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Senators: Chair – David Rainville, Vice Chair – Kristen Hendrickson, Secretary – Kris Hiney, Executive Committee – Glenn Potts, David Furniss

To: Connie Foster, Chancellor  
116 North Hall  
University of Wisconsin-River Falls

From: David Rainville, Chair  
Faculty Senate  
University of Wisconsin-River Falls

RE: UW-RF Faculty Senate Motion 2008/2009/40

At the December 10, 2008 meeting of Wisconsin-River Falls Faculty senate, motion 2008-2009/40 was passed. This motion is forwarded for your action.

A motion from AP&P for approval of an emphasis/option change in the Physics Major - Secondary Education.

          X           Approved

                   Disapproved

          *Connie Foster*            
Connie Foster, Chancellor

          1-28-09            
Date



## Narrative for Program Changes for Physics – Secondary Education

We are proposing modifying the number of credits on three physics courses, which will have a small impact on the Secondary Education Physics major. The three courses involved are the three Electronics courses, and they will be increased from 3 credits to 4 credits.

PHYS 311 is a required part of the Core Courses for the Option I, Option II, Secondary Education and Applied majors. It is a directed elective in the Dual Degree program and an elective for both the Liberal Arts minor and the Secondary Education minor.

PHYS 312 and PHYS 313 are required for the Applied Option, and are allowed electives in all the other major options and both minors.

There is a common core of courses for the Option I, Option II, Secondary Education and Applied majors. The courses in the core add up to 25 credits. The proposed increase in credits for PHYS 311 will increase the core to 26 credits. To keep the total credits for the major unchanged, the number of elective credits will decrease by one. The proposed changes for the Secondary Education Option are summarized below.

Secondary Ed: Core .....	26 credits
Required course PHYS 331.....	3 credits
Directed Electives in Physics .....	7 credits
Total for Secondary Education.....	36 credits

The common core consists of the following courses:

PHYS 161 Calc-based Physics I .....	4 credits
PHYS 166 Calc-based Phys Lab I.....	1 credit
PHYS 162 Calc-based Physics II.....	4 credits
PHYS 167 Calc-based Physics Lab II.....	1 credit
PHYS 204 Intermediate Physics Lab .....	1 credit
PHYS 264 Modern Physics .....	4 credits
PHYS 301 Advanced Phys Lab I.....	3 credits
PHYS 302 Advanced Phys Lab II.....	3 credits
PHYS 311 Electronics: Circuits & Devices	<b>4 credits</b>
PHYS 485 Seminar .....	1 credit