Resolution 11 1988-89

TO: President John E. Van de Watering
FROM: The Faculty Senate Meeting on March 6, 1989 (Date)
RE: I. Formal Resolution (Act of Determination)
II. Recommendation (Urging the fitness of)
III. Other (Notice, Request, Report, etc.)

SUBJECT: Minor Changes in Physics Program

Signed (For the Senate) Date Sent 3.14.89

TO: The Faculty Senate
FROM: President John E. Van de Watering
RE: I. Decision and Action Taken on Formal Resolution
   a. Accepted. Effective Date 3.14.89
   b. Deferred for discussion with the Faculty Senate on
   c. Unacceptable for the reasons contained in the attached explanation
II, III.
   a. Received and acknowledged
   b. Comment:

DISTRIBUTION: Vice- Presidents:  Attached, so page only to

Others:

Distribution Date 3.14.89 Signed: (President of the College)
Dr. Lynn Parsons, President  
Faculty Senate  

Dear Lynn:

The Department of Physics has made the following minor changes in its courses and major:

1. These courses have been deleted from our list of offerings:
   - PHS 210 Historical Studies in the Natural Sciences
   - PHS 330 Digital Electronics Laboratory
   - PHS 331 Digital Electronics
   - AST 210 COSMOS

2. The following course has been added to our offering: PHS 309 Circuit Theory (A)

3. The following course has been modified: PHS 311 Electronics (A)

4. The "Major in Physics - Electronics Specialty" has been modified as follows:

   Physics Core Courses: 22 hours
   - PHS 305 Circuit Theory
   - PHS 308 Physical Measurements Lab. II
   - PHS 310 Electronics Laboratory
   - PHS 311 Electronics
   - PHS 314 Electricity & Magnetism II
   - PHS 412 Physical Electronics

   TOTAL: 36 hours

The changes are that PHS 309 and 308 replace PHS 330 and 331. The total number of hours is the same.

5. The courses required for teacher certification (by the Department of Education and Human Development) are:

   PSH 484 Adolescence
   - KLS 370 Drug Education for Teachers
   - SOC 412 School, Learning and Society
   - EDI 433 Methods of Teaching Sec. Science
   - EDI 440 Practicum in Sec. Education
   - EDI 441 Problems in Secondary Education

   TOTAL: 25 hours

The change is the addition of SOC 412 and the consequent increase in total from 22 to 25.
Lynn Parsons  

December 13, 1988

6. PHS 115 and PHS 116 are no longer Computer Literacy courses.

7. The following courses have had their co- or prerequisites changed:

PHS 111 General Physics I (A,N)  
PHS 112 General Physics II (A,N)  
PHS 115 General Physics I with Laboratory (A,L)  
PHS 116 General Physics II with Laboratory (A,L)  

PHS 301 Mathematical Methods of Physics (A). Prerequisites: PHS 202 and MTH 202  

PHS 304 Mechanics I (A). Prerequisites: PHS 202 and MTH 202, Corequisite: PHS 301  

PHS 305 Electricity and Magnetism I (A). Prerequisites: PHS 202 and MTH 202, Corequisite: PHS 301  

PHS 311 Electronics (A). Prerequisite: PHS 309.  

PHS 309 Circuit Theory (A). Prerequisite: PHS 202, Corequisite PHS 301.  

PHS 312 Mechanics II (A). Prerequisites: PHS 301 and PHS 304.  

PHS 314 Electricity and Magnetism II (A). Prerequisite: PHS 301 and PHS 305.  

PHS 411 Quantum Mechanics (A). Prerequisites: PHS 209 and PHS 312.  

PHS 412 Physical Electronics (A). Prerequisites: PHS 209, PHS 301 and PHS 305.  

PHS 413 Thermodynamics and Statistical Mechanics (A). Prerequisite: PHS 301.  

PHS 414 Optics (A). Prerequisites: PHS 301 and PHS 314.  

AST 201 General Astronomy (A,L). Corequisite: QNT 111 or equivalent.

Sincerely,

[Signature]

Richard V. Mancuso  
Chairman

RVM/pln