

## Advanced Math & Physics Student Instructions

### Supplies required to begin:

**Text:** Adv. Math (2<sup>nd</sup> Ed.), Physics (only 1 ed. avail.)

**Solution Manual:** Adv. Math (2<sup>nd</sup> ed.), Physics (only 1 ed. avail.) This is not simply an answer key. All the problems have been worked out step by step.

**Boxed Paper:** Use 4 box paper for Adv. Math & Physics

**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. 22-23	Class on Location	Class on Location

### Procedure – Follow each step carefully:

1. Watch Lesson on tape, taking notes in spiral notebook and pausing tape to do all assigned problems.
2. Do all 30 problems in problem set without referring to the solution manual.
3. Check all 30 problems but do not look at the solutions yet. Mark those which are incorrect and rework them consulting your notes as necessary.
4. Check again those you have reworked. If your answer is still wrong on the 2<sup>nd</sup> 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. All sets must be presented fully corrected (that means reworked with the correct answer calculated) at the first "On Location" class.
7. Report in at the end of each week. While you are doing this initial part of the class at home on tape, you must call by 5PM Saturday each week to report which Sets have been completed. (A set is not complete until all problems are fully corrected.)
8. If you are behind schedule give your catch-up plan for getting back on schedule.