

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%)