**CSCI426/CSCI926 Software Testing and Analysis**

**Lab/Workshop – Week 2**

1. What are *availability* and *mean time between failures* in terms of software quality?
2. You manage an online service that sells downloadable video recordings of classic movies. A typical download takes one hour, and an interrupted download must be restarted from the beginning. The number of customers engaged in a download at any given time ranges from about 10 to about 150 during peak hours. On average, your system goes down (dropping all connections) about two times per week, for an average of three minutes each time. If you can double **availability** or double **mean time between failures**, but not both, which will you choose? Why?