

**Advanced Math, Calculus & Physics Instructions and Schedule**  
**2025/26 School Year**

**Supplies required to begin:**

**Text:** Adv. Math (2<sup>nd</sup> Ed.), Calculus (2<sup>nd</sup> Ed.), Physics (only 1<sup>st</sup> Ed. available)  
**Solution Manual:** Adv. Math (2<sup>nd</sup> Ed. 430 pages), Calculus (2<sup>nd</sup> Ed. 398 pages) Physics (285 pages)  
This is not simply an answer key. 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:** Advanced Math and Calculus – TI-89 or TI-89 Titanium, Physics – Sci. calc.  
**Other supplies:** See supply list elsewhere on website.

**Schedule:**

	<b><u>Adv. Math</u></b> <b>(Begin July 17)</b>	<b><u>Physics</u></b> <b>(Begin July 24)</b>	<b><u>Calculus</u></b> <b>(Begins July 17)</b>
July 17 - 18	Lesson 1		Lesson 1
July 21 - 25	Lessons 2-4	Lesson 1	Lessons 2-4
July 28 - Aug. 1	Lessons 5-7	Lessons 2-4	Lessons 5-7
Aug. 4 - 8	Lessons 8-10	Lessons 5-7	Lessons 8-10
Aug. 11 - 15	Lessons 11-13	Lessons 8-10	Lessons 11-13
Aug. 18 - 2	Class on location	Class on location	Class remains online

**Watching Lessons & Checking Sets – Procedure**

**How to watch video Lesson:** Take notes in Math Spiral Notebook. Copy each problem worked on the board. Pause Video and work each problem assigned in the Video Lesson.

**How to do Sets:** Use 4-box paper. Work the entire Set without looking at the Solution Manual.

**Check all answers both odds & evens:** Write the # of errors at the top of the 1<sup>st</sup> page and circle the # wrong in red.

**Correct all errors:** both odd and even-numbered problems. Use a correction sheet or if you have room, you may draw a line under original work and redo the problem in the box. Check your corrections.

**Using the Solution Manual:** If you still have errors, study the Solutions in the Solution Manual and recorrect your work. If the Solution Manual doesn't help you, call or text Mr. Derrick: 832-561-5134. Give the Set and Question number you need help with. He will text you a more complete Solution after which you can call him if you have additional questions.

**Red Checkmark:** Once every question (both odd and even) has been worked correctly place a large Red checkmark at the top of the 1<sup>st</sup> page. The "Checkmark" is your confirmation that all problems in the Set have been worked accurately. Sets with a "Checkmark" are ready to be turned in.

**Emailing preliminary work.**

**Email each preliminary set as soon as it is complete,** (AdvM Sets 1-13 & Physics Sets 1-10). Once the Live Classes begin turn completed Sets in, in Class.

**Calculus students will email their Sets all year.**

**Scan each Set as a single PDF document.** The phone app: "Adobescan" allows you to take a series of pictures on your phone then click to make a PDF document of those pictures.

**If you complete your Sets early in the summer,** redo the last few Sets the week before the Live Classes begin.

**If you are behind schedule** at the end of a particular week, email or text your catch-up plan to catch up at the earliest possible time.

**If you have questions** about anything call: 832-561-5134