

Website: <http://www.ss.ncu.edu.tw/~yhyang/111-1/he.html>

Evaluation:

Project Report: 50% (including 20% progress reports and
30% final report on 1/9)

Final Exam: 30% (12/26)

Performance: 20%

Textbooks:

- Heliophysics : space storms and radiation : causes and effects, Carolus J. Schrijver, George L. Siscoe, Cambridge University Press, 2010.
- Heliophysics : plasma physics of the local cosmos, Carolus J. Schrijver, George L. Siscoe, Cambridge University Press, 2009.
- Heliophysics : evolving solar activity and the climates of space and earth, Carolus J. Schrijver, George L. Siscoe, Cambridge University Press, 2010.

Textbooks (cont.):

- Solar Energetic Particles: A Modern Primer on Understanding Sources, Acceleration and Propagation, Donald V. Reames, Springer, 2017.
- Energetic Particles in the Heliosphere, George M. Simnett, Springer, 2017.
- Solar Cosmic Rays: Fundamentals and Applications, Leonty Miroshnichenko, Springer, 2015.
- Physics of Space Plasmas: An Introduction, G. K. Parks, Westview Press, 2004.
- Introduction to Space Physics, M. G. Kivelson and C. T. Russell, Cambridge University Press, 1995.
- Physics of the Solar Corona: An Introduction, Markus J. Aschwanden, Springer, 2005.
- Particle Acceleration and Kinematics in Solar Flares, Markus J. Aschwanden, Springer Science+Business Media Dordrecht, 2002.