Instructor: Robert Hermann
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Office: Science 204

Text: There is no required text for the course (as yet). However, some good resource texts that you may want to purchase would be:

- The New CCD Astronomy: How to Capture the Stars With a CCD Camera in Your Own Backyard, by Ron Wodaski; Multimedia Madness Inc (January 1, 2002); ISBN: 978-0971123700
- Astrophotography for the Amateur; Michael A. Covington; Cambridge University Press; 2nd edition (June 28, 1999); ISBN: 978-0521627405

Course Info: Credit Hours: 3
Meeting Times: TBA (Approximately one hour per week in class, and 1-2 hours per week at the observatory.)

Description: A study of the ideas, processes and applications of astronomical imaging. The course will have three emphases: (1) gaining competence at using advanced telescopes, imaging systems and imaging software, (2) gaining understanding and competence at using appropriate techniques for addressing specific astronomical questions, and (3) developing an ability to communicate the techniques and results of astronomical imaging to a wide audience.

Attendance: You are expected to be in class, and you are responsible for the material covered in each class and for any work assigned or collected in each class. The majority of the work in the class will be done on the student’s schedule, at the telescope and at the computer. The student is expected to schedule enough time to complete the work. Problems will be addressed individually.

Grading: The grade will be based on the following:
- Completion of weekly assignments (20%)
- Completion of service project and reflection paper (20%)
- Quality, completeness and explanation of portfolio (30%)
- Quality, completeness and explanation of project (30%)
The letter grade will be based on a straight percentage scale, 90%, 80%, 70% and 60%. The top and bottom 2% in a division will be a + or -.

Notice: This syllabus is subject to change at the discretion of the instructor to accommodate student, instructional, or institutional needs.