

Advanced Planetary Science (GR 8990)

Spring Semester Course Outline

Course Instructor: John Gallagher

Internal [WebCT] E-mail preferred

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TEXTBOOK REQUIRED

In Quest of the Universe, Kuhn and Koupelis, 5th Edition, Jones and Bartlett Publishing, ISBN: 0-7637-4387-9

OTHER REQUIRED BOOKS

Stardust by John Gribbin, Cosmic Horizons: Astronomy at the Cutting Edge edited by Steven Soter and Neil de Grasse Tyson, Visions of the Universe by Dr Raman Prinja, and Wonders of the Planets by Dr Raman Prinja

COURSE OBJECTIVES

- * Students should have specific knowledge of the structure of the sun.
- * Students will acquire a general working knowledge of the birth and development of the universe.
- * Students will have an understanding of stellar evolution.
- * Students will gain knowledge of Cosmology.

ASSIGNMENTS

There is an icon on the main course page titled "Assignments". This is where you will go for all class assignments. The entire semester is broken into four quarters. You will be required to complete assignments listed for each quarter. Below is a description of each assignment you are required to submit online.

- * Quarterly Homework Assignments

This semester is divided into four quarters. Each quarter will have a homework assignment based on outside reading.

Instead of tests, each homework assignment includes a project, either a Powerpoint presentation or a unit plan.

Projects must be emailed to the instructor using the internal WebCT email system. They must be submitted by the deadlines listed on the Assignments page. No extensions will be given!

*Quizzes

Each quarter is divided into three weeks. Each week you will have a reading and videotape viewing assignment. At the end of each week's assignments, a quiz is due. They can be opened as many times as you would like. Quizzes are not timed. You can print them. You may also use your books and tapes for answers. You may do anything you want with the quizzes PROVIDED they are submitted online by the deadlines listed on the Assignments page. No extensions will be given!

*Midterm and Final Exams

You will have a mid-term exam and a final exam. The exam dates are listed on the Assignment page. You can only open an exam one time and will have 60 minutes from that moment to complete the exam. These exams will be available only during the time period noted on the Assignments page. No extensions will be given!