

# ASTR 101: Lab Syllabus

## Fall 2023

### Location

**Lab Room:** Bob Wright Centre A111

**Night Lab:** Bob Wright Centre A506 (September 18-19, 21)

In the event that the weather is not suitable for observing, the night lab will be held in Bob Wright A104. Check your UVic email or Brightspace before the lab for more information.

### Contact Information

**Lab Instructor:** Dr. Erica Franzmann

**Office:** Bob Wright Centre A115

**Phone:** 250-721-7750

**Lab Email:** [astrolabs@uvic.ca](mailto:astrolabs@uvic.ca)

**Instructor Email:** [efranzmann@uvic.ca](mailto:efranzmann@uvic.ca)

**Office Hours:** By appointment

**How to Contact:** Please contact me via email for questions outside of class. Please note that unless your message is time-sensitive it is not likely that you will receive a reply after 9 pm. For questions about lab reports, please contact the supervising TA for your section (See “Lab Sections, Times, and Supervisors” below).

### Teaching Assistants

Ruxin Barré [barreruxin11@uvic.ca](mailto:barreruxin11@uvic.ca)

Spencer Bialek [sbialek@uvic.ca](mailto:sbialek@uvic.ca)

Daniel Boyea [dboyea@uvic.ca](mailto:dboyea@uvic.ca)

Isaac Gaudreau [igaudreau@uvic.ca](mailto:igaudreau@uvic.ca)

Martin Simmons [msimmons@uvic.ca](mailto:msimmons@uvic.ca)

### General Information

Lab sections meet approximately every other week (See schedule below). Students will have one week from the end of their regular lab period to submit their lab reports through the main ASTR 101 Brightspace hub. Final rubrics for each lab will be available the Friday prior to the first corresponding lab session of the week. Questions about the labs should be directed towards the supervising TA for your section.

A minimum grade of 50% in the lab portion of the course is required to pass ASTR 101. In the event that you miss or are going to miss a lab you must contact the Lab Instructor immediately. You *may* be given permission to attend either another section or the makeup lab at the end of term. Do not attend lab sections other than your own without prior permission from the Lab Instructor.

**Masking is optional but strongly recommended.** Labs are held in fairly close proximity, which makes transmitting illness more likely. **Please do not come to class if you are ill.** In the event that you need to miss a lab due to illness or other extenuating circumstances, contact your teaching assistant and the Lab Instructor immediately.

## Evaluation

The labs are a mandatory component of ASTR 101 and a minimum lab grade of 50% is required in order to pass the course as a whole. The lab grade is split evenly between the five labs.

### Lab Grade Breakdown:

Lab 1: Night Lab	20%
Lab 2: Spectra of Gases and Solids	20%
Lab 3: Solar Rotation	20%
Lab 4: Lunar Surface	20%
Lab 5: Mars Orbit	20%

Your final lab grade is weighted at 20% of your overall grade in the course.

Students who have missed one lab and have obtained prior permission from the Lab Instructor will be permitted to attend a makeup lab at the end of the term. Date and time TBD.

**Students enrolled in sections B01-B04 (Mondays) ONLY:** due to a scheduling conflict, for **Lab 2** (week of Oct 2) you may attend any other section (except B16) that same week. We only have limited lab space, so a sign-up sheet for other lab sections will go out the week before. If attending another section is not possible, contact the Lab Instructor for permission to attend the makeup lab.

## Lab Sections, Times, and Supervisors

Do not attend lab sections other than your own unless you have received prior approval from the Lab Instructor.

B01	M	9:30 am - 12:20 pm	Isaac Gaudreau	<a href="mailto:igaudreau@uvic.ca">igaudreau@uvic.ca</a>
B02	M	12:30 pm - 3:20 pm	Martin Simmons	<a href="mailto:msimmons@uvic.ca">msimmons@uvic.ca</a>
B03	M	3:30 pm - 6:20 pm	Ruxin Barré	<a href="mailto:barreruxin11@uvic.ca">barreruxin11@uvic.ca</a>
B04	M	6:30 pm - 9:20 pm	Martin Simmons	<a href="mailto:msimmons@uvic.ca">msimmons@uvic.ca</a>
B06	T	12:30 pm - 3:20 pm	Erica Franzmann	<a href="mailto:efranzmann@uvic.ca">efranzmann@uvic.ca</a>
B07	T	3:30 pm - 6:20 pm	Erica Franzmann	<a href="mailto:efranzmann@uvic.ca">efranzmann@uvic.ca</a>
B08	T	6:30 pm - 9:20 pm	Daniel Boyea	<a href="mailto:dboyea@uvic.ca">dboyea@uvic.ca</a>
B12	W	6:30 pm - 9:20 pm	Daniel Boyea	<a href="mailto:dboyea@uvic.ca">dboyea@uvic.ca</a>
B14	Th	12:30 pm - 3:20 pm	Ruxin Barré	<a href="mailto:barreruxin11@uvic.ca">barreruxin11@uvic.ca</a>
B15	Th	3:30 pm - 6:20 pm	Isaac Gaudreau	<a href="mailto:igaudreau@uvic.ca">igaudreau@uvic.ca</a>
B16*	Th	6:30 pm - 9:20 pm	Spencer Bialek	<a href="mailto:sbialek@uvic.ca">sbialek@uvic.ca</a>

\*Section B16 is held online

## Night Lab Schedule

Night labs are held the week of September 18. The labs start at 8:30 pm in Bob Wright Centre A506.

### Dates and Sections:

Monday	September 18	B01, B02, B03, B04
Tuesday	September 19	B06, B07, B08, B12
Thursday	September 21	B14, B15, B16*

\*B16 is held online

## Lab Term Schedule

Week of Term	Dates	Lab #	Topic	Location
1	September 4 - 8	—		
2	September 11 - 15	—		
3	September 18 - 22	1	Night Lab	BWC A506
4	September 25 - 29	—		
5	<b>October 2*</b> - 5	2	Spectra	BWC A111
6	October 9 - 13	—		
7	October 16 - 20	3	Solar Rotation	BWC A111
8	October 23 - 27	—		
9	October 30 - November 3	4	Lunar Surface	BWC A111
10	November 6 - 10	—		
11	November 13 - 17	5	Kepler (Mars Orbit)	BWC A111
12	November 20 - 24	—		
13	November 27 - December 3	—		

**\*The university is closed on October 2 to observe the National Day for Truth and Reconciliation. Students with labs scheduled on October 2 (B01-B04) may sign up to attend another section that week. The sign up sheets will go up the week before the lab. If attending another section is not possible, contact the Lab Instructor to obtain permission to attend the makeup lab at the end of term.**