

Astronomy 505: Galaxies

Section A01, Fall 2022

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Website for lecture notes and assignments: <http://www.astro.uvic.ca/~jwillis/teaching/astr505/astr505.html>

Lectures: Lectures will be held in Elliot 160 on Tuesdays from 2.30-4.30pm.

Office hours: Monday 2.00-4.00pm by appointment.

Course text: The structure and evolution of galaxies by Steven Phillipps. Galaxies in the Universe by Sparke and Gallagher is a good alternative.

Course outline: The formation and evolution of galaxies from a modern research perspective. Topics include the observed properties of galaxies, the growth of galaxies from initial conditions, the development of galactic scaling relations, the relationship between galaxies and large-scale structure and the physical evolution of galaxies.

Course assessment:

Assignments: 100%.

Approximately four assignments will be issued through the semester. Late assignments will not be accepted.