Gateway To Space

ASEN 1400 / ASTR 2500

Class #30

Colorado Space Grant Consortium
Gateway To Space

ASEN 1400 / ASTR 2500

Class #31

Colorado Space Grant Consortium
Today:

- Announcements
- Expo Recap
- Team Videos
- FCQs at 10:30 AM
Expo Recap:

- USB drives
- Extra credit – Latest grades posted
- Expo Winners?
- Good Experience?
- General Public?
- Other class projects?
Expo Recap:
Expo Recap:
Expo Recap:
Expo Recap:
Expo Recap:
TEAM AMERICA

Mission Control

Results

Analysis

Failure Analysis

Concept of Operations

Post Flight Mission Sim Results

Conceptual Block Diagram
TEAM JAR JAR BINX: PROJECT SUNSHINE

MISSION OVERVIEW

MISSION RESULTS

FAILURE ANALYSIS

PROJECT SUNSHINE

MISSION OVERVIEW

MISSION RESULTS

FAILURE ANALYSIS
Lego Drop Prizes:
Lego Drop Prizes:
HASP / RocketSat:

- HASP 2014 is still working on Proposal
- Due December 20th

- RocketSat-10 is meeting December 12 at 4 PM
- Meeting is at Space Grant
Thank You:

- Sign Master

December 9, 2013

At 7:00 AM on November 16, 2013, Edge of Space Sciences launched a high altitude balloon (COOS-101) from Winterton, Colorado. On board, one 8 Ballonists reached an altitude of 80,547 feet. The landing site was 6 miles north of Loveland, Colorado and 95 miles from the launch site.

We want to thank you for your support of the Colorado State University, AIRS 1400 AT-180 and all the unique experiences it has provided us.

Sincerely,

Chris Kauer and the 85 students of the class
Final Presentations:

- Tonight at 6 PM in this room
- Presentations are due at 4 PM
- Please name file with your team number
- Please check your file for formatting issues

- Food will arrive at ~5:40 PM
- Please bring your own drinks
- Introductions will begin promptly at 6 PM
- First presentation will be at 6:10 PM
- Each team will have 8 minutes to present
- Plan on a lot of questions
- Answer completely but concisely
Final Presentations:

Presentation Order:

6:10  Team 2
6:25  Team 3
6:40  Team 1
6:55  Team 4
7:10  Break
7:20  Team 7
7:35  Team 5
7:50  Team 6
8:05  Team 8

- Start times are estimated
- Team order is changeable
- Expect to be done by 8:45 at the latest
**Class Surveys:**

- Turn in next class to ...

- Complete both sides

- Will not receive until next year

- Name is optional
End Team Evaluations:

- Due next class

- Make sure your name is on the form

- Forms handed out 12/3
Community Service Forms:

- Due December 13, 2013
- Reductions if no picture or was not preapproved
- Those not preapproved may not be accepted
Hardware Turn In Next Class:

- Bring everything that was checked out to your team

- Bring everything that was purchased by me

- Bring extra items that you used from the Gateway Store

- Bring misc items: coolers, cables, extra sd cards, arduinos, etc.
Reminders:

- **HW #10** (Due 12-12-13 9:30 AM)
- **THANK** those that helped you (Tim, Jared, Peter, etc)
  - 12/10 Class Survey + Videos + FCQs
- 12/10 Final Presentations 6:00 – 9 PM HERE
- 12/12 Final Class + Team Videos + Hardware Turn-in + Final Team Evals DUE
- 12/16 Final Exam and DD Rev D – DLC 1B70 1:30 to 4:00 PM
Questions?

Colorado Space Grant Consortium
Final Exam:

- December 16, 2013 from 1:30 to 4 PM

- 3 Parts
  Multiple Choice, Written, and Oral + Extra Credit

- 29 A, 18 A-, 9 B+, 4 B, 2 B-, 1 C+, 1 C, 1 C- or Below

- To have or not to have…

- Your thoughts?
Team Videos

Colorado Space Grant Consortium