

**UTAH STATE UNIVERSITY
AV 4660 – SENIOR PROJECT/PRACTICUM – FLIGHT
Spring 2009 Tuesday– Jan 6, 2009
Technology Building – Room T 101**

Lawrence Hemingway

Office: Technology Building Room #101
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Description: The development and completion of an approved aviation technology research project. Writing and speaking skills will be emphasized through technical reports and presentations.

The practicum option will allow students to assist and mentor in courses where a need for such help is beneficial to both the students and the course instructor. Professionalism will be stressed and high standards will be required. Each student desiring such an opportunity will gain valuable experience through teaching and mentoring assignments.

Each practicum student will complete a project or a report regarding the course supported. It may be a request from the faculty advisor to research or update a lesson plan or some facet of the course.

Objectives: To plan, propose, and complete an aviation technology-related research project. Give experience in writing proposals, test plans, progress reports, and formal final reports as well as giving presentations.

Practicum students will provide assistance, mentoring and teaching assistance to chosen faculty.

Organization: The student selects a research project and writes a formal proposal. After approval, the student is expected to arrange time necessary to regularly work on the project to successfully complete the project prior to the end of the term. The student should coordinate with the supervising faculty member. Each student is expected

to keep a detailed log of ALL work done on the respective projects and to prepare periodic progress reports as per the schedule. The final report and presentation for the project will be two weeks before finals.

Practicum students will meet with faculty advisor to plan and organize assistance requirements, write a plan to identify goals and procedures to follow during the semester. Weekly progress reports will be emailed to me assessing projects or work progress. The final report of assistance rendered, lessons learned and recommended practices will be due two weeks prior to the end of the semester.

Grading:

Grading will be based on the following:

Writing skills based on the proposal, test plan, progress reports, and final report

Research quality

Research logbook

Professionalism

Completion of project

Oral presentation

Faculty advisor evaluation

Weekly progress reports

Final written evaluation

SENIOR PROJECT REPORT FORMAT/CONTENTS

1. TITLE PAGE

2. TABLE OF CONTENTS

3. EXECUTIVE SUMMARY OF PROJECT

4. INTRODUCTION

5. PLAN

- Project description
- List of activities
- How are you going to proceed
- Sequence of events

- Required equipment/special equipment required

6. SCHEDULE (Time estimates - bar chart with milestones)

7. PROJECT COST ESTIMATES

- Expenditure schedule for materials, etc.

8. REPORT BODY

- Narrative of the project with documentation, pictures, drawings, visual aids, etc.

9. BIBLIOGRAPHY

- List of publications and sources used for the project

10. APPENDIX

- Other material, such as vendor sources, price lists, surveys, etc.

OPPORTUNITIES FOR PRACTICUM – Spring 09

- (2) CFII'S TO ASSIST IN TEACHING AV 4490 Human Factors
- (2) PROSPECTIVE CFI TO TEACH BASIC INSTRUMENT SIMS
- (1) WORK WITH COMMERCIAL GROUND
- (1) WORK WITH INSTRUMENT GROUND
- (1) WORK WITH PRIVATE GROUND

Special Accommodation

If a student has a disability that will likely require some accommodation by the instructor, the student must contact the instructor and document the disability through the Disability Resource Center, preferably during the first week of the course. Any requests for special considerations relating to attendance, pedagogy, taking of examinations, etc., must be discussed with and approved by the instructor. In cooperation with the Disability Resource Center, course materials can be provided in alternative formats, i.e., large print, audio, diskette, or Braille.

Academic Honesty

Plagiarism and other forms of academic dishonesty will result in assignment of a grade of "F" for the course. Consult the instructor if you have any questions concerning what constitutes plagiarism or academic dishonesty. You are expected to understand the rules concerning quotation, citation, and attribution in writing.