Princeton University
COS 217: Introduction to Programming Systems
Introductory Questionnaire

Name:	
E-Mail Address:	
Major:	
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
	The UNIX operating system, in general
	Fundamental commands (cd, ls, cat, etc.)
	Redirection (< and >) and pipes (	)
	Process control system calls (execvp, fork, wait, kill)
	Low level I/O system calls (open, close, creat, read, write)
	Inter-process communication system calls (pipe)
	Signal handling functions and system calls (signal, alarm)
	The GNU programming environment, in general
	The xemacs editor
	The gcc preprocessor, assembler, compiler, and linker
	The gdb debugger
	The make project maintenance tool
	The gprof execution profiler
	The Java programming language
	The C++ programming language
	The C programming language, in general
	Control structures (if, switch, for, while, do...while, break)
	Function calls
	Preprocessor directives (#include, #define, etc.)
	Header (.h) files
	Arrays
	Pointer variables and operators (* and &)
	Structures
	Dynamic memory management facilities (malloc, calloc, realloc, free)
	Void pointers
	Function pointers
	Opaque pointers
	Abstract data types (ADTs)
	The binary, octal, and hexadecimal number systems
	Intel IA-32 architecture
	Intel IA-32 assembly language

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