

The Modeling Motion Covenant

WS 2004

In this program we will begin the process of understanding the underlying order of the physical world. This process will involve studying a number of topics in physics, calculus and computer science as outlined in the syllabus and will include learning a number of new skills, new tools and new ways of thinking. At the end of the program we expect students to have

- The ability to abstract reality for the purpose of scientific model building
- Confronted and adapted their misconceptions about physical processes
- Gained problem solving strategies and skills
- The ability to use the computers and the tools of calculus to create models of the physical world.
- Gained comfort and facility with laboratory and data acquisition equipment
- Learn to communicate an understanding their work in both written and oral form
- Gained an understanding of the material as outlined in the syllabus

We will evaluate your work and award credit with these learning objectives in mind. Full credit in this program is contingent on satisfactory understanding of the content of the program as demonstrated on exams, tests and assignments. The evaluations and the award of credit will also reflect fulfillment of the following expectations.

Expectations of the Student

We ask that you agree to:

- Attend all program activities on time and prepared to participate.
- Contact us in advance by phone or email if you will be absent from class or will miss an appointment.
- Take responsibility for keeping up with the most current version of the syllabus and class schedule (changes will be posted on the web site) and, in the case of absences, getting notes and handouts from classmates.
- Complete all assignments and readings on time and with integrity, giving credit to those whose ideas you use or whose words you quote. Plagiarism and cheating are serious academic offenses and will result in loss of credit and possible expulsion from the program
- Use lab equipment and facilities and all computer labs responsibly. Follow all requested lab procedures and leave all lab areas clean and normalized when you finish with each session.
- Contribute your share when involved in collaborations and make every effort to communicate necessary information to your team members.
- Abide by the Social Contract and the Sexual Harassment Policy.
- Complete informal self evaluations at the end of fall quarter and formal self, faculty and program evaluations at the end of winter quarter.

Expectations of the Faculty

As your faculty, we agree to:

- Conduct and/or participate in lectures, workshops and labs as needed and attend the activities we require all of you to attend, unless absent due to illness or to respect the integrity of the activity.
- Review your assignments and evaluate them in a timely manner.
- Be available for conferences with you during office hours or by appointment.
- Respect any differences of opinion or interpretation we may have and be open to your suggestions
- Abide by the Evergreen Social Contract and Sexual Harassment Policy.
- Complete informal evaluations of you at the end of fall quarter and formal ones at the end of winter quarter, in the context of individual conferences.

I _____ agree to abide by the Modeling Motion Covenant.
(print your name here)

Signature: _____