

Computational Models of Vision

Psych W3270. 3 pts. Spring 2007

Regular meeting time will be arranged at the organizational meeting, which will be held in the first week of the semester.

If you can't be at the organizational meeting, please get in touch with the instructor before that time.

**Instructor: Norma Graham
Email: nvg1@columbia.edu
Phone: 212-854-5591**

(This is an undergraduate course number. If you are a graduate student, please see *Psych W4235*, Special Topics in Vision.)

The overall topic of this course is the study of vision and visual perception – considering both behavioral and physiological data - within a framework of computational and mathematical descriptions. The specific topics covered change from year to year. And, usually, you choose your own topic during the first few weeks of the terms and then work on it throughout the term. This is a seminar class, and the work for the class includes making presentations, participating in discussion, and turning in a written paper or project at the end of the term.

A previous course in vision IS NOT required. Some background in one of the following is probably a good idea: psychology, biology, physics, computer science, mathematics, or electrical engineering. The instructor's permission IS required. Please contact the instructor before the first meeting for further information about the course and/or permission to attend the

course (email is surest). You may attend the first organizational meeting, however, even if you have not yet received permission from the instructor.