ELEC 428 Final Exam Review

Review Topics:

Amdahl's Law

Performance Calculation

Signed Fixed-Point Arithmetic (Addition/Subtraction)

Unsigned Floating-Point Arithmetic (Addition/Multiplication)

Single-Cycle Control Signals

Pilelined Execution Stages

Cache Performance

Memory Organization

Memory Hierarchy

Interrupt Handling

Note: When you come to class, be prepared to vote for the top 4 topics you would like covered during the review. Topics will be covered as time permits.