Refer to the study guide for the week 3 quiz. All of the concepts on that study guide may be on the midterm.

In addition to the concepts on that week 3 study guide, make sure you understand the following:

- Operating system security (issues with virtual memory, password files, salt, dictionary attacks on password files), application security: buffer overflow attacks, smashing the stack, NOP sledding, trampolining, return to libc; format string attacks; network security, ARP spoofing, gratuitous ARP, legitimate uses of ARP.