# CS490 Windows Internals

# Assignment 2

# Due: Friday, Oct. 11, 2013

1. Give a short explanation of the following terms and its usage in context of the Windows operating system:

* Handle
* Process
* Thread

1. Describe the five-state model for process/thread scheduling. What are the benefits/rationales for multithreaded programming? How many threads does a Windows process initially contain?
2. What are DPCs and APCs? Describe one typical scenario for each of these Windows mechanisms. Use diagrams if necessary.