**LECTURE & LAB BIOL 1308.DC & BIOL 1108.DC ROADMAP – FALL 2021 – SPRING 2022**

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| **Dates** | **Wks** | **Lecture & Lab Weekly Activities** |
| 9-01  9-12 | 1-2 | **Course Pre-Test Lect.**  Intro to Biology Lesson / Progress Check/ Graded Quiz  **Lab 1 Getting Started – Laboratory Safety** |
| 9-13  9-26 | 3-4 | Chemistry of Life Lesson / Progress Check/ Graded Quiz  **Lab 2 Chemical Bonding Fundamentals** |
| 9-27  10-10 | 5-6 | Biomolecules Lesson/ Progress Check/ Graded Quiz  **Lab 3** **Biomolecules** |
| 10-11  **10-22** | 7-8 | Cells Lesson / Progress Check/ Graded Quiz  **Lecture Exam 1 Mon-Fri proctored at school online Mon – Fri**  **Lab 4 Microscope** |
| 10-25  11-7 | 9-10 | Basics of Energy Exchange Lesson Biology / Progress Check/ Graded Quiz  **Lab 5 Cells** |
| 11- 8  11-21 | 11-12 | Cell Membranes and Material Movement Lesson Biology / Progress Check/ Graded Quiz  **Lab 6 Enzymes** |
| 11-29  12-12 | 13-14 | Photosynthesis Lesson Biology / Progress Check/ Graded Quiz  **Lab 7 Diffusion** |
| 12-15 : 1-2 |  | **Christmas Break** |
| 1-3  1-16 | 15-16 | Respiration LessonBiology / Progress Check/ Graded Quiz  **Lab 8 Osmosis** |
| 1-17  **1-28** | 17-18 | Cell Division Lesson Biology / Progress Check/ Graded Quiz  **Lecture Exam 2 M-Fri proctored at school online Mon – Fri**  **Lab 9 Cellular Respiration** |
| 1-31  2-13 | 19-20 | DNA Replication Lesson / Progress Check/ Graded Quiz + Gene Expression Lesson / Progress Check/ Graded Quiz  **Lab 10 Mitosis** |
| 2-14  2-27 | 21-22 | Gene Expression  **Lab 11 DNA/RNA** |
| 2-28  **3-11** | 23-24 | **Lecture Exam 3 proctored at school online Mon – Fri**  Sexual Reproduction Lesson / Progress Check/ Graded Quiz  **Lab 12 Meiosis** |
| 3-14  3-27 | 25-26 | Patterns of Inheritance Lesson/ Progress Check/ Graded Quiz &  **Lab 13 Mendelian Genetics** |
| 3-28  4-10 | 27-28 | Human Genetics Lesson/ Progress Check/ Graded Quiz  **Lab 14 Human Genetics** |
| 4-11  **4-22** | 29-30 | **Lecture Exam 4 proctored at school online Mon – Fri** |
| 4-25  **5-6 Fri** |  | **LECTURE Final Exam at School (No final in Lab)** |

**Access course materials at:** [**https://tconline.texarkanacollege.edu**](https://tconline.texarkanacollege.edu)

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