

**EE445M/EE380L.6 Quiz 2 study guide (Spring 2017):** 15% **Friday** April 21, 10-10:50am, in regular class room

**Allowed**

Open book, open notes, calculator, paper, pens, and pencils

**Not allowed**

laptops, phones, devices with screens larger than a TI-89 calculator,  
devices with a QWERTY keyboard, no devices with wireless communication  
internet communication

**Lecture notes** Lec07.pptx Lec08.pptx

**Book section 1.7, section 2.2.6, section 3.6, section 3.7, section 7.4, chapter 8**

**Lab Important Topics**

Lab 4, eFile layer File System (fundamentals and implementations),  
eDisk layer, Flash (fundamentals),  
DMA (fundamentals)

Lab 6, Process management (fundamentals),  
SVC (fundamentals and implementations),  
memory management (fundamentals and implementations)

**File System**

Fall 2006, Quiz1, Question 2, Bit vector free space

Fall 2006, Quiz1, Question 3, File system

Spring 2008, Quiz1, Question 1, File translation table

Spring 2008, Quiz1, Question 2, Block size

Spring 2009, Quiz1, Question 1, Contiguous Allocation

Spring 2010, Quiz2, Question 4, File system logger

Spring 2010, Quiz2, Question 5, High reliability File system

Spring 2011, Quiz2, Question 5, Wear leveling disk system

Spring 2011, Quiz2, Question 6, Disk clustering

Spring 2011, Final, Question 7, FAT file system

Spring 2012, Quiz2, Question 4, File system in flash EEPROM

Spring 2013, Quiz2, Question 4, File system file table

Spring 2014, Quiz2, Question 4, File system with an index table

Spring 2014, Final, Question 11, File system with FAT