PEER LED LECTURES

Working in groups of 4 to 5, you are required to create a lecture on that topic for one class. Then, as per the syllabus, create an activity for ½ a class to review or reinforce your material. You will work with the professor to generate the lecture material such as slide handouts, activities, diagrams, chapter sections, etc. While this is a group effort, you as an individual will be graded on your effort. The grading rubric will be provided for you so that you can see where I expect your effort to be. I encourage you to be creative in how you present your topic. This is your chance to make lectures fun, embrace it!

Learning Objectives:

The learning objectives for doing this activity are listed below. In other words, this is what I want you to get out of the exercise. There is much evidence in the education literature that engaging students in the course by having them help develop the lectures improves understanding and retention of knowledge. I hope you will take this opportunity to develop engaging, fun, informative lectures and come away with a greater appreciation of orthopaedic biomechanics.

- Acquire in-depth knowledge in an area of orthopaedic biomechanics.
- Compile and explain the anatomy, disease, injury, and or technologies used in a specific area of orthopaedic biomechanics.
- Present a comprehensive and engaging lecture on a specific area of orthopaedic biomechanics.
- Use primary literature to develop discussion points and questions to lead class discussion to critique the research in the literature.
- Develop and propose test questions for a specific area of orthopaedic biomechanics.
- Develop communication and presentation skills.

Schedule and timeline of tasks:

This schedule has been designed to keep you thinking about your lecture and have you begin working on it prior to when it is presented. This will hopefully ensure that you have had ample time to research and prepare the lecture with feedback from the faculty member.

- **Two weeks before lecture:**
  - Produce a rough outline of the lecture in terms of what topics will be covered and in what order.
  - Meet with the professor to share your outline and any concerns or questions you may have.
- **One week before:**
  - Meet with the professor to show your rough draft of the lecture, meaning the slides in a rouged out form.
  - Discuss the activity you plan to do in class.
- **The week of your lecture:**
  - Send any lecture material you need printed to the professor.
- **Day of your lecture:**
  - Have fun!
- **Day after your lecture/activity:**
  - Rejoice that it is over and reflect on how much fun it was 😊.