

!!!! Astronomy ASTB23

PREREQUISITES:

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

Prerequisite: MATA30H3 & [MATA36H3 or MATA37H3] & PHYA21H3

Corequisite: MATB41H3

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

TEXTBOOK:

"An Introduction to Modern Astrophysics, " by Carroll & Ostlie.

It is also recommended that you take a look at "The Physical Universe, " by Shu.

PROBLEM SETS:

Handed out in class and posted on this website, approximately every other week (total of 4-5). Due one week later.

Policy on collaboration:

- Our Sun, virial theorem and scaling relations [C&O 11, 2]
- Stellar structure [C&O 10]
- Stellar structure and evolution