

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 | --- | HOLIDAY NO CLASS | --- | --- | HOLIDAY NO CLASS |
| 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 | --- | LECTURE EXAM #1 <i>Topics 1-6</i> | --- | LECTURE EXAM #1 | 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 | | LECTURE EXAM #2 <i>Topics 7-11</i> | --- | LECTURE EXAM #2 | TBA |
| M | Oct-23 | 9 | 13 | Chromosomes and Inheritance | Ch. 12 | LAB TEST #1 | Lab Test #1 |
| 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 | --- | LECTURE EXAM #3 <i>Topic 12-17</i> | --- | LECTURE EXAM #3 | 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 | | #11 Evolution & Mammal Skulls |
| W | Nov-22 | 13 | 21 | Human Responses to Microorganisms – Vaccines and Allergies | Ch. 29 | Lecture Quiz #10 <i>Ch30 & 31</i> | LAB MAKE-UP SESSION |
| M | Nov-27 | 14 | 22 | Living World: Populations and Communities | Ch. 34 & 35 | Lecture Quiz #11 | #15 Animal Diversity |
| W | Nov-29 | 14 | 23 | Exam 4 Review | | | #15 Animal Diversity |

| DAY | DATE | WK | TOPIC | LECTURE TOPIC | TEXT READING | ASSESSMENTS | LAB TOPIC |
|-----|-------|----|-------|---|--------------|-----------------|-------------|
| M | Dec-4 | 15 | --- | LECTURE EXAM #4 <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 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>