

**Biology 111 – Instructor Dennis Gervin**  
**Proposed Class Activity Schedule**  
**MONDAY/WEDNESDAY SECTIONS**  
**FALL 2017**

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

| DAY | DATE   | WK | TOPIC | LECTURE TOPIC   | TEXT READING | ASSESSMENTS            | LAB TOPIC                           |
|-----|--------|----|-------|---|--------------|------------------------|-------------------------------------|
| M   | Aug-28 | 1  | 1-2   | Introduction, Science & Learning, Fundamental Building Blocks | Ch. 1 & 2    |                        | Introduction                        |
| W   | Aug-30 | 1  | 3     | Biological Molecules 1  | Ch. 3        | Lecture Quiz #1        | #20* <i>Hunting the Elements</i>    |
| M   | Sep-4  | 2  | ---   | <b>HOLIDAY<br/>NO CLASS</b>                                   | ---          | ---                    | <b>HOLIDAY<br/>NO CLASS</b>         |
| W   | Sep-6  | 2  | 4     | Biological Molecules 2  | Ch. 3        |                        | #1 Scientific Method                |
| M   | Sep-11 | 3  | 5     | The Cell, Proteins & Protein Synthesis                        | Ch. 4 & 14   | Lecture Quiz #2        | #3 Organelles and Protein Synthesis |
| W   | Sep-13 | 3  | 6     | Plasma Membrane & Movement of Molecules                       | Ch. 5        | Lecture Quiz #3        | #3 Organelles and Protein Synthesis |
| M   | Sep-18 | 4  | 7     | Energy and Thermodynamics                                     | Ch. 6        |                        | #5 Diffusion, Osmosis, & pH         |
| W   | Sep-20 | 4  | ---   | <b>LECTURE EXAM #1</b><br><i>Topics 1-6</i>                   | ---          | <b>LECTURE EXAM #1</b> | TBA                                 |
| M   | Sep-25 | 5  | 7     | Energy and Thermodynamics                                     | Ch. 6        |                        | #8 Enzyme Activity                  |
| W   | Sep-27 | 5  | 8     | Energy, Energy From Food                                      | Ch. 7        | Lecture Quiz #4        | #24 Energy Transformations 1        |
| M   | Oct-2  | 6  | 9     | The Plant Cell and Photosynthesis                             | Ch. 4 & 8    |                        | #25 Energy Transformations 2        |
| W   | Oct-4  | 6  | 10    | Cell Division, Gametes & Sexual Reproduction                  | Ch. 9        | Lecture Quiz #5        | #21 Who Owns Your Genome            |
| M   | Oct-9  | 7  | 11    | Cell Division, Gametes & Sexual Reproduction                  | Ch. 10       | ---                    | #9 Mitosis & Meiosis                |
| W   | Oct-11 | 7  | 12    | Mendelian Genetics & Heredity                                 | Ch. 11       | Lecture Quiz #6        | #9 Mitosis & Meiosis                |

| DAY | DATE   | WK | TOPIC | LECTURE TOPIC  | TEXT READING    | ASSESSMENTS            | LAB TOPIC                               |
|-----|--------|----|-------|--|-----------------|------------------------|---|
| M   | Oct-16 | 8  | 12    | Mendelian Genetics & Heredity                              | Ch. 11          |                        | #7 DNA Replication                      |
| W   | Oct-18 | 8  |       | <b>LECTURE EXAM #2</b><br><i>Topics 7-11</i>               | ---             | <b>LECTURE EXAM #2</b> | TBA                                     |
| M   | Oct-23 | 9  | 13    | Chromosomes and Inheritance                                | Ch. 12          | <b>LAB TEST #1</b>     | <b>Lab Test #1</b>                      |
| W   | Oct-25 | 9  | 14    | Darwin and Evolution                                       | Ch. 16          | Lecture Quiz #7        | #17 Genes and Evolution                 |
| M   | Oct-30 | 10 | 15    | Microevolution / Genetic Change                            | Ch. 17          |                        | #10 Bean Hunters                        |
| W   | Nov-1  | 10 | 16    | Macroevolution / speciation                                | Ch. 18          | Lecture Quiz #8        | #10 Bean Hunters                        |
| M   | Nov-6  | 11 | 17    | Natural Selection, Evolution & Microorganisms              | Ch. 17, 18 & 21 |                        | #19 Bacteria and the Race for Evolution |
| W   | Nov-8  | 11 | 18    | Human Organ Systems, Transport and Exchange 1              | Ch. 30          | Lecture Quiz #9        | REVIEW                                  |
| M   | Nov-13 | 12 | ---   | <b>LECTURE EXAM #3</b><br><i>Topic 12-17</i>               | ---             | <b>LECTURE EXAM #3</b> | TBA                                     |
| W   | Nov-15 | 12 | 19    | Human Organ Systems, Transport and Exchange 2              | Ch. 31          |                        | #11 Evolution & Mammal Skulls           |
| M   | Nov-20 | 13 | 20    | Human Responses to Microorganisms – Innate and Adaptive    | Ch. 29          | Lecture Quiz #10       | #11 Evolution & Mammal Skulls           |
| W   | Nov-22 | 13 | 21    | Human Responses to Microorganisms – Vaccines and Allergies | Ch. 29          |                        | <b>LAB MAKE-UP SESSION</b>              |
| M   | Nov-27 | 14 | 22    | Living World: Populations and Communities                  | Ch. 34 & 35     | Lecture Quiz #11       | #15 Animal Diversity                    |
| W   | Nov-29 | 14 | 23    | <b>Exam 4 Review</b>                                       |                 |                        | #15 Animal Diversity                    |

| DAY | DATE  | WK | TOPIC | LECTURE TOPIC                          | TEXT READING | ASSESSMENTS     | LAB TOPIC   |
|-----|-------|----|-------|--|--------------|-----------------|-------------|
| M   | Dec-4 | 15 | ---   | LECTURE EXAM #4<br><i>Topics 18-22</i> | ---          | LECTURE EXAM #4 | TBA         |
| W   | Dec-6 | 15 |       | Course Review                          |              | LAB TEST #2     | Lab Test #2 |

| FINAL EXAM                 |  |             |  |               |
|----------------------------|--|-------------|--|---------------|
| Monday / Wednesday Classes |  | Finals Week | Cumulative Final Exam<br>Monday, December 11 | 1:00 – 3:50PM |

**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. Final Exam Schedule

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