***CPRE 431***

***Homework #1 (Due: Sept. 25)***

**Assignments will be submitted in PDF format via Canvas.**

Please submit your homework online through Canvas. Late homework will not be accepted.

Important: Your submission must be in .pdf format ONLY!

1. Describe the differences between a host-based IDS and a network-based IDS. How can their advantages be comoibned into a single system?
2. What are three benefits that can be provided by an IDS?
3. What is the difference between a fasle positive and a false negative in the context of an IDS?
4. What is the difference between anomaly detection and signature intrusion detection?