

**Biology 111 – Instructor Dennis Gervin**  
**Proposed Class Activity Schedule**  
**MONDAY/WEDNESDAY SECTIONS**  
**SPRING 2018**

*Please Note: this proposed schedule is updated regularly throughout the semester*

| DAY | DATE   | WK | TOPIC | LECTURE TOPIC   | TEXT READING | ASSESSMENTS                         | LAB TOPIC                           |
|-----|--------|----|-------|---|--------------|-------------------------------------|-------------------------------------|
| M   | Jan 8  | 1  | 1-2   | Introduction, Science & Learning, Fundamental Building Blocks | Ch. 1 & 2    |                                     | Introduction                        |
| W   | Jan 10 | 1  | 3     | Biological Molecules 1  | Ch. 3        | Lecture Quiz #1<br><i>Ch 1, 2</i>   | #20* <i>Hunting the Elements</i>    |
| M   | Jan 15 | 2  | ---   | <b>HOLIDAY<br/>NO CLASS</b>                                   | ---          |                                     | <b>HOLIDAY<br/>NO CLASS</b>         |
| W   | Jan 17 | 2  | 4     | Biological Molecules 2  | Ch. 3        |                                     | #1 Scientific Method                |
| M   | Jan 22 | 3  | 5     | The Cell, Proteins & Protein Synthesis                        | Ch. 4        | Lecture Quiz #2<br><i>Ch 3</i>      | #3 Organelles and Protein Synthesis |
| W   | Jan 24 | 3  | 6     | Plasma Membrane & Movement of Molecules                       | Ch. 5        |                                     | #3 Organelles and Protein Synthesis |
| M   | Jan 29 | 4  | 7     | -----   | ---          | <i>Download Quiz #3<br/>Ch 4, 5</i> | ---                                 |
| W   | Jan 31 | 4  | 8     | Energy  | Ch. 6        |                                     | #5 Diffusion, Osmosis, & pH         |
| M   | Feb 5  | 5  | ---   | <b>LECTURE EXAM #1</b><br><i>Chapters 1-5</i>                 | ---          | <b>LECTURE EXAM #1</b>              | <i>Review</i>                       |
| W   | Feb 7  | 5  | 9     | Energy from Food  | Ch.7         |                                     | #24 Energy Transformations 1        |
| M   | Feb 12 | 6  | 10    | The Plant Cell and Photosynthesis                             | Ch. 4 & 8    | Lecture Quiz #4<br><i>Ch 6, 7</i>   | #25 Energy Transformations 2        |
| W   | Feb 14 | 6  | 10    | Cell Division, Gametes & Sexual Reproduction                  | Ch. 9        |                                     | #21 Who Owns Your Genome            |

| DAY      | DATE   | WK | TOPIC | LECTURE TOPIC   | TEXT READING    | ASSESSMENTS                          | LAB TOPIC                               |
|----------|--------|----|-------|---|-----------------|--------------------------------------|---|
| <b>M</b> | Feb 19 | 7  | ---   | <b>HOLIDAY<br/>NO CLASS</b>                                 | ---             |                                      | <b>HOLIDAY<br/>NO CLASS</b>             |
| <b>W</b> | Feb 21 | 7  | 11    | Cell Division, Gametes & Sexual Reproduction                | Ch. 10          | Lecture Quiz #5<br><i>Ch 4, 8, 9</i> | #9 Mitosis & Meiosis                    |
| <b>M</b> | Feb 26 | 8  | 12    | Mendelian Genetics & Heredity                               | Ch. 11          | Lecture Quiz #6<br><i>Ch 10</i>      | 9 Mitosis & Meiosis                     |
| <b>W</b> | Feb 28 | 8  | 13    | Chromosomes and Inheritance                                 | Ch. 12          |                                      | <b>Lab Test #1</b>                      |
| <b>M</b> | Mar 5  | 9  |       | <b>LECTURE EXAM #2</b><br><i>Chapters 6-10</i>              | ---             | <b>LECTURE EXAM #2</b>               | TBA                                     |
| <b>W</b> | Mar 7  | 9  | 14    | Darwin and Evolution  | Ch. 16          | Lecture Quiz #7<br><i>Ch 11, 12</i>  | #17 Genes and Evolution                 |
| <b>M</b> | Mar 12 | 10 | 15    | Microevolution / Genetic Change                             | Ch. 17          |                                      | #10 Bean Hunters                        |
| <b>W</b> | Mar 14 | 10 | 16    | Macroevolution / speciation                                 | Ch. 18          | Lecture Quiz #8<br><i>Ch 16, 17</i>  | #10 Bean Hunters                        |
| <b>M</b> | Mar 19 | 11 | 17    | Natural Selection, Evolution & Microorganisms               | Ch. 17, 18 & 21 |                                      | #19 Bacteria and the Race for Evolution |
| <b>W</b> | Mar 21 | 11 | 18    | Human Organ Systems, Transport and Exchange 1               | Ch. 30          | Lecture Quiz #9<br><i>Ch 18, 21</i>  | #11 Evolution & Mammal Skulls           |
| <b>M</b> | Mar 26 | 12 | 19    | Human Organ Systems, Transport and Exchange 2               | Ch. 31          |                                      | #11 Evolution & Mammal Skulls           |
| <b>W</b> | Mar 28 | 12 | ---   | <b>LECTURE EXAM #3</b><br><i>Chapters 11,12 - 16-18, 21</i> | ---             | <b>LECTURE EXAM #3</b>               | TBA                                     |
| <b>M</b> | Apr 2  | 13 | 20    | Human Responses to Microorganisms – Innate and Adaptive     | Ch. 29          | Lecture Quiz #10<br><i>Ch 30, 31</i> | <b>LAB MAKE-UP SESSION</b>              |
| <b>W</b> | Apr 4  | 13 | 21    | Human Responses to Microorganisms – Vaccines and Allergies  | Ch. 29          |                                      | #23 Immunology Worksheet                |

| DAY | DATE   | WK | TOPIC | LECTURE TOPIC  | TEXT READING | ASSESSMENTS                      | LAB TOPIC            |
|-----|--------|----|-------|--|--------------|----------------------------------|----------------------|
| M   | Apr 9  | 14 | 22    | Living World: Populations and Communities                | Ch. 35       | Lecture Quiz #11<br><i>Ch 29</i> | #15 Animal Diversity |
| W   | Apr 11 | 14 | 23    | <b>Exam 4 Review</b>                                     | ---          |                                  | #15 Animal Diversity |
| M   | Apr 16 | 15 | ---   | <b>LECTURE EXAM #4</b><br><i>Chapters 30, 31, 29, 35</i> | ---          | <b>LECTURE EXAM #4</b>           | TBA                  |
| W   | Apr 18 | 15 | ---   | Course Review  | ---          | <b>LAB TEST #2</b>               | <b>Lab Test #2</b>   |

| <b>FINAL EXAM</b>                 |  |             |  |                               |
|-----------------------------------|--|-------------|--|-------------------------------|
| <b>Monday / Wednesday Classes</b> |  | Finals Week | <b>Cumulative Final Exam<br/>Wednesday, April 25, 2018</b> | <b>10:00am to<br/>12:50pm</b> |

**Note: Course Syllabus and/or Course Schedule are subject to change as needed to meet the course objectives.** This proposed schedule is likely to change - any changes will be announced in class & posted on the web. Be sure to check the web for the most current version. The Final Exam Schedule for Modesto Junior College is college-wide (for all classes) and can be found at the following link

<http://www.mjc.edu/instruction/finalschedule.php>