

ASTR 101 – Exploring the Night Sky

Summer 2019 - Syllabus

Dr. Kevin Casteels

- **Office:** Elliott 201
- **E-mail:** casteels@uvic.ca
- **Course webpage:** <http://coursespaces.uvic.ca>
- **Office hours:** Wednesdays, 4:00pm to 6:00pm
- **Class times:** Tuesdays, Wednesday and Friday, 10:30-11:50 am, Elliott Building 167

Required Materials:

- **The Solar System by Seeds and Backman.**
Note: The bookstore sells both paperback and digital-only copies, both of which include the online MindTap system bundled together. This course will not be using MindTap. There is no option to purchase it without MindTap through the bookstore. Other sellers may have paperback versions of the text, which work just as well. Any recent edition is fine.
- **Astro 101 Lab Manual**
- **i>Clicker**
- **University approved calculator**
- **Reading expected before each class.** Doing so will increase your understanding of the lectures

Grading:

Clicker questions: 10%

Quizzes: 20%

Laboratory: 30%

Mid Term: 15%

Final Exam: 25%

Some notes regarding minimum participation in order to pass this course:

- **You must complete all labs in order to pass this course.** If you miss a lab period for a valid reason, contact me ASAP. I will determine approval to perform a make-up lab, and forward the approval to the lab supervisor.
- **You must achieve a passing grade in the labs in order to pass the course.**
A failure in any of these conditions will result in a grade of F for the course, regardless of your performance in the other aspects of the course.
- **Examinations are *individual*.** No communication-enabled devices (i.e., phones, laptops, tablets, etc) will be accepted during exams.

- **Plagiarism:** Unacceptable, to say the least. Never copy work from each other, nor cite work from others without proper acknowledgment. Collaboration and discussion are fine, but the work you submit must be your own.

See <http://www.uvic.ca/library/research/citation/plagiarism/> for more information

Lecture Schedule

Date	Topic	Reading
May 7	Topic 1 - Science and Astronomy	Ch 1
May 8, 10	Topic 2 - The Night Sky	Ch 2 & 3
May 14, 15	Topic 3 - History of Astronomy	Ch 4 & 5
May 17, 21	Topic 4 - Light	Ch 6-1 & 7
May 22, 24	Topic 5 - Telescopes	Ch 6
May 28, 29	Topic 6 - Sun	Ch 8
May 31	Mid Term (in class)	
June 4, 5	Topic 7 - Origin Theories	Ch 9 & 10
June 7, 11	Topic 8 – Earth and Moon	Ch 11 & 12-1
June 12, 14	Topic 9 - Terrestrials	Ch 12-2 & 13
June 18, 19	Topic 10 - Jovians	Ch 14 & 15-1,2
June 21, 25	Topic 11 - Asteroids and comets	Ch 15-3 & 16
June 26	Topic 12 - Life in the Universe	Ch 17
June 28	Final Exam (in class)	