CST 334: Operating Systems

Dr. Glenn Bruns

# OSTEP Chapter 6

**Purpose**. To understand how an operating system can run multiple processes at once. How can an operating control processes when the OS is not running? How can the OS provide for fair and efficient of the CPU?

**Instructions**. Read OSTEP chapter 6 and answer the following questions by downloading and editing [chap6.txt](https://drive.google.com/file/d/1qbcGDvbjU9pX88Jtinm-jwFGdgr6t18R/view?usp=sharing).

1. I/O operations of a processor (i.e., CPU) can be run when the processor is in:
   1. user mode
   2. kernel mode
2. The contents of the trap table are set when:
   1. the OS boots
   2. a system call is made
   3. a trap handler runs
3. (T/F) The location of the trap table is stored in hardware
4. (T/F) Code running in user mode is allowed to run a trap instruction.

**Submission**: Submit your edited chap6.txt on iLearn.

**Grading**: Each problem is worth 10 points.