Department of Physics and Physical Oceanography
Physics 3151 - Astrophysics II
Winter 2017

Instructor: C. C. Stevenson, C4063
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Course Webpage: Though the course is active in D2L, the primary webpage where notices, lectures (once given), assignments, solutions, etc. will be posted will be: www.physics.mun.ca/~csteven/P3151

Text: Carroll, B. W., and Ostlie, D. A.

Evaluation: Assignments: 20%
Mid-Term Test: 20%
Term Project: 20%
Final Exam: 40%

Classes: Slot 4
in room C2045
Monday 11:00-11:50
Wednesday 11:00-11:50
Friday 11:00-11:50

A reminder of important dates in 2017: (Taken from the University Calendar)

Friday Jan. 6 -- Course first lecture, in C2045 (meet & greet)
Thursday Jan. 5 -- Classes begin
Thursday Jan. 26 -- Last day to drop courses and receive 50% refund
Monday - Friday, Feb. 20-24 -- Mid-term break (no classes)
Monday Feb. 27 -- Classes resume
Thursday Mar. 2 -- Last day to drop courses without academic prejudice
Wednesday Apr. 5 -- Classes end
Monday Apr. 10 -- Exams begin
TBD -- Course final exam
Thursday Apr. 20 - Exams end

Mid-term date: TBD (very likely the last class before Mid-term Break)

Material covered: The course will follow the text reasonably closely at times, with relevant additions and shifts in emphasis as new developments in astronomy and astrophysics warrant, and to further support concepts presented in the text. Chapters in the text that will be covered whole or in part are as follows:
IV - GALAXIES AND THE UNIVERSE

24. The Milky Way Galaxy
25. The Nature of Galaxies
26. Galactic Evolution
27. The Structure of the Universe
28. Active Galaxies
29. Cosmology
30. The Early Universe (time permitting)