

**General Chemistry**  
**Mr. MacGillivray**  
**Quiz #11:**  
**Electron Configurations and Aufbau Diagrams**

Write the electron configuration for each of the following elements.

1. H  $1s^1$
2. C  $1s^2 2s^2 2p^2$
3. Fe  $[Ar] 4s^2 3d^6$
4. Pb  $[Xe] 6s^2 4f^{14} 5d^{10} 6p^2$
5. Construct an Aufbau diagram for the element phosphorus.

P,  $Z = 15$

