ASTR615 Survey Results
Fall 2011

11 respondents (100%)

1. Computer familiarity [1=Master, 5=None]:
   Avg = 3 [Skilled], range from [Expert] to [Novice]

2. All of you have access to a Mac or Linux (dept account)

3. Unix familiarity [1=Master, 5=None]:
   Avg = 3.2 [Skilled], range from [Skilled] to [Novice]

4. Unix commands:
   (a) ls: 11/11 correct (100%)
   (b) mkdir: 11/11 correct (100%)
   (c) cat: 7/11 correct (64%)
   (d) grep: 4/11 correct (36%)
   (e) make: 4/11 correct (36%)

5. Fortran familiarity [1=Master, 5=None]:
   Avg = 4.5 [Never seen], range from [Novice] to [Never seen]

6. Java familiarity [1=Master, 5=None]:
   Avg = 4.3 [Novice], range from [Expert] to [Never seen]

7. C familiarity [1=Master, 5=None]:
   Avg = 3.8 [Novice], range from [Skilled] to [Never seen]

8. C statements:
   (a) increment: 9/11 correct (66%)
   (b) loop: 8/11 correct (58%)
   (c) pointers: 4/11 correct (33%)
   (d) malloc: 3/11 correct (50%)
   (e) structures: 2/11 correct (8%)

9. Other languages/visualization packages: most of you know Python, some gnuplot IDL and Matlab. Nobody has ever heard of sm. I will have to remove it from the survey and from the class examples!

10. Do you know how to?
    (a) Deal with multimedia content: 9/11 (82%)
(b) Create animation: 3/11 (27%)
(c) Print colour output: 11/11 (100%)
(d) Use PowerPoint or OpenOffice: 11/11 (100%)

11. Have you ever?
   (a) Used a supercomputer: 1/11 (9%)
   (b) Written parallel code: 2/11 (27%)
   (c) Written assembly code: 0 (0%)
   (d) Used revision/maintenance software: 0 (0%)
   (e) Written HTML code: 7/11 (64%)