**LECTURE BIOL 1308.W4 and LAB BIOL 1108.H51 ROADMAP – FALL 2019**

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| **Date (Sun)** | **Wk #** | **Fri Meeting Events** | Lecture **& Lab Weekly Activities** |
| 8/25 | 1 | **Required Meeting for Lecture & Lab 8/23 / Course Pre-Test Lect.** | Intro to Biology Lesson **Lab 1 Safety and Laboratory Techniques**  |
| 9/01 | 2 |  | Chemistry of Life Lesson **Lab 2 Polar Bonding**  |
| 9/08 | 3 |  | Biomolecules Lesson**Lab 3** **Biomolecules**  |
|  9/15 | 4 |  | Cells Lesson **Lecture Exam 1 Mon-Sun (online); check answers Mon-Tue****Lab 4 Cells**  |
| 9/22 | 5 | **Required Meeting Lab Only– 9/20** **Turn in Lab Manual Unit Materials and Lab Test over Labs 1, 2, 3, 4, 5 (9/20)** | Basics of Energy Exchange Lesson Biology **Lab 5 Enzymes (FRI 9/20 at 11:00AM)** |
| 9/29 | 6 |  | Cell Membranes and Material Movement Lesson **Lab 6 Diffusion and Osmosis**  |
| 10/06 | 7 |  | Photosynthesis Lesson **Lab 7 Photosynthesis**  |
| 10/13 | 8 |  | Respiration Lesson**Lab 8 Respiration**  |
| 10/20 | 9 | **Required Meeting Lab Only–** **Turn in Lab Manual Unit Materials and Lab Test over Labs 6,7,8, 9 (10/18)** | Cell Division Lesson **Lecture Exam 2 Mon-Sun (online)****Lab 9 Mitosis (FRI 10/18 at 11:00AM)** |
| 10/27 | 10 |  | DNA Replication Lesson Gene Expression Lesson**Lab 10 DNA Extraction**  |
| 11/03 | 11 |  | **Lecture Exam 3 TC Testing CENTER!! Mon-Fri** **Lab 11 Gene Expression**  |
| 11/10 | 12 |  | Sexual Reproduction Lesson **Lab 12 Meiosis**  |
| 11/17 | 13 | **Required Meeting Lab Only–** **Turn in Lab Manual Unit Materials and Lab Test over Labs 10,11,12,13 (11/15)** | Patterns of Inheritance LessonHuman Genetics Lesson**Lab 13 Mendelian Genetics (FRI 11/15 at 11:00 AM)** |
| 11/24 |  14 |  | Reproduction and Development Lesson **Lab 14 Human Genetics**  |
|  |  | **Thanksgiving Holidays 11/25-12/01** |  |
| 12/08 | 15 | **Required Meeting Lab Only–** **Turn in Lab Manual Unit Materials and Lab Test over Labs 14, 15 (12/06)** | **Lecture Exam 4 online Mon – Sun****Lab 15 Reproduction and Development ( FRI 12/06 @ 11:00 AM)** |
| 12/6-12/11 | 16 | **Lecture FINAL EXAM** **(No Final Exam in Lab)** | **LECTURE Final Exam TC Testing Center 12/6** by close of Testing Center WED 12/11/19. |