Biology 211 – Principles of Biology

Winter 2020

***Tentative*** Schedule

Week: Date Topics R&J Readings Lab (T) Assignments & Tests

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| 1 – 1/6 | Introductions  Phylogeny & Systematics | Ch 1  Ch 23  Omit sec 23.2 & 23.5 | Taxonomy, Dichotomous Keys, Intro to Phylogengy | Moodle Quiz |
| 2 – 1/13 | Origins of life (no lecture)  Prokaryotes  Intro to Eukaryotes  Protista Diversity | Ch 26 sec1,2 & 3  Ch 4sec 1 & 2  Ch 28 sec 1,2, 4  Ch 29 sec 1,2,4 | Prokaryotes, select Protista  🡪Bring Photo  Atlas | Moodle Quiz  On Ch 26, 28 & 29 material |
| 3 – 1/20  **No class**  **1/20** | Plant origins & Seedless Plants  🡪Bring Photo Atlas to lab | Ch 29, Sec 4,5  Ch 30  Ch 23, Sec 2 | Seaweeds &  Seedless plants | **Exam #1 (W)**  Moodle Quiz |
| 4 – 1/27 | Angiosperms | Ch 31 | Seed plants | Moodle Quiz |
| 5 – 2/3 | Fungi &  Intro to Animals | Ch 32  Sec 1,6,7,8,9  Ch 33 | **Plant Practicum**  Fungi  Sponges & Cnidarians **VGs** | **Plant Practicum**  Moodle Quiz |
| 6 – 2/10 | Protostomes  Bilateral animals | Ch 34  Sec 1,2,5,6,8 | Worms  **VGs** | Moodle Quiz |
| 7 – 2/17  **No class 2/17** | Higher invertebrates I  -Arthropods | Ch 34 Sec 9  **Article on Moodle**  **On Ocean Acidific.** | **Barnacle expt** | **EXAM #2 (W)**  Moodle Quiz |
| 8 – 2/24 | Higher invertz II  -Mollusks  Peer review of lab report intro & graph 🡪Bring draft on Mon  **Hard Deadline Wed 2/26 🡪** | Ch 34 cont.  sec 4 | Mollusks &  Arthropod Diversity | Lab Quiz 7  Moodle Quiz  -Mollusks only  **Barnacle Lab report due 2/26 🡨** |
| 9 – 3/2 | Deuterostomes  -Echinoderms & Inv Chordates | Ch 35,  Sec 35.1, 2 &3 | Echinoderms  & Invert Chordates | Moodle Quiz  -Echino & Invert Ch. |
| 10- 3/9 | Vertebrate animals | Ch 35 complete  Sec 4-9 | **Invertz Practicum**  Chordates &  Vertebrates | **Invertz Practicum**  Moodle Quiz  -Vertebrates only |

***Campus Closure Days:* No Class: 1/20/20 MLK & 2/17/20 President’s day**

***\* Barnacle experiment lab report due one week after data collection.***

Final Exams (based on your lecture time): **WED** 3-4:50 pm 3/18/2020

* All lab quizzes will be given on Friday, during lecture, in the LAST 10 minutes of class.
* A student must attend lab to be eligible to take the Friday quiz – ***no exceptions***.
* Your sign in on lab day will verify your eligibility to take 8 pt qz.
* No late barnacle lab reports will be accepted; if you cannot be in class on due date turn it in early.