A. What is the recitation format for PHY218?
1. The recitation sessions are dedicated to engage students in problem solving, to offer guidance through the solving methods for the physics problems, and to give useful feedback on the spot.
2. During each recitation session, students will have to solve one short problem from the material discussed the precedent week and several multiple-step problems from the current material.
3. The short problem will be solved in a closed books quiz to be graded.
4. The multiple-step problems will be solved in teams of 3-4. The solutions should be clearly written in one report per team. All the members of the team, who are present in class, will receive the same grade for the report.
5. The form containing the problems to be solved in teams is called In-Class-Exercise (ICE). A pre-ICE containing these problems with the data blanked will be posted each Friday for the next week.
6. During the ICE, each team can ask for hints or help from the TA, but it will not be given the answers (much similar to the rules on Mastering Physics).
7. Teams will write their solutions on the white board, as assigned by the TA, and will need to explain their approach and to answer questions from the rest of the class.

B. What do students DO in a recitation session in PHY218?
8. Download the pre-ICE from e-campus and get familiar with the problems proposed.
9. Come to class and ask questions about last week’s problems/HW.
10. Take a short quiz chosen by the TA from the material covered during the previous week.
11. Work in team to find solutions for the problems in the ICE form.
12. Present the solution for one of the problems on the board as a team.
13. Watch/ask questions about the solution of another problem presented by another team.
14. Finalize and hand-in the team report (end of session).

C. How are the teams managed?
1. A team is made out of 3-4 students who are grouped around half of a table; books, internet, notes, etc. should be usually allowed during team work.
2. Each team must present a solution on the white board at least once in a 3-week period. Each student has to present at least two solutions during the semester. The TA is in charge to evenly distribute the presentations among teams.
3. Teams shuffle in the week following a midterm exam. After shuffling, the new team will have members from three different former teams. The TA is leading the shuffling process.

D. What is the grading for a recitation session?
1. Quiz: Maximum=2; individual grade
2. ICE: Maximum=8; same grade for each present member of the team
3. Recitation grade=Quiz + ICE; range: 0 to 10.
4. Absent from the session: zero for that day.