



Course Competency Report by Code

Code: C191

Operating Systems for Programmers (C191)

Course of Study: C191 - Operating Systems for Programmers
Course Level: Undergraduate
Course Division: Lower Division Major
Discipline: Information Technology
Course Type:
Department: Information Technology

COMPETENCY #	COMPETENCY NAME	COMPETENCY TEXT
4022.1.1	Introduction to Operating Systems	The graduate describes operating systems, their functions, and their structure.
4022.1.2	Process Management	The graduate describes processes and threads and their relationship to multithreading and parallel programming.
4022.1.3	Memory Management	The graduate explains the different approaches to memory management and how they affect CPU utilization.
4022.1.4	Storage Management	The graduate describes different file systems and I/O algorithms.
4022.1.5	Protection and Security	The graduate describes mechanisms used by the operating system for protection and security and how they relate to software applications.