

# 049 First-Year Seminar, From Quanta to Quarks

## Course Structure

### Presentation: 45%

Each student is required to give a formal presentation on topics to be chosen during the semester. Presentations, accompanied by a written report of 10 pages, which are distributed to the professor and fellow students, usually last about 30 minutes, including time for questions and answers and ensuing discussions. Presentations are graded by the students in the class as well as by the professor. This is the most important component of this course. Visual aids such as the Power Point and/or posters are often used.

### Discussion: 15%

Each student is also required, at least once during the semester, to bring to class a subject for short discussion, accompanied by a brief written summary, discussion points, and any helpful answers and/or conclusions on the subject.

### Participation: 30%

Active participation in all aspects of the seminar, questions, answers, and discussions is essential for the seminar environ. The level of participation is evaluated at the end of the semester by the professor. Also read "What is a Seminar" posted on the website of the office of Pre-Major Advising Center.

### Attendance: 10%

Since this is a seminar, no make-up can be made for any absences, official or otherwise. Attendance as well as participation is taken seriously.