

Advanced Math and Physics Homework Instructions – 2016/17 School Year

Supplies required to begin:

Text: Adv. Math (2nd Ed.), Physics (only one edition)

Solution Manual: Adv. Math (2nd ed. 430 pages). Physics (285 pages). These are not simply answer keys. All the problems have been worked out step by step.

Boxed Paper: Use 4 box paper

Spiral Notebook: College ruled (For taking notes during lessons.)

Calculator: Physics – Sci. calc., Adv. Math – Sci calc. to begin, graphing calc. lessons 45 onward.

Other supplies: See supply list elsewhere on website.

Schedule:

	<u>Adv. Math</u>	<u>Physics</u>
	(Begin July 21)	(Begin July 28)
July 21-22	Lesson 1	
July 25-29	Lessons 2-4	Lesson 1
Aug. 1-5	Lessons 5-7	Lessons 2-4
Aug. 8-12	Lessons 8-10	Lessons 5-7
Aug. 15-19	Lessons 11-13	Lessons 8-10
Aug. 22 or 23	Class on Location	Class on Location

Procedure – Follow each step carefully:

1. Watch lesson on video, taking notes in spiral notebook and pause the video to do all assigned problems.
2. Do all problems in problem set without referring to the solution manual.
3. Check your answers to all problems (both odds & evens). Do not refer to the solutions at this time. Rework every problem which is incorrect researching with your notes as necessary. (All errors must be corrected.)
4. Check again those you have reworked. If your answer is still wrong on the 2nd try then read the steps in the Solution Manual. Correct your work and find similar problems of this type to do for the next several days until you are able to do this type of problem easily.
5. Your general procedure for correcting work is:
 - a) Try again.
 - b) Consult your notes.
 - c) Consult the Solution Manual.
 - d) Call Mr. Derrick.
6. These procedures are to be followed for the entire school year.
7. Each set should be scanned in PDF format then emailed after it has been completed.
8. Each week's assignments should have been sent on or before midnight Saturday.
9. If you are behind schedule give your catch-up plan for getting back on schedule.