School of Mathematics

Course 343 — Topics in Astrophysics 1999-2000
(SS Theoretical Physics, M.Sc. Students)

Lecturer: Professor Luke Drury

Requirements/prerequisites:

Duration: 1 term

Number of lectures per week: 2

Assessment:

End-of-year Examination: One 2-hour examination at end of course.

Description: Elements of astrophysical gas dynamics; theory of ionization fronts and shock waves; simple dynamical models of HII regions and supernova remnants; gravitational instability and star formation; high-energy astrophysics and cosmic ray physics.

May 10, 1999