

Course Outline and Syllabus OCB-5930 Geomicrobiology

Course Time: Wednesdays, Noon to 1:30 pm

Place: 327 Oceanography-Statistics Building (OSB)

Instructor: Professor Joel E. Kostka

Office: Room 317 OSB

Email address: jkostka@ocean.fsu.edu

Phone: 645-3334

OFFICE HOURS: Thursday only, 3:15 to 4:15 pm

Websites: Much of the material for this course, including this syllabus, is available for download on the instructor's website at:

<http://ocean.fsu.edu/~jkostka>

Available information on the website includes: course syllabus, supplemental references and websites, and Powerpoint presentations for many of the lectures.

Grading:

Students will be graded based upon their participation in class discussions and in-class presentations of discussion papers. For in-class presentations, students are expected to provide a well-organized, thorough presentation of a paper from the refereed literature. Papers should be chosen by the student with approval from the instructor at least one week ahead of the class discussion. For each paper, the presenter should provide the following: 1) an overall introduction, 2) a general explanation of any "unusual" scientific concepts or techniques that might not be understood by the whole class, 3) mediation of the class discussion of each section (introduction, materials and methods, results, discussion). All students, INCLUDING THE PRESENTER AND OTHER CLASS PARTICIPANTS, should be prepared to ANSWER AS WELL AS ASK LEADING QUESTIONS RELATED TO EACH DISCUSSION PAPER.

Course Description:

This course is intended to provide students with a knowledge of the latest scientific studies involving the microbial mediation of geochemical cycles.

Course Format:

This course will consist of a short introductory lecture from the instructor on topics in geomicrobiology followed by a 1 to 1.5 hour class discussion of relevant papers from the refereed literature.

Accommodations for students with disabilities:

Students with disabilities needing academic accommodations should:

- 1) Register with the Student Disability Resource Center (SDRC).
- 2) Bring a letter to the instructor from the SDRC indicating you need academic accommodations. If at all possible, this should be done within the first week of class.

Note: The FSU SDR Center is in Kellum Hall, room 8; phone number is 644-9566 (voice); TDD is 644-8504; fax is 644-7164. for a map of how to get to Kellum Hall.

Honor Code:

Students in this course are bound by the FSU Academic Honor Code as written in the FSU Student Handbook. You have the responsibility to: 1) uphold the highest standards of academic integrity in your work, 2) refuse to tolerate violations of academic integrity in the University community, and 3) foster a high sense of integrity and social responsibility on the part of the University community.

Course Schedule:

Each class participant, including the instructor, will choose a paper from the refereed literature. Responsibility for leading class discussions will then rotate from participant to participant throughout the semester.