

after it is due, with a 20% late penalty. The deduction will not count with a university excused absence.

Programming assignments **MUST** work on Computer Science linux machines. They **must compile and run** on cosc linux machines no matter what (or where) you choose to write them on. If your program does not compile, a penalty of half the points will be deducted from the assignment and then grading will begin. With this penalty and a late penalty, it will be possible to receive zero or even negative points.

Approximate Lecture Sequence for COSC 4740

Introduction (1 to 2 weeks)

 Introduction and Overview (chapters 1-2)

Process Management (4 weeks)

 Processes (chapter 3)

 Threads (chapter 4)

 CPU Scheduling (chapter 6)

 Midterm Exam

 Process Synchronization (chapter 5)

 Deadlock (chapter 7)

I/O Management (1 week)

 I/O Systems (chapter 12)

Memory Management (2 weeks)

 Memory Management (chapter 8)

 Virtual Memory (chapter 9)

Midterm Exam

File & Storage Management (2 weeks)

 File System Interface (chapter 11)

 File System Implementation (chapter 12)

Protection and Security (2 weeks)

 Protection (chapter 14)

 Security (chapter 15)

Case Study: Unix Operating System (1 week)

 The Linux System (Chapter 15)

Distributed Systems (2 weeks or as time allows)

 Introduction and Communication paradigms

Final Exam

Please see the Syllabus addendum for additional information.