CprE 458/558 - Final Exam preparation.

Note: Expect at least one question from each topic.

1. Resource Reclaiming: Run-time anomaly concept; Basic, Early Start, and RV algorithms.

2. Fault-Tolerance: (m,k)-firm deadline model and scheduler, redundancy level determination, backup overloading, dependability concepts – NVP and Recovery Blocks.

3. Distributed RT Systems: Global scheduling - transfer, selection, information, and location policies; FAB, Buddy set algorithm, and Maekawa set based info policy.

4. RT-WAN: Max-Min Fairness, WFQ and HRR schedulers, Leaky bucket policer, QoS routing concepts.


6. A set of small questions (conceptual questions) from student contributed questions based on their projects - this will be posted later.