

February 17, 2023
MSE 2101 topics

- The balance of heating and cooling → thermal equilibrium
- Temperature – the measure of thermal properties of matter
 - fundamental units for temperature: K(elvin)
 - absolute zero: $0\text{K} = -273.15^\circ\text{C} = -460^\circ\text{F}$
- Thermal (blackbody) radiation
- Einstein's Nobel prize in 1921... for what?
- A super-quick chemistry refresher:
 - the number of protons determines a ... ?
 - the number of neutrons determines a ... ?
 - the number of electrons in an atom matches ... ?
 - if an atom is not neutral, we call it an ... ?
 - a grouping of the same atoms is called a ... ?
 - a grouping of different atoms is called a ... ?