

## PHYS1820 General Astronomy 2: Lab Sections B01-B04

### General Information

Lockhart Planetarium: 394 University College

Lab Room: 385 University College

Instructor: Danielle Pahud, 221 Allen

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Office Hours: Mondays 11-12, Fridays 1-2, or by appointment

Teaching Assistants: Benson Guest ([umguest@myumanitoba.ca](mailto:umguest@myumanitoba.ca))

Erica Franzmann ([umfranze@myumanitoba.ca](mailto:umfranze@myumanitoba.ca))

Website: <http://www.physics.umanitoba.ca/astro>

### Materials Required:

- Duotang Covers
- Sharp pencil & eraser
- Graph Paper (mm divisions)
- Ruler 30 cm (mm divisions) & Protractor
- Calculator
- Round Balloon (at least 1) & felt tip marker

**Requirements:** The labs provide 25% of the final astronomy mark. The best four grades out of five labs will be counted towards your final lab mark.

Laboratory assignments are to be completed in the duotangs and handed in at the end of the class period. Should you miss an exercise, you may make it up by attending a different section. Please communicate this with the instructor and your teaching assistant as soon as possible. Once the exercise has been marked and handed back there is no makeup possible.

### Academic Integrity:

Dates	Lab	Materials
Jan 31st - Feb 2nd	Shape of Space	Balloons & string
Feb 14th - 16th	Dark Matter	Mm graph paper
Feb 28th - March 2nd	Supernovae	Calculator
March 28th-30th	Exoplanets	
April 9th-15th	Main Sequence fitting	Mm graph paper