HON CHEMISTRY

SYLLABUS

January 13 – 17, 2020

**MON:** **LAB:** Spectroscopy, Part 2

**HW:** Lab report due tomorrow – answer on sheets; *see note below*

**Research** Elements in Neon Signs *- on website (DUE Friday)*

Web post due by Saturday, 8:00 A.M. – Topic, T - Triumph

**TUE:** **LAB:** Emission Spectra of Elements

**HW:** *Pg. 125 - 128:* 6, 47, 50, 53

Read chapter 4 pg. 100 - 103

**WED:** Discuss chapter 4 pg. 100 - 103

"The Hydrogen Emission Spectrum"

"Bohr Model of the Atom"

**HW:**

**THU:** Discuss chapter 4 pg. 104 - 110

"Quantum Numbers"

**HW:** *Pg. 125 - 128:* 9, 15 - 28, 52

Research Elements in Neon Signs *- on website*

Read ch 4 p. 111 – 113, 116

**FRI:** Discuss chapter 4 pg. 111 – 113, 116

"Orbital Notation"

“Electron Configuration Notation”

**HW:** *Pg. 125 - 128:* 30, *(Write orbital notation for #30), 31, 32, 33, 39,*

**Web post due by Saturday, 8:00 A.M. – Topic, T - Triumph**

❄ ☸ ❄ ☸❄ ☸ ❄ ☸ ❄ ☸ ❄ ☸ ❄ ☸ ❄ ☸ ❄ ☸ ❄ ☸❄ ☸ ❄ ☸ ❄ ☸

***TEST*** *on chapter 4 Monday, January 27*

*“The whole world was lost in the darkness of sin; the LIGHT of the world is Jesus!”*

HON CHEMISTRY

SYLLABUS

January 13 – 17, 2020

**MON:** **LAB:** Spectroscopy, Part 2

**HW:** Lab report due tomorrow – answer on sheets; *see note below*

Research Elements in Neon Signs *- on website (DUE Friday)*

**Web post due by Saturday, 8:00 A.M.**

**TUE:** **LAB:** Emission Spectra of Elements

**HW:** *Pg. 125 - 128:* 6, 47, 50, 53

Read chapter 4 pg. 100 - 103

**WED:** Discuss chapter 4 pg. 100 - 103

"The Hydrogen Emission Spectrum"

"Bohr Model of the Atom"

**HW:**

**THU:** Discuss chapter 4 pg. 104 - 110

"Quantum Numbers"

**HW:** *Pg. 125 - 128:* 9, 15 - 28, 52

Research Elements in Neon Signs *- on website*

Read ch 4 p. 111 – 113, 116

**FRI:** Discuss chapter 4 pg. 111 – 113, 116

"Orbital Notation"

“Electron Configuration Notation”

**HW:** *Pg. 125 - 128:* 30, *(Write orbital notation for #30), 31, 32, 33, 39,*

**Web post due by Saturday, 8:00 A.M**

❄ ☸ ❄ ☸❄ ☸ ❄ ☸ ❄ ☸ ❄ ☸ ❄ ☸ ❄ ☸ ❄ ☸ ❄ ☸❄ ☸ ❄ ☸ ❄ ☸

***TEST*** *on chapter 4 Monday, January 27*

*“The whole world was lost in the darkness of sin; the LIGHT of the world is Jesus!”*