**Fundus Reading Hood**

*Client: Dennis G. Hafford*

*Team Members:* Leah Brandon (Leader)  
Adam Dahlen (Communications)  
Nathan Kleinhans (BWIG)  
Sara Worzella (BSAC)  

*Advisor: John Webster*

September 7 to October 13, 2005

**Problem Statement**

The goal of this project is to develop a monitor hood that will block ambient light. This hood must comply with the following specifications. The length must be adjustable and extend out 2 ft while keeping the monitor viewable at any length. It must be easily removable with a small footprint when stored, or will open up without requiring any space allowing regular viewing modality. There cannot be a footprint behind the monitor and it must taper to a closed viewing port of approximately 8 1/4” by 2 3/8”. Also, the hood should be self-supporting (no legs when extended) with an adjustable angle of view to allow grader to maintain good posture.

**Summary of Team Accomplishments**

- Determined final design
- Adjusted PDS (received new client requirement)
- Prepared power point presentation
- Continued work on written report

**Current Week’s Goals**

- Talk with client about design ideas
- Complete written report (10/18)
- Begin obtaining materials and blue prints for final design

**Project Difficulties**

- None

**Project Schedule**

- Week 1-2: worked on separate project
- Week 3: meet with client, literature search, develop PDS as a team
- Week 4: brainstorm design ideas
- Week 5: decide on three alternative designs
- Week 6: work on oral presentations and written report
- Week 7: oral presentations: hand in report, PDS, design notebooks
- Weeks 8-11: decide upon final design, work on prototype
- Weeks 12-14: prepare for final presentations (Dec 2), finish final design
- Week 15: hand in written report and notebook to advisor (Dec 7) and final advisor meeting (Dec 9)
Activities

**Leah Brandon:**
- Progress report  .5 hr
- PowerPoint  1 hr
- Written report  3 hrs

**Total**  
4.5hrs

**Adam Dahlen:**
- PowerPoint  2 hrs
- Design schematics  2hrs
- Practice Oral Presentation  1hr
- Communications  .5hr

**Total**  
5.5 hrs

**Nathan Kleinhans:**
- PowerPoint  1 hr
- Written report  1 hrs
- Website update  .5 hr

**Total**  
2.5 hrs

**Sara Worzella:**
- PowerPoint  .5 hr
- Written report  .75hr
- Practice Oral Presentation  .5 hrs

**Total**  
1.75 hrs

Team Total Hours this week: 14.25 hrs

Team Total Hours to date:  53.33 hrs

Expenses
- No expenses to date