Instructions. (0 points) The purpose of this quiz is to survey the background of everyone taking the course. Unlike all of the other quizzes, this one will not be evaluated.

1.

    (a) What is the difference between network byte order and host byte order?

    (b) Which POSIX call can convert a 32-bit integer from host byte order to network byte order?

    (c) Why does byte order matter for network protocols?

    (d) Byte order affects binary data; is there a similar problem for text data?

2. Which related courses have you taken?

    ☐ A. Networking   ☐ B. Distributed systems   ☐ C. Computer Security

    ☐ D. Cryptography   ☐ E. Other (please list)

3. Which version control systems are you familiar with? (Check those that you have used to commit code to a repository.)

    ☐ A. CVS   ☐ B. Subversion   ☐ C. Git

    ☐ D. Mercurial   ☐ E. Bazaar   ☐ E. Monotone

    ☐ G. Other (please list)

4. Which programming languages have you used to write non-trivial ($> 1{,}000$ LOC) programs?

    ☐ A. C   ☐ B. C++   ☐ C. Java

    ☐ D. Python   ☐ E. Other (please list)

5. Which POSIX APIs are you familiar with? (check those for which you could explain 2/3rds of the given system calls without looking at a manual).

    ☐ A. Sockets (socket, bind, connect, recv, send, shutdown, listen, ...)   ☐ B. String manipulation (snprintf, strdup, strcat, strtok, strstr, ...)   ☐ C. Process management and IPC (fork, exec, dup, dup2, pipe, kill, waitpid, ...)

    ☐ D. Thread management (pthread_create, pthread_mutex_cond, ...)   ☐ E. Event handling (select, poll, epoll, ...)

6. Have you ever...

    ☐ A. ... visited the course website on `grothoff.org`?   ☐ B. ... downloaded and installed GNUnet?   ☐ C. ... used BitTorrent?

    ☐ D. ... used Tor?   ☐ E. ... read an academic research paper?   ☐ F. ... worked on a programming project in a team?

7. What do you hope to learn in this course?