3 hr Graduate course at the University of Central Arkansas
Special Topics in Astronomy: Solar System Exploration (PHYS 5303):
June 21–24, 2010

Project Investigator: Dr. Uma Garimella, Arkansas Center for Mathematics and Science Education.
Teaching Faculty: Dr. Debra Burris, Dept. Of Physics and Astronomy

This course is designed to be a content rich course for science teachers. The areas covered will include Formation History of the Solar System, the Sun our “lab rat star”, Planetary Geology, Planetary Satellites & Comets. The feasibility of a Solar System exploration and habitation program will be discussed. Students will be encouraged to develop classroom activities and lesson plans during the course and share these with classmates. The timeline will be 4 days at the Summer Institute and 1-2 days follow up in the academic year with classroom visits, video taping lessons and trouble-shooting. The planned activities are aligned with SLE’s. 3 hours graduate/undergraduate credit. Tuition to be paid by AESP grant! Faculty: Dr. Debra L. Burris, UCA Dept of Physics and Astronomy. On-line commitment form: (crtl+ click or Copy and paste the URL) https://www.surveymonkey.com/s/solarsystem

Limited space max. Twenty (20) teachers

Special points of interest:
- 3 hour graduate credit course
- Tuition fees paid by National Space Grant Program (NSGF)
- Only $25 registration fees
- Meet 4 days Saturdays at UCA (June 21-24, 2010) and 1-2 day follow-up school visits.

Deadline to apply:
March 15, 2010
Register on-line
https://www.surveymonkey.com/s/solarsystem

Dr. Uma Garimella
Director of ACMSE
201 Donaghey Ave.
Univ. Central Ark.
Conway, AR  72035
Ph: 501-450-5663
Fax: 501-450-5009