

Fall 2019

# CS 630-001: Operating System Design

D.C. Douglas Hung

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**CIS630: Operating System Design**  
**Computer Science, New Jersey Inst. of Tech.**  
**Syllabus, Fall 2019**

**Instructor**

- Prof. D. C. Douglas Hung, GITC 4313, Ext. x3384.(973-596-3384)
- E-mail: [hung@njit.edu](mailto:hung@njit.edu) (with a subject line as “CS630 related”)
- URL: <http://web.njit.edu/~hung>

**Office Hours**

- 12:05pm – 12:45pm Monday,
- 5:05pm – 5:45pm Tuesday &
- 10:35am – 11:15am Wednesday
- Others by appointments

**Description of Course**

To learn how the parameters of an OS system were designed. The embedded algorithms, reasoning and concerns will be discussed in detail. In order to do so, a pre-knowledge about the OS concept is required for surviving the class.

**Textbooks**

- Silberschatz, Galvin, and Gagne, **Operating System Concepts**, 10th edition, John Wiley & Sons.

**References**

- Bach, **The Design of the Operating System**, Prentice Hall.

**Course Works**

- Attendance                      5 %
- Homework                        15 % (due one week after each was assigned)
- Two Exams                        45 %
- Final                                35 %

**Grading Policies**

- A**    80% and above
- B**    60% and above            (B+    77% and above)
- C**    45% and above            (C+    57% and above)
- F**    otherwise

**Cheating Policy**

- Cheating is an action of which more than one student copy answers during an exam or share solutions for an assignment. All offenders get zeros for the assignment or course work, and a grade of “F” is pending.

**Special Notes**

- Submit assignments on time to prevent penalties.
- Due to business trip or unforeseen medical, legal, family or other emergency, an individual make-up exam will be warranted in a case-by-case manner. A valid signed document is required.