Name:_____

## Math 142: FINAL PROJECT EVALUATION

**Paper reference: (5pts)** *Submitted by May 26th.*

**Talk outline: (5pts)** *Submitted by June 2nd.*

**Background: (10pts)** *State the main problem being studied in the paper. Discuss importance of this problem or/and motivation for solving the problem. Mention the authors' main goal in this paper.*

**Modelling: (20pts)** *What is being modelled? What are the modelling equations? Discuss the derivation/construction of the model; i.e. perhaps mention the simplest and more complex models. What are the assumptions? Are there factors neglected? How is the physical problem translated into mathematics?*

**Results: (20pts)** *What are the results? What are the mathematical techniques used by the authors? How did the authors analyze the model? Are there graphs, tables, and other figures? If so, explain them. Are there explicit solutions or approximations to the model? If so, explain how they are obtained and interpreted. Do the solutions make physical sense? How do the mathematical results relate to the physical problem?*

**Criticism: (10pts)** *Criticize the paper. Was the model too simple or was it very realistic? Maybe propose a better model. Are there better methods for solving the modelling equations? Were the authors able to analyze the model completely? Suggest other techniques for studying the model. Add any other comments about the paper.*

**Written summary: (15pts)** *A 2-3 page summary of your talk submitted on June 12th.*

**Participation as audience: (5pts)** *Please be present for all the talks in your group.*