

3-6-1989

## Minor Change in Physics Program

The College at Brockport, College Senate

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Resolution 11 1988-89

TO: President John E. Van de Wetering  
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 [Signature]  
(For the Senate)

Date Sent 3-14-89

TO: The Faculty Senate  
FROM: President John E. Van de Wetering  
RE: I. Decision and Action Taken on Formal Resolution  
a. Accepted. Effective Date Fall 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: [Signature] Coverage only to attached text

Others:

Distribution Date 3/15/89

Signed: [Signature]  
(President of the College)

# BROCKPORT

State University of New York  
College at Brockport  
Brockport, New York 14420

Department of Physics  
(716) 395-2162

December 13, 1988

STATE UNIVERSITY OF NEW YORK  
COLLEGE AT BROCKPORT  
DEC 15 1988  
FACULTY SENATE  
BROCKPORT, NY 14420

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 309 Circuit Theory	3 hours
PHS 308 Physical Measurements Lab. II	1 hour
PHS 310 Electronics Laboratory	1 hour
PHS 311 Electronics	3 hours
PHS 314 Electricity & Magnetism II	3 hours
PHS 412 Physical Electronics	<u>3 hours</u>
<b>TOTAL:</b>	<b>36 hours</b>

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:

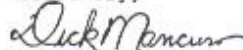
PSH 484 Adolescence	3 hours
HLS 370 Drug Education for Teachers	1 hour
SOC 412 School, Learning and Society	3 hours
EDI 433 Methods of Teaching Sec. Science	3 hours
EDI 440 Practicum in Sec. Education	12 hours
EDI 441 Problems in Secondary Education	<u>3 hours</u>
<b>TOTAL:</b>	<b>25 hours</b>

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

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)	} Corequisite: QNT 111 or equivalent
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,



Richard V. Mancuso  
Chairman

RVM/pln