Instructors: Professor Tad Pryor
302W Physics & Astronomy Building, Busch Campus
848-445-8873 pryor@physics.rutgers.edu
Office Hour: Wednesday 3:00 - 4:30 PM (or make an appointment)

Mr. Jack Hay
331W Physics & Astronomy Bldg jhay@physics.rutgers.edu
Office Hour: Tuesday 5:00 - 6:20 PM (in the classroom)


Course Homepage: http://www.physics.rutgers.edu/ugrad/344/
Sakai Site: 01:750:344:01 F17

Important information about the course and useful links to astronomy websites will be posted here, so check them regularly. The Sakai chatroom is for exchanging information about the course and labs.

Overview: This course provides an introduction to the tools and techniques of modern optical observational astronomy. We will use the 20-inch optical telescope of the Schommer Observatory to carry out astronomical imaging and spectroscopic observations, and analyze these observations using professional image-processing software. This course is designed to follow the lecture course Ph 341-342, *Principles of Astrophysics*. Students who are taking Ph 341 this semester may be allowed to enroll in *Observational Optical Astronomy* at the discretion of the instructor, but should be prepared to devote additional studies to understand the astronomical background of the observations performed here.

Lectures: Thursday 6:40-8:00 PM, Rm 401 Physics & Astronomy Bldg, Busch Campus.

Labs: You will be assigned a weekly time period for performing your observations. Makeup times for bad weather will be available. Some labs may require multiple observations. It is useful to have a small flashlight with a red light for observing.

Assignments: Observations will be assigned approximately every two weeks, and written reports will be due by the dates noted on the assignments. Due dates may be postponed if unusually bad weather intervenes. Observing reports handed in late will receive no more than 80% of the maximum points and no report will be accepted after the solution has been released.

Grades: Your course grade will be based on your observation reports and your participation in class and lab. There will be no examinations in this course.

Students with Disabilities: Students with disabilities are welcome in this class. Please show me your Letter of Accommodations early in the semester so that we can make the necessary arrangements for you to have a successful learning experience. More details on the process are at http://www.physics.rutgers.edu/ugrad/disabilities.html.