

AP PHYSICS C - SUMMER ASSIGNMENT
THE BOLLES SCHOOL - MR. LIPP

Congratulations on accepting the challenge of AP Physics C for next school year! To maximize our class time, students enrolled in AP Physics C must complete the following tasks prior to the first day of class.

1. FIRST-YEAR PHYSICS REVIEW

AP Physics C is a second-year Physics course that follows a year of AP Physics 1. This course also requires at least co-enrollment in either AP Calculus AB or BC. The Summer Review Worksheet checks your knowledge of important formulas from first-year Physics.

- The “AP Physics C Summer Review Worksheet” is available on Mr. Lipp’s class website – www.lippbolles.com – in the “DOWNLOADS” -> “AP PHYSICS C” menu. The worksheet is the first item in the list of downloadable documents.
- Complete the worksheet and bring your completed assignment to the first day of class. Your solutions must answer ALL five items for each formula to be scored as complete.

2. TEXTBOOK

All students should download the following FREE digital textbook for use in the class.

- Download the pdf of Volume 1 of **OPENSTAX UNIVERSITY PHYSICS**
<https://openstax.org/details/books/university-physics-volume-1>
- Students should also purchase the latest edition of the Princeton Review exam prep publication **CRACKING THE AP PHYSICS C EXAM**. This may be done later in the year when the 2023 edition is published.
- The **5 STEPS TO A 5: AP PHYSICS C** prep book by Greg Jacobs may also be helpful in addition to the required prep book above.

3. REQUIRED SOFTWARE

Vernier’s LoggerPro will be used for graphical and video analysis in class and, more importantly, in laboratory investigations.

- Download and install on your laptop or tablet the LoggerPro software at the following links according to your operating system:

Windows 10, 8.1, 7
<http://www.vernier.com/d/qfijq>

MacOS 10.12, 10.11, 10.10
<http://www.vernier.com/d/p0pgf>

- If your operating system is older or not listed above, contact Mr. Lipp at lippm@bolles.org for additional instructions.
- The Chromebook version of LoggerPro is not recommended as it does not allow video analysis, which will be performed in several laboratory exercises.

If you have any further questions, please contact Mr. Lipp at lippm@bolles.org.