# ASTRONOMY 1100

2020 Spring Lab Schedule – Surrey Campus

Draft 1.1

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| **Lab Dates** | **Experiment (Subject to change)** |
| Jan 08, 09 | **No Lab - first week of classes** |
| Jan 15, 16 | #1 Measurement & Math Review, and #1A Parallax |
| Jan 22, 23 | #2 Light – Refraction & Reflection |
| Jan 29, 30 | #3 Refracting & Reflecting Telescopes |
| Feb 03 - 07 | #4 Astrophotography I – Observations of the Moon\* (Mon – Fri) |
| Feb 05, 06 | #11 Gravity & Kepler’s Laws |
| Feb 12, 13 | #5 Astrophotography II – Analysis\*\* (if #4 done)  #10 Moons of Jupiter (if #4 not done) |
| Feb 19, 20 | **No lab - reading break** |
| Feb 26, 27 | #7 Spectroscopy |
| Mar 02 - 06 | #4 Astrophotography I (if not already done) |
| Mar 04, 05 | No regular lab |
| Mar 11, 12 | #5 Astrophotography II – Analysis\*\* (if #4 done)  #10 Moons of Jupiter (if #4 not done) |
| Mar 18, 19 | #8 Inverse Square Law |
| Mar 25, 26 | #1B Density†– Make-up lab for Experiment #4 (if required) |
| Apr 01, 02 | #9 Hubble Redshift |

**\***This experiment requires a clear night sky, i.e. it is weather dependent. It will be performed on the first clear night from the following list of dates: **Feb. 03 – 07, Mar. 04 - 06.**

Each day the weather will be examined by the instructor for suitability.

Look for announcements and updates on http://www.kpu.ca/physics/sato/observing

If you have scheduling conflicts, please consult the instructor in advance of the first date shown. This lab will only be run once.

\*\*Although experiment #5 is related to #4, students who did not do #4 are still able and required to do #5. See instructor for details.

† Students who have already performed experiment #4 are not required to do this experiment.