**3305 Modern Physics Presentations:**

The Modern Physics presentation component of the course is designed to accomplish three primary goals.

1. **Acquire a working familiarity with some aspect of Modern Physics that we will not cover directly in lecture.** For the most part, this concerns topics from Chapters 9 and the first half of 10 because they help undergird the material covered in the course. However, other topics may be chosen with the permission of the instructor.

2. **Organize technical material into a coherent document describing this aspect of modern physics.** For this project, this means a presentation is generated adhering to basic principles of good presentation design.

3. **Deliver the material to a group (the class + instructor) in a logical and ordered way such that the concepts can be adequately understood.** This entails a 20 minute presentation. The ability to answer questions on the subject is also important.

We will work thru the generation of your presentations in stages. At each stage, I will require some level of information to review your progress. These are:

1) choice of topic, initial outline with primary points (1st Tues. after midterm break)
2) Initial 10-point outline of topic main points (1st Thursday after break)
3) first draft of slides (3rd Tues. after break)
4) complete draft of slides and practice talk of first 3-4 slides (5th Tues. after break, worth 10% of presentation grade)
5) final presentation (final week of instruction). You will hand-in a final version of your presentation (PPT or PDF format, and hardcopy)