

WIE scoring

Summary: 200 pts + possibility of 20 pts extra credit+ final exam

JHU Credit: will depend on total points plus a minimum score on the final exam (minimum score is yet to be determined)

Labs: 80 pts

- 10 pts College ranking (writeup including plot and scaling justification)
- 20 pts Remote measurement (writeup including sketch and calculation of error.
- 20 pts Mat's lab (full lab report including calculations and normalized plots.
- 10 pts Logic/robot (working robot circuit)
- 20 pts Chem processes (full lab report including calculations and plots).

Communication: 60 pts

- 15 pts Friedman essay (1.5*10--see essay scoring)
- 20 pts Mini research essay (2.0*10)
- 15 pts Oral presentation to RFP
- 10 pts Mousetrap—homework (student/instructor-evaluated construction plans)

Bridge project: 30 pts (+ up to 10)

- 30 pts completed bridge holding 3kg (net) (up to 10 pts extra credit for significantly heavier loads)

Miscellaneous:

- 10 pts For any additional instructor-initiated tasks/problems

Random assignments:

- 20 pts For carrying out problems on Random Assignments list

Subjective: 0 (± 10 extra points)

Team cooperation, on time, contribution, attitude, etc.

Essay Scoring

Essays scored on a basis of 10 possible points. Weighting of essay applied afterwards.

- 2 pts Meeting essay specifications (including bibliographic)
- 1 pt Reasonable introduction and conclusion
- 2 pts Logical progression/flow of ideas; structuring of information with appropriate level of specificity
- 2 pts Grammar, syntax, spelling, paragraph structure
- 1 pt Appropriate citations
- 2 pts “readability”