

February 19, 2019
MSE 2103 topics

- ... and then there was light ... again ...
 - wavelength and color – Wien's law (recap)
 - color and temperature – Planck's law (recap)
 - temperature and brightness – Stefan-Boltzmann's law
- Stellar spectra
- Absorption and emission lines
 - *recall Lab C!*
- Spectral types: OBAFGKM
- Spectral classes: I through VII
- For example: our Sun is a G2V star.
- The Hertzsprung-Russell diagram