

4465/SS109/4680 Space Plasma and Magnetospheric Physics 2006 (Part 2)

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So far covered:

- Some techniques to understand plasma behaviour (single particle motion, particle drifts, etc.);
- Some applications (e.g. radiation belts, etc.).

Still to do:

- Continue with 1 more technique and then several applications:
 - i) Magnetohydrodynamics (~3 lectures)
 - ii) The solar wind – the interplanetary magnetic field (~2 lecture);
 - iii) Collisionless shocks (~3 lectures)
 - iv) The magnetosphere (~6 lectures)
 - v) Solar wind interactions with unmagnetized bodies (~1 lecture)

Handouts and other course material will be placed on:

http://www.mssl.ucl.ac.uk/~cjo/STMP/4465_resources.htm

(NB different address from part 1 as I need write access!)