Manuscript	Name:
Mechanics (4 points) Title page: concise and informative title, auth postal address and email address. (-1 point if mis 12-15 pages not including figures and graphs 12 point Times New Roman font, double space Proper grammar (-2 points for mistakes more Article divided into clearly defined and numb Safe Assign match Suggestions:	rsing) red than 4)
	Total points /4
Abstract (2 points) 200 words Introduction sentence(s) Methods sentence(s) Results sentence(s) Conclusion sentence(s)	
Suggestions:	Total points /2
Introduction (5 points)	Total points /2
State the objectives of the work and provide an adetailed literature survey or a summary of the read Minimum 2 pages Basic information available about this topic. (Description of resting membrane potes Description of Nernst equation Description neuromuscular junction Description of muscle contraction Description of how glycerinated rabbit Proper in text citations that match the referent Predictions Suggestions:	esults. 6-3 for inaccurate information) ntial t muscle is different than in vivo
Methods (4 points)	Total points /3
Provide sufficient detail to allow the work to be a published should be indicated by a reference: on described. Minimum 1 page Original photographs (-1 for pictures copied for Written explanation of statistical calculations Suggestions:	ly relevant modifications should be com protocol)
D. 1. (0. 1)	Total points /4
Results (3 points) Results should be clear and concise. Data/Observations (-1 results not presented v Claims / Interpretation Evidence / Statistics	erbally)

Lab 6: linear regression test and reported p value Lab 7: ANOVA reported on % change means Lab 7: t-test reported on means with and without serotonin Class Data with average & standard errors (-1 for reporting raw data) Reference to figures, tables, and graphs in text Suggestions:		
	Total points	/3
Discussion (3 points) This should explore the significance of the results of the work, not repeat combined Results and Discussion section is often appropriate. Avoid exterditations and discussion of published literature. Answered questions found at the end of the lab. New understanding Connections made between the lab activity and the lecture concept (-3 inaccurate information) Suggestions:	nsive	
•	Total points	/3
Conclusion Paragraph (2 points) The main conclusions of the study may be presented in a short Conclusion which may stand-alone or form a subsection of a Discussion or Results an section. Suggestions:		
	Total points	/2
Tables and Graphs (4 points) Proper labels Titles, independent and dependent variables, legend. Proper formatted title / caption- not on figure itself Independent and dependent variables labeled with units Legend Error bars reported on averages Correct type of graph used for reporting data Individual group data reported on membrane potential graph Bar graph with error bars for rabbit muscle data Figure of muscle histology Separate section for Tables and Graphs Suggestions:		
	Total points	/4
References (3 points) 5 sources minimum Proper format: Article example: Axelsson, M., Farrell, A.P., 1993. Coronary blood fl in the coho salmon (Oncorhynchus kisutch). Am. J. Physiol. 264, R9 Book example: Moyle, P.B., Cech, J.J., 2004. Fishes. An introduction ichthyology. 5th ed. Prentice Hall, Upper Saddle River, NJ.	963 - 971.	
Suggestions:	Total points	/3
	Grade	/30