

Recitation Introduction

Sections will be used to provide instruction on the commercial FEM software ANSYS. The use of ANSYS in no way implies endorsement of this software by the instructor or Cornell. The sections will be held in the computer classroom in 471 Rhodes Hall during the following time:

Friday 1:25-2:15 pm

Section instructor:

Dr. Rajesh Bhaskaran
Director, Swanson Engineering Simulation Program
Mechanical & Aerospace Engineering
Office: 284 C Grumman Hall
E-mail: bhaskaran@cornell.edu

Office hours for Dr. Bhaskaran are listed on the course web site. Dr. Bhaskaran will hold office hours for providing technical assistance on ANSYS (and in the early part of the course on MATLAB programming).

Requesting a computer account for 471 Rhodes Hall:

Please follow these instructions carefully. If you do not have a working account in 471 Rhodes Hall, you will not be able to participate in the hands-on computer lab sessions in the section.

Request an account in 471 Rhodes Hall from the following webpage:

<http://intranet.orie.cornell.edu>

New accounts are created every three hours throughout the day. After your account has been created, an email will be sent to you providing you with your first use password.

Please bring this password to the section meeting.

If you have an ORIE domain account from a previous semester, you will not receive a response from the above website. Instead, you need to send an e-mail to help@orie.cornell.edu and request that your account be updated for the current semester. So if you do not receive a response from the above website within a day, please e-mail help@orie.cornell.edu.

INFORMATION ABOUT COMPUTER LABS

Please read these instructions carefully. Office hours will be held in the Swanson Lab (163 Rhodes Hall). Sections will be held in the computer classroom in 471 Rhodes Hall. For working on homework assignments and projects, you can use the Swanson lab or any one of three public computers labs: CIT lab in B7 Upson, CIT Lab in 318 Phillips and ACCEL lab on the 2nd floor of the engineering library. All these facilities have MATLAB and ANSYS. In addition, you can purchase a personal copy of MATLAB from the Campus Store. More information about each of the computer facilities is provided below.

Swanson lab (163 Rhodes Hall):

Office hours will be held in the Swanson Lab. All students enrolled in the MAE4700/5700 course will be provided with access to the Swanson Lab. You can get in by swiping your Cornell ID cards.

To login into the Swanson computers, please use your netid as username with the password: mae@2009

In the login screen, make sure that in the drop-down menu under "Log on to", "MAELABS" is selected. All users should change their password during the first log-in session. This can done using Ctrl+Alt+Del.

The H: drive is your home directory. The data in this drive is saved and can be accessed in your next session. Note that data in C: drive is NOT saved. You'll lose this data whenever the machine is rebooted. It's a good idea to save your data on a USB flash drive and periodically back up this data. You can start MATLAB and ANSYS from the "Lab Apps" folder on the desktop.

Please log into the computers to do your work and then log out when you are done. Locking a machine when you are away from the lab, using the lab as office space, leaving stuff lying around or trashing the space are violations of the usage policy. Any violators will immediately lose access to the lab. We have security cameras to capture violations. When leaving the lab, pl. leave the keyboard, mouse, monitor, chair etc. in their original position. Do not scatter things around.

If anyone has trouble getting into the Swanson lab or using the computers, please contact Dr. Rajesh Bhaskaran <bhaskaran@cornell.edu>.

Computer classroom in 471 Rhodes Hall:

The sections on Fridays will be held in this facility. **You need to request an account in this classroom ASAP** by following the instructions given earlier. This account is different from your account in the Swanson lab.

Save your data on a USB flash drive. For after-hours access, pl. use one of the facilities below rather than 471 Rhodes.

CIT lab, B7 Upson

For open hours, see <http://www.cit.cornell.edu/labs/upson.html>

You don't need an account to use this lab. You have to store files on a USB flash drive.

CIT lab, 318 Phillips

This is a 24-hour lab; you get in by swiping your Cornell ID. You don't need an account to use this lab. You have to store files on USB flash drive.

ACCEL lab, Carpenter Hall (above Engineering Library)

For open hours, see <http://www.accel.cornell.edu/schedule/> You don't need an account to use this laboratory. You have to store files on USB flash drive. For details, see <http://www.accel.cornell.edu>