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 | IntroductionsPhylogeny & Systematics | Ch 1 Ch 23Omit sec 23.2 & 23.5 | Taxonomy, Dichotomous Keys, Intro to Phylogengy | Moodle Quiz |
| 2 – 1/13 | Origins of life (no lecture)ProkaryotesIntro to EukaryotesProtista Diversity | Ch 26 sec1,2 & 3Ch 4sec 1 & 2Ch 28 sec 1,2, 4Ch 29 sec 1,2,4 | Prokaryotes, select Protista 🡪Bring Photo Atlas | Moodle QuizOn 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 30Ch 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 32Sec 1,6,7,8,9Ch 33 | **Plant Practicum** FungiSponges & Cnidarians **VGs** | **Plant Practicum** Moodle Quiz |
| 6 – 2/10 | ProtostomesBilateral animals | Ch 34Sec 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-MollusksPeer 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 7Moodle 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 completeSec 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.