

Special Topics Offered 20071 Instructor: Don Figer

1051-753-01/90 ST: Multiwavelength Astronomical Imaging

Survey of modern imaging techniques in astronomy. Students analyze astronomical imaging systems in terms of the requirements placed on them, and the strengths and limitations of each component in the image chain. Examples of specific techniques covered include optical CCD cameras and spectrometers, infrared imaging and spectroscopy, and interpretation of multi-wavelength data sets. (Prerequisites: Modern Physics, Intermediate Astronomy)