

Learning Guide Unit 3

Overview

Unit 3: Concurrency

Topics:

- Process Synchronization (CriticalSection, Semaphores and Mutex)
- Deadlocks (Deadlock Prevention and Avoidance techniques)

Learning Outcomes:

By the end of this Unit, you will be able to:

- Explain process synchronization and its techniques.
- Discuss deadlock prevention and avoidance methods.

Tasks:

- Read through the Learning Guide and the Reading Assignment.
- Complete the Discussion Assignment by posting in the Discussion Forum.
- Respond to at least two of your fellow classmates' posts in the Discussion Forum.
- Complete and submit the Assignment Activity.
- Take and submit the Self-Quiz.
- Take and submit the Graded Quiz.