

## AP PHYSICS C SUMMER READING

1. Read (text) chapters 1 – 3 and work thru the examples. Read the 'Vectors' worksheet, and the packet on vector algebra (with emphasis on sections 1.9 and 1.12). Attempt some or all of the following problems for practice and to reinforce your understanding of physics/vector concepts. **Note – if you have not studied vectors and/or are not familiar with unit vector notation, I would suggest that you make a serious attempt to understand vectors this summer. The mathematics(including calculus and differential equations) and application thereof in Physics C are quite rigorous.**
2. Chapter 1 – pg 19 # 17, 18, 21,50, 61, 71  
Chapter 2 – pg 49 # 1-3, 5,6,11,12,12,16, 19-21, 23, 24,27,33, 40, 43, 47,5
3. Chapter 3 – pg 71 # 1, 2, 5, 8,15-119, 31, 43,50, 51, 56, 57, 59
4. Vectors worksheet # 1- 4
5. Vector algebra packet – pg 24 # 1, 4-6  
Pg 37 # 1,3,5  
Pg 41 # 1,3