COS 217 / Introductory Survey

Name:	
E-Mail Address:	
Concentration (Major):	
Degree Sought (A.B., B.S.E.):	
Academic Year:	

Please indicate your level of expertise on these topics. Use a 5-point scale, where 5 means "I know this topic very well" and 0 means "I know nothing about this topic."

Expertise	Topic
	Binary, octal, and hexadecimal number systems
	Representation of signed integers (two's complement notation)
	Unix operating system, in general
	Fundamental commands (`cd`, `ls`, `cat`, etc.)
	Redirection (`<` and `>`) and pipes (`|`)
	Background processes via `Ctrl-z`
	GNU programming environment, in general
	The `emacs` editor
	The `gcc` compiler driver
	The `gdb` debugger
	The `make` project maintenance tool
	The `gprof` execution profiler
	Java programming language, in general
	Control structures (`if`, `switch`, `for`, `while`, `do`, `break`)
	Methods
	Arrays
	Classes
	C programming language, in general
	Control structures (`if`, `switch`, `for`, `while`, `do`, `break`)
	Functions
	Arrays
	Structures
	Preprocessor directives (`#include`, `#define`, etc.)
	Interface (`.h`) files
	Pointers and pointer operators (`*` and `&`)
	Dynamic memory mgmt. (`malloc`, `calloc`, `realloc`, `free`)
	Void pointers
	Function pointers
	Abstract data types (ADTs)
	Intel IA-32 architecture
	Intel IA-32 assembly language

Any comments? (Please use the back of this page.)