Physics of the Human Body. The format of the paper will be: 12 Pt Font, Times New Roman, and Double Spaced. The Word file should have the following save name: Year Month Day, Course Number, YOUR Last Name Example: “20221217 PHYS120 Knezevic” The paper must include: • A detailed description of a physics aspect of your topic. o Explain how physics is relevant within your topic. • At least one research article that supports/investigates your topic. • Present quantitative and/or qualitative methods of analysis. • Include at least 5 different physics terms and concepts related to the human body. o Make sure to highlight these terms within your paper! o Examples: ♣ Describe the various forces involved in equilibrium or in changing motion. ♣ Select appropriate measurements and formulas to calculate various variables. ♣ Describe possible implications and applications of movement analysis result. • A demonstration of appreciation for your topic. The paper should include, but not limited to: ♣ Title Page o Include the course title, university name, personal information, and date of submission. ♣ Introduction o Clearly state your hypotheses/purpose. o Explain why you chose your topic. o Describe the topic. ♣ Body o Place the topic in context: ♣ How does it relate to/follow the scientific literature? ¬ Discuss the research article. ♣ What are the implications of the fundamentals of physics? ¬ What’s the physics aspect of your topic? ¬ Discuss your analysis. ♣ Discussion o Did you learn anything from this project? o So What? ♣ Why is this topic worth the audience’s/reader’s time? o What does the future have in store for your topic? ♣ Conclusion o What’s the take home message? ♣ References/Acknowledgements