disapprove Date 01/03/01

Leanne E. Munro
Committee Chair *ACAD Senate*

Approve Disapprove Date 4-11-01

Robert Christed
Faculty Senate President

Approve Disapprove Date 4-24-01

Roger Barber
Provost/Senior Vice Chancellor for Academic Affairs

Approve Disapprove Date 4/29/01

Revised: 11/15/99

[Signature]
Chancellor

approved Disapprove

5/1/01
Date

Course Revision Form

NEW ___ DROPPED X MAJOR REVISION ___ INFORMATION ONLY ___

Department Arts & Sciences Program Area Physical Science Date: 11-29-00

Prefix PHYS No. 233 Title Fundamentals of Physics III Credits 4

Required by BS in Education - General Science

Selective in _____

Elective in _____

General Education Distribution C area

Lecture _____ Lecture/Lab 79/25 Contact hours lecture 3 Contact hours lab 2

Current Catalog Description (include all prerequisites):

A general course covering electric charge, electric field, electric potential, capacitance, electric current, resistance, magnetism, electromagnetic induction, alternating-current circuits, relativity, and atomic structure. This course includes lecture and laboratory hours. Offered alternate years. Prerequisite: PHYS 231, 232 as well as MATH 112 and MATH 125.

Proposed Catalog Description (include all prerequisites):

Course Outcome Objectives:

New instructional resources needed (including: library materials, special equipment, and facilities). Please note: approval does not indicate support for new faculty or additional resources.

Course Revision Form

NEW DROPPED MAJOR REVISION INFORMATION ONLY

Department Arts+ Sciences Program Area Physical Science Date: 11-29-00

Prefix PHYS No. 241 Title General Physics I Credits 4

Required by could be used in place of PHYS 231

Selective in _____

Elective in _____

General Education Distribution C area

Lecture _____ Lecture/Lab 75/25 Contact hours lecture 3 Contact hours lab 2

Current Catalog Description (include all prerequisites):
A general course covering Linear Kinematics and dynamics, work-energy, conservation of energy, momentum-conservation of momentum, rotational inematics and dynamics, conservation of angular momentum and statics, law of gravitation and fluid mechanics. Primarily for students in engineering and science. Emphasizing mathematical development, using calculus and vector algebra. Course includes lecture and laboratory hours. Prerequisite: MATH 137 or MATH 220 or equivalent.

Proposed Catalog Description (include all prerequisites):

Course Outcome Objectives:

New instructional resources needed (including: library materials, special equipment, and facilities). Please note: approval does not indicate support for new faculty or additional resources.

Course Revision Form

NEW ___ DROPPED MAJOR REVISION ___ INFORMATION ONLY ___

Department Arts + Sciences Program Area Physical Science Date: 11-29-00

Prefix PHYS No. 242 Title General Physics II Credits 4

Required by could be used in place of PHYS 232

Selective in _____

Elective in _____

General Education Distribution Area

Lecture _____ Lecture/Lab 75/25 Contact hours lecture 3 Contact hours lab 2

Current Catalog Description (include all prerequisites):

A general course covering wave motion, sound waves, standing waves, thermodynamics, kinetic theory, geometric optics, interference of light and diffraction, and polarization. Prerequisites: MATH 138, MATH 221, or PHYS 241 or equivalent.

Proposed Catalog Description (include all prerequisites):

Course Outcome Objectives:

New instructional resources needed (including: library materials, special equipment, and facilities). Please note: approval does not indicate support for new faculty or additional resources.

Course Revision Form

NEW DROPPED MAJOR REVISION INFORMATION ONLY

Department Arts & Sciences Program Area Physical Science Date: 11-29-00

Prefix PHYS No. 243 Title General Physics III Credits 4

Required by could be used in place of PHYS 233

Selective in _____

Elective in _____

General Education Distribution C area

Lecture _____ Lecture/Lab 75/25 Contact hours lecture 3 Contact hours lab 2

Current Catalog Description (include all prerequisites):

A general course covering electric fields, Gauss' law, electric Potential, capacitance and dielectrics, current and resistance, direct current circuits, magnetic fields, Faraday's law, inductance, alternating current circuits, and electromagnetic waves. Prerequisites: PHYS 241, PHYS 242, MATH 138 or MATH 221 or equivalent.

Proposed Catalog Description (include all prerequisites):

Course Outcome Objectives:

New instructional resources needed (including: library materials, special equipment, and facilities). Please note: approval does not indicate support for new faculty or additional resources. There are no new instructional resources needed for this course.