UNM Policy 2500: “Users are responsible for all their activities using computing services and shall respect the intended use of such services.”

UNM Policy 2520: “Department heads, or designees may monitor and investigate systems or jobs under their control for appropriate use of resources, to protect or improve system performance, or in compliance with audit or legal requests.”

Bratus: “...instructors tend to carefully plan their teaching environment to minimize any distractions...”

Kernel: the inner softer part of a seed, fruit stone, or nut; a central or essential part.

Kernel space vs. user space

man strace
man pidof
man lsof
lsof -p NNN

cat /proc/NNN/maps

Processes in user space are kept separate via virtual memory, ask the kernel to do things on their behalf via system calls.

http://en.wikipedia.org/wiki/Virtual_memory

Interprocess communication comes in various forms, e.g., pipes or sockets:

http://en.wikipedia.org/wiki/Inter-process_communication

Sockets can be datagram sockets or stream sockets.

Socket: an opening or a cavity into which an inserted part is designed to fit.

What is a process?

man ps
man pstree
man top

Socket code for server.c and client.c:


man man
man 7 ip
man 7 tcp
man 7 udp

man screen

man netstat
netstat -tupln
netstat -an | less