**LECTURE BIOL 1308.H4 and LAB BIOL 1108.H54 ROADMAP**

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| **Date (Fridays)** | **Wk #** | **Fri Meeting Events** | **Lecture & Lab Weekly Activities** |
| Aug 26 | 1 | **Required Meeting for Lecture & Lab / Course Pre-Test Lect.** | Intro to Biology Lesson / Progress Check/ Graded Quiz**Lab 1 Safety and Laboratory Techniques** |
| Sep 2 | 2 | **Required Meeting Lab Only–** **Check Labs &Quiz labs 1 & 2**  | Chemistry of Life Lesson / Progress Check/ Graded Quiz**Lab 2 Polar Bonding** |
| Sep 9 | 3 |  | Biomolecules Lesson/ Progress Check/ Graded Quiz**Lab 3** **Biomolecules**  |
| Sep 16 | 4 |  | Cells Lesson / Progress Check/ Graded Quiz**Lecture Exam 1 Mon-Fri (online); check answers Sat-Sun****Lab 4 Cells**  |
| Sep 23 | 5 | **Required Meeting Lab Only–** **Check Labs &Quiz labs 3, 4 & 5** | Basics of Energy Exchange Lesson Biology / Progress Check/ Graded Quiz**Lab 5 Enzymes** |
| Sep 30 | 6 |  | Cell Membranes and Material Movement Lesson Biology / Progress Check/ Graded Quiz**Lab 6 Diffusion and Osmosis** |
| Oct 7 | 7 |  | Photosynthesis Lesson Biology / Progress Check/ Graded Quiz**Lab 7 Photosynthesis** |
| Oct 14 | 8 | **Required Meeting Lab Only –** **Check Labs &Quiz labs 6, 7 & 8** | Respiration LessonBiology / Progress Check/ Graded Quiz**Lab 8 Respiration** |
| Oct 21 | 9 |  | Cell Division Lesson Biology / Progress Check/ Graded Quiz**Lecture Exam 2 M-Fri (online)****Lab 9 Mitosis** |
| Oct 28 | 10 |  | DNA Replication Lesson / Progress Check/ Graded Quiz + Gene Expression Lesson / Progress Check/ Graded Quiz**Lab 10 DNA Extraction** |
| Nov 4 | 11 | **Required Meeting Lab Only –** **Check Labs &Quiz labs 9, 10 & 11** | **Lecture Exam 3 in TC Testing CENTER!! Mon-Fri** **Lab 11 Gene Expression** |
| Nov 11 | 12 |  | Sexual Reproduction Lesson / Progress Check/ Graded Quiz**Lab 12 Meiosis** |
| Nov 18 | 13 |  | Patterns of Inheritance Lesson/ Progress Check/ Graded Quiz &Human Genetics Lesson/ Progress Check/ Graded Quiz**Lab 13 Mendelian Genetics** |
| Nov 25 |  | THANKSGIVING HOLIDAYS | NOV 21-25 Mon-FRI |
| Dec 2 | 14 |  | Reproduction and Development Lesson / Progress Check/ Graded Quiz**Lecture Exam 4 online Mon – Fri****Lab 14 Human Genetics** |
| Dec 9 | 15 | **Required Meeting Lab Only –** **Check Labs &Quiz labs 12, 13, 14 & 15** | **Lab 15 Reproduction and Development** |