

課程網址：<http://www.ss.ncu.edu.tw/~yhyang/>

評分方式：

作業:25%, 筆試:50% (期中,期末各佔25%), 上課表現:25%
(筆試中的10%為期中期末各一張A4筆記,上課表現的5%為值週報告)

參考用書：

- Introduction to Space Physics, M. G. Kivelson and C. T. Russell, Cambridge University Press, 1995.
- Physics of the Space Environment, Tamas I. Gombosi, Cambridge University Press, 1998.
- Physics of Space Plasmas: An Introduction, G. K. Parks, Westview Press, 2004.
- Elementary Space Plasma Physics, Ling-Hsiao Lyu, 2010.

Solar:

→**Solar Monitor:** <https://solarmonitor.org/>

→**Real Time SOHO Images:**

<http://sohowww.nascom.nasa.gov/data/realtime-images.html>

→**Latest Events - LMSAL:**

http://www.lmsal.com/solarsoft/last_events/

→**The Sun Now - SDO:**

<https://sdo.gsfc.nasa.gov/data/>

Interplanetary Space:

→**Real Time Solar Wind:**

<https://www.swpc.noaa.gov/products/real-time-solar-wind>

Space Weather:

→**NASA Space Weather Action Center:**

<https://sunearthday.nasa.gov/swac/data.php>

→**NOAA Space Weather Prediction Center:**

<https://www.swpc.noaa.gov/>

→**Real-time (Quicklook) Dst index:**

http://wdc.kugi.kyoto-u.ac.jp/dst_realtime/index.html

News:

→**spaceweather.com:** <http://spaceweather.com/>