From the assessment results, we found that:

1. Most students were able to reach all five objectives successfully.
2. For objective 1, Dr. Lee needed to use a simple modern operating system, such as Linux, to explain the process management concepts completely; and let students to do more hand-on labs in process management.
3. For objective 5, Dr. Lee gave a brief introduction on how an operating system handles the network and security management. Students will learn more skills on this topic in CS403 (Data Communication and Networking).

Below are the graphical assessment results for the five objectives for CS360 in Fall 2008:
CS/CIS PR-4: Demonstrate technical competence in Databases.

- Be able to design and implement a functional database.

To assess the above CS/CIS program SLO, Dr. Lee conducted the assessment for CS315 (Database Management Systems) in both Spring 2007 and Spring 2008. Students used the same Microsoft Access system to design a simple business relational database. In Spring 2008, he spent more time on teaching both theoretical and practical aspects on table normalization. He also gave students more time on developing database management and user training skills. He used the same set of assessment rubrics and objectives to check the student learning outcomes (SLO).

Objectives for Relational Database Design:

1. Data collection, organization and understanding;
2. Using collected data to create and normalize tables;
3. Using normalized tables to create, implement and test the database;
4. Database management and customer training.

From the assessment results, we found that:

1. Most students are able to reach all four objectives successfully
2. For objective 2, most students understood both theoretical and practical aspects on table normalization
3. For objective 4, most students knew how to develop database management and user training skills
4. The SLOs in Spring 2008 have about 5% improvement from Spring 2007 even the class size of S08 is double of S07.

Below are the graphical assessment results for the four objectives in Spring 2007 and Spring 2008.