

Contract Sample
Physical Therapy-Clinical Research
3 credit hour

Goals/Objectives

1. Develop a deeper understanding of human anatomy as well as biomechanics.
2. Improve skills for data collections, processing data, and interpreting results.
3. Develop communication skills and professionalism skills.
4. Begin working on a project and continue throughout the semester.
5. Become a critical consumer of research.

Tasks for completing objectives (with timelines)

1. Attend data collections and learn placement of markers to better understand the anatomy of what is being tested. Supplemental reading will also be used in learning human anatomy.
2. Attend multiple data collections when scheduled as well as spend at least three days a week processing data in the lab.
3. Research potential ideas for an abstract involving hip, trunk, and core strength in relation to lower extremity injuries. This includes reviewing the current literature from similar studies.

Criteria, with percentages, for Assessment

- Be tested on ability to properly process data through the Cortex and LabView softwares. (20% of grade)
- Be tested on ability to properly perform the current Hip-Trunk-Core study independently. (15% of grade)
- 3. Be tested on ability to prepare the lab for data collections. (20% of grade)
- 4. Give presentation on the anatomy of the hip, core, trunk regions in the human body during lab meeting. (15% of grade)
- 5. Present 5-6 credible articles to cite in rough draft of abstract and turn in rough draft of abstract to be reviewed and later revised. (10% of grade)
- Turn in finalized copy of abstract for future research study. (20% of grade)