

Florida State University COP 4610/CGS 5765

Principles of Operating Systems Recitation (Fall 2015)

Experience Survey

The purpose of this survey is to gather information to help structure the recitations and to determine which special workshops need to be held to bridge any gaps in experience. Your answers will not be counted against you, so answer the questions honestly.

Name: _____

Expected degree year: _____

Email: _____

Year: Fr SO JR SR GRAD

Your FSU card and a pin number will be used to access the computer lab. The pin number is any 4-digit number of your choosing

FSU Card #: _____

4-digit Pin: _____

- | | | |
|---|-----|----|
| 1. Have you programmed in C? | Yes | No |
| 2. Have you used any of the following software? | | |
| a. Linux Operating System (Ubuntu, Debian, Arch): | Yes | No |
| b. Shell (bash, sh, tcsh): | Yes | No |
| c. Virtualization tool (VMWare, VirtualBox): | Yes | No |
| d. Version Control System (cvs, svn, git): | Yes | No |
| e. Compiler (gcc, g++): | Yes | No |
| f. Debugger (gdb, ddd): | Yes | No |
| g. Build System (make, Scons) | Yes | No |
| 3. Are you familiar with the following concepts: | | |
| a. C-language concepts: | | |
| • pointers | Yes | No |

• recursion	Yes	No
• core dump	Yes	No
• C standard library	Yes	No
• structs	Yes	No
• macros	Yes	No
• malloc	Yes	No
• malloc	Yes	No
• free	Yes	No
• null-terminated string	Yes	No
• memory leak	Yes	No
• dangling reference	Yes	No
• printf	Yes	No

b. Operating systems concepts:

• multi-threading	Yes	No
• mutex	Yes	No
• deadlock	Yes	No
• /proc file system	Yes	No
• kernel module	Yes	No
• linked list	Yes	No
• pipes	Yes	No
• I/O redirection	Yes	No
• background processes	Yes	No