



# Computer Systems and Networks

ECPE 170 – Jeff Shafer – University of the Pacific

## Midterm Exam

# Lab Schedule

## Activities

- **This Week**
  - **Lab 6 – Perf Optimization**
  - **Lab 7 – Memory Hierarchy**
- **Next Tuesday**
  - Intro to Python
  - Endianness
- **Next Thursday**
  - **\*\* Midterm Exam \*\***

## Assignments Due

- **Lab 6**
  - **Due by Mar 7<sup>th</sup> 5:00am**
- **Lab 7**
  - **Due by Mar 21<sup>st</sup> 5:00am**

# Midterm Exam

## Part 1 (25%)

- Paper & Pencil only
  - **No computer, no notes, no Internet, etc...**
- **When finished, turn in paper and obtain part 2**

## Part 2 (75%)

- With Computer
  - **Open notes, open Internet**
  - **Not allowed: communication with classmates!**

**You can choose how much time to allocate to Part 1 versus Part 2, but a safe goal is to leave 1 hour for Part 2**

# Midterm Exam – Part 1

- Format: **Short answer questions**
  - A few words up to a few sentences
- Content
  - All class material up through end of **Lab 6**
- Study Tips
  - Review lecture slides
  - Review questions asked in lab reports

# Midterm Exam – Part 2

- **Format: Perform “lab-like” activities**
  - Utilize version control?
  - Create a Makefile?
  - Profile a program for CPU utilization?
  - Use Valgrind to identify a memory leak, and then fix it?
  
- **You will only be given a text description of the problem**
  - You determine the right command(s) to use
  - Study tip: Know where to quickly find the right command

# Bring Laptop!

**\*\* Bring your Linux system to the  
midterm! \*\***

