

Introduction to Operating Systems
Processes and Threads
Critical sections
Deadlock
CPU scheduling
Memory management
File systems
Networks
Protection and Security

6. References. [Provide 3 - 5 references on which this course is based and/or support it.]

Siberschatz, Galvin and Gagne, *Applied Operating System Concepts*, Wiley, 2000. ISBN 0471365084
Haviland, Gray and Salama, *UNIX System Programming Second Edition*, Addison Wesley, 1998. ISBN 0201877589
Bovet and Cesati, *Understanding the Linux kernel*, 2nd edition (2002) O'Reilly ISBN 0596002130

7. List Faculty Qualified to Teach This Course.

All Computer Science faculty.

8. Frequency.

a. Projected semesters to be offered: Fall Spring Summer

9. New Resources Required.

a. Computer (data processing), audio visual, broadcasting needs, other equipment

Use of existing computer lab.

b. Library needs

none

c. Facility/space needs

none

10. Consultation.

Attach consultation sheet from all program areas, Library, and others (if necessary)

11. If this new course will alter any degree, credential, certificate, or minor in your program, attach a program modification.

Proposer of Course

Date