**BIOLOGY 308 LABORATORY and RECITATION SCHEDULE: Summer 2014**

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| **Date** |  | **Topics** | **Lab/ Field** | **Homework Due** | **Points** |
| **May** 20 | **Lab:**  **Rec:** | Review of Basic Statistics  Flower Color Experiment Observation  Reading a Scientific Paper and Writing a Summary | Lab | None |  |
| 21 | **Lab:**  **Rec:** | Using spreadsheets\*  Flower Color Experiment Observation  Making Posters for Scientific Conferences | Lab | Stats Homework  Spreadsheets Exercise  Paper Summary | 10  \*10  15A |
| 22 | **Lab:**  **Rec:** | Hardy-Weinberg Exercise  Flower Color Experiment Observation  Writing a Scientific Paper and Class Discussion of a Paper | Lab | Hardy-Weinberg Exercise  Class Discussion | \*10  \*5 |
| 27 | **Lab:**  **Rec:** | Aquatic Ecology  Writing a Literature Cited Section | Field and Lab | None |  |
| 28 | **Lab:**  **Rec:** | Human Evolution Lab  Writing the Methods Section | Lab | Aquatic Ecology  Literature Cited Section | 10  10 |
| 29 | **Lab:**  **Rec:** | Human Survivorship Curves  Writing an Introduction Section | Field | Human Evolution Lab  Methods Draft | 10  10 |
| **June**  3 |  | **All Day Field Trip**  **Lab 2A1 to ESP lab 2A2 to SCBI** | Field | Human Survivorship  Field Trip Notes | 10  \*5 |
| 4 | **Lab:**  **Rec:** | Wetlands\*  The Results Section: Analyzing and Presenting Data | Field | Field Trip Notes  Introduction Draft | \*5  10 |
| 5 | **Lab:**  **Rec:** | Plant Community Structure  Writing the Discussion | Field | None  Results Draft | 10 |
| 10 |  | **All Day Field Trip**  **Lab 2A1 to SCBI and lab 2A2 to ESP** | Field | Field Trip Notes | \*5 |
| 11 | **Lab:**  **Rec:** | Gather Data from Intraspecific Competition Experiment  Bees and Sampling Methods  Writing the Abstract | Field and Lab | Plant Community Structure  Sampling Methods Notes  Discussion Draft | 15  \*5  10 |
| 12 | **Lab:**  **Rec:** | Species-Area Curves in Lichen Communities  Population Ecology Exercises | Field | Intraspecific Competition  Abstract Draft | 10  10 |
| 17 | **Lab:**  **Rec:** | Forest Carbon Sequestration  Discussion of any Paper Issues | Field and Lab | Species Area Curves  Population Ecology | 10  10 |
| 18 | **Lab:**  **Rec:** | Caminalcule Evolution Lab  Poster Session | Lab | Carbon Sequestration  **All Posters Due** | 10  25 |
| 19 | **Lab:**  **Rec:** | Poster Session  **Scientific Paper Due** | Lab | Caminalcule Lab | 10  100 |
|  |  |  |  | **Total Points** | **350** |

**\***Assignment to be completed in class

**Footnotes**

A) All students are encouraged to consult a writing tutor, but students who earn less than 15 of 20 are strongly urged to seek help from a tutor.

B) Points will be deducted if papers are late. Consult your teaching assistant.

C) All papers must be submitted in hard copy and entered into the Safe Assign plagiarism program. Make sure you understand what constitutes plagiarism in this course!