

Curriculum PHYS 251 – 2018 spring semester

A compendium which can be downloaded from My Space (lecturenotes.pdf). The compendium will also be handed out as a printed copy during the first week of lectures.

The compendium includes the following chapters which is all part of the curriculum:

1. A brief introduction to plasma physics
2. The Sun
3. The solar wind
- 4 The atmosphere
5. The ionosphere
6. The geomagnetic field
- 7-8. The magnetosphere
9. Magnetospheric dynamics
10. Radio Wave Propagation*

* From : A. Egeland, Ø. Holter, and A. Omholt, editors. Cosmical geophysics. Scandinavian University Books. Universitetsforlaget, 1973.

Although the compendium covers the curriculum, all students are encouraged to attend the lectures as they will, in addition to explain the material in detail, indicate the most relevant parts of the topics.