CST 334: Operating Systems

Dr. Bruns

# Homework 10

**Important note:** you must follow the [course honor policy](https://drive.google.com/file/d/1DHMWTbWuZoTzLE5xtm6zpY_1eLB9P68z/view?usp=sharing).

I recommend starting with the pthreads programming problem.

1. **Reading: Semaphores**. See [instructions](https://docs.google.com/document/d/1b-qWeaYCWFmuj18dHO2gUSjAFic9denvLnU8ZQ-j_Nc/edit?usp=sharing).
2. **Pthreads programming: readers/writers lock**. See [instructions](https://docs.google.com/document/d/1LRFi-AJozzT01tnWUiYbzxXqCEMdiIF0gbVckPuEf04/edit?usp=sharing).
3. **AWK: verify readers/writers lock**. See [instructions](https://docs.google.com/document/d/1cV7ppgJOc84IQYzG8I1rRNETjQz_4cusDqH9HreBL1k/edit?usp=sharing).

**Submitting.** See submission instructions in each homework part. Do not submit a zip file. Please be careful to use correct file names.

**Grading**. The homework is worth 100 points (maximum). The parts of the homework are weighted as follows:

* part 1: 20%
* part 2: 60%
* part 3: 20%