

ANS1 Honors Project Rough Draft Rubric

Grading comment:

Abstract - /5

Introduction - /10

Literature review - /10

Materials and methods - /15

Results - /20

Discussion and conclusions - /20

Acknowledgements - /5

References - /5

Skill development - /5

APA style/spelling - /5

Total = /100

Abstract

5 to >3.0 pts High Points

Abstract is brief and concisely describes the purpose, methods, results and conclusions. Abstract does not include cited references. Abstract is no longer than one page. Arrangement makes the purpose, procedure, results and conclusions clear.

3 to >1.0 pts Medium Points

Abstract describes the purpose, methods, results and conclusions. Abstract does not include cited references. Abstract is longer than one page. Arrangement makes the purpose, procedure, results and conclusions are vague.

1 to >0 pts Low Points

Abstract poorly describes the purpose, methods, results and conclusions. Abstract includes cited references. Abstract is longer than one page. Arrangement makes the purpose, procedure, results and conclusions unclear.

Introduction

10 to >6.0 pts High Points

Introduction answers the question "Why was the work done?" It clearly states the problem that justifies conducting the research, the purpose of the research, its impact on agriculture, the findings of earlier work, and the general approach and objectives.

6 to >2.0 pts Medium Points

Introduction answers the question "Why was the work done?" It vaguely states the problem that justifies conducting the research, the purpose of the research, its impact on agriculture, the findings of earlier work, and the general approach and objectives.

2 to >0 pts Low Points

Introduction does not answer the question "Why was the work done?" It does not state the problem that justifies conducting the research, the purpose of the research, its impact on agriculture, the findings of earlier work, and the general approach and objectives.

Literature Review

10 to >6.0 pts High Points

The literature review details what information currently exists concerning the research project. The information includes materials used in the research and material cited such as articles about similar studies, similar research methods, history of the research area and other items that support the current knowledge base for the topic and how the project might complement existing information.

6 to >2.0 pts Medium Points

The literature review poorly details what information currently exists concerning the research project. The information may or may not include materials used in the research. Some materials cited include articles about similar studies, similar research methods and history of the research area. How the project might complement existing information is not clear.

2 to >0 pts Low Points

The literature review does not detail what information currently exists concerning the research project. There is no information included or it does not reference materials used in the research. No information cited such as articles about similar studies, similar research methods or history of the research area. How the project might complement existing information is not clear.

Materials and Methods

15 to >9.0 pts High Points

Clearly written to enable others to replicate the study and results. Section is written in third person, encompasses all materials required, states the hypothesis/research questions and explains the study design. If used, the statistical procedures are included. A narration of the steps taken to complete the experiment is included.

9 to >3.0 pts Medium Points

Not written clearly to enable others to replicate the study and results. Section may or may not be written in third person, encompasses all materials required, states the hypothesis/research questions and explains the study design. The statistical procedures are included but are unclear. A narration of the steps taken to complete the experiment is included.

3 to >0 pts Low Points

Written poorly so others cannot replicate the study and results. Section is not written in third person, does not encompass all materials required for the research and hypothesis/research questions are not stated. The statistical procedures are not included. Steps taken to complete the experiment are listed.

Results

20 to >12.0 pts High Points

Written results of the project are summarized. Trends and relationships are clearly addressed. No conclusions are made in this section. Data that can stand alone in the form of tables and/or figures are included.

12 to >4.0 pts Medium Points

Written results of the project are incompletely summarized. Trends and relationships are vague. No conclusions are made in this section. Data that can stand alone in the form of tables and/or figures are sometimes included.

4 to >0 pts Low Points

Written results of the project are poorly summarized. Trends and relationships are not addressed. Data is not appropriately included as tables and figures.

Discussion and Conclusions**20 to >12.0 pts High Points**

Brief recap of the results is included and shows how they were the foundation of the study. Sound reasoning is shown that conclusions are based on results, incorporates previous literature and relates directly to the hypothesis. Discussion refers to or references facts and figures in results section and provides recommendations for practice, future research and the impact on the agriculture industry.

12 to >4.0 pts Medium Points

Brief recap of the results is included and shows how they were the foundation of the study. Unsound reasoning is shown that conclusions are based on results, vaguely incorporates previous literature and partially relates to the hypothesis. Discussion refers to or references facts and figures in results section and provides recommendations for practice, future research and the impact on the agriculture industry.

4 to >0 pts Low Points

No recap of the results is included or poorly shows how they were the foundation for the study. Conclusions are not based on results, previous literature not included and do not relate directly to the hypothesis. Discussion poorly refers to or references facts and figures in the results section and does not provide recommendations for practice, future research and does not illustrate the impact on the agriculture industry.

Acknowledgements**5 to >4.0 pts High Points**

Detailed list or paragraph is included acknowledging anyone who assisted with any aspect of the project and how they helped.

4 to >1.0 pts Medium Points

A list or paragraph is included acknowledging anyone who assisted with any aspect of the project.

1 to >0 pts Low Points

A list or paragraph is not included acknowledging anyone who assisted with any aspect of the project and how they helped.

References**5 to >4.0 pts High Points**

References contain significant, published, and relevant sources.

4 to >1.0 pts Medium Points

Resources listed are somewhat significant, published and relevant sources.

1 to >0 pts Low Points

References listed are not significant and relevant sources.

Skill Development

5 to >4.0 pts High Points

All five competencies (three from primary pathway, two from any other pathway) demonstrate skills that are appropriate for the scope of the research project. The project demonstrates application of skill attainment with significant measurable impact on the overall project.

4 to >1.0 pts Medium Points

Some of the competencies somewhat demonstrate skills that are appropriate for the scope of the research project. The project demonstrates application of skill attainment with incomplete measurable impact on the overall project.

1 to >0 pts Low Points

Very few competencies are listed and are not appropriate for the scope of the research project. The project does not demonstrate application of skill attainment and has no measurable impact on the overall project.

APA Style/Spelling

5 to >4.0 pts High Points

APA citation style writing is used throughout the report. No spelling or grammar errors are present.

4 to >1.0 pts Medium Points

APA citation style writing is used. Minor Spelling or grammar errors are present.

1 to >0 pts Low Points

APA citation style writing is not used. Excessive spelling or grammar errors are present.

Total Points: 100