**Oral Presentation (25 points)**

Every member of the group should present a portion of the project orally to the class using a power point presentation. The items required for the oral presentation are the same, as those required for the poster. Some groups print their power point presentation to create their poster.

**Team Members: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Oral Presentation**

|  |  |  |  |
| --- | --- | --- | --- |
| Component | Expectations | Points Earned | Points Possible |
| Introduction | The presenters clearly explained the question being investigated. |  | 5 |
| Structure | The presenters explained well, showed evidence of structure, made appropriate use of mathematics, and showed understanding. |  | 15 |
| Organization | The presenters showed evidence of a group plan. Everyone in the group had equal opportunity to participate. |  | 5 |
| Total points |  |  | 25 |

**Written Report**

|  |  |  |
| --- | --- | --- |
| **Component** | **Points Earned** | **Possible Points** |
| Title page |  | 1 |
| Table of contents with page numbers |  | 1 |
| Question to be studied |  | 2 |
| Why is the question of interest to the group? |  | 2 |
| Review of Literature (Optional) |  | (10) |
| Population |  | 2 |
| Variable of interest |  | 2 |
| Description of sampling |  | 4 |
| Null and alternative hypotheses |  | 4 |
| Descriptive statistics includes labeled graphs and tables |  | 8 |
| Inferential statistics, p-value, interpretation of results |  | 10 |
| Conclusions |  | 2 |
| Bibliography |  | 1 |
| Appendix |  | 1 |
| The report is thoughtful, well written, and well presented |  | 5 |
| Total |  | 45 (55) |

**Poster Evaluation**

|  |  |  |
| --- | --- | --- |
| **Component** | **Points Earned** | **Points Possible** |
| Question to be investigated and why |  | 3 |
| Assumptions made |  | 2 |
| Description of population studied |  | 2 |
| Description of Method of sampling |  | 2 |
| Descriptive analysis-graphical representation |  | 7 |
| Confidence interval |  | 3 |
| Hypothesis testing, p-value |  | 3 |
| Conclusion and its significance |  | 3 |
| Overall presentation (all typed) |  | 5 |
| Total points |  | 30 |