

Astronomy ASTC25

Astrophysics of Planetary Systems

Winter 2014

Instructor: [Kristen Menou](#)

Office: SW504E, Science

Phone: 416-208-5060 (office)

E-mail: kmenou@utsc.utoronto.ca

Web page: <http://individual.utoronto.ca/kmenou/ASTBC25.html>

Office Hours: Tuesday, 10-12noon and by appointment

TIME & PLACE:

PREREQUISITES:

A working knowledge of calculus and calculus-based general physics.

Prerequisite: MATB41H3 & PHYA21H3

Corequisite: MATB42H3

Exclusion: (ASTB21H3), (ASTC22H3), [AST221H & AST222H]

Breadth Requirement: Natural Sciences

TEXTBOOK:

Class notes and presentation slides will be distributed when relevant.

PROBLEM SETS:

Handed out in class and posted on this website, approximately every other week (15). Due one week later.

Policy on collaboration: You are welcome to discuss the problems with fellow students, but you must write your own solutions, individually.

Policy on late problem set returns: In order to be fair to those who turn assignments in on time, points will be deducted on assignments turned in late.

9. Planet-planet gravitational scattering and long-term orbital evolution