

795 PhD Written Qualifying Examination

PhD Qualifying Exam Topic	Department
Operating Systems	Computer Science

The exam is closed book and closed notes. Basic scientific calculator is allowed.

Relevant Undergraduate Course(s) at Khalifa University:

- COSC354: Operating Systems

Topics:

#	Title/Description	Reading Material [Primary Textbook, Chapter]
01	Process Management	Chapter 3
02	Thread Management	Chapter 4
03	CPU Scheduling	Chapter 5
04	Process Synchronization	Chapter 6
05	Deadlock	Chapter 8
06	Main Memory	Chapter 9
07	Virtual Memory	Chapter 10

Primary Textbook(s):

1. Operating Systems Concepts, by A. Silberschatz and P. B. Galvin. Publisher: Addison Wesley, 10th edition, 2021, ISBN: 1118063333.