

General Biology 1005 Laboratory Schedule

BC Central Campus Term 3: Session 3 2017

6/28 – 8/2

All required readings should be completed before coming to the lab. Lab coats, closed toe shoes and eye protection are required for all laboratories.

| Dates | Lab # | Lab Title | Required Pre Lab Reading Hoefnagels (3 rd Edition) | |
|-------|-------|---|--|--|
| | | | Full Text | BC Central Custom Edition |
| 6/28 | 1 | Introduction: Safety and Scientific Method | <u>Pages:</u> 10-14 | <u>Pages:</u> 18-22 |
| 7/3 | 2 | Forensic Microscopy | <u>Pages:</u> 47-48 | <u>Pages:</u> 55-56 |
| 7/4 | | No Labs | | |
| 7/5 | 3 | Cell Chemistry I: Amino Acids, Water and pH | <u>Pages:</u> 22-30, 32-34 | <u>Pages:</u> 30-38, 40-42 |
| 7/7 | 4 | Cell Chemistry II: Carbohydrates and Lipids | <u>Pages:</u> 30-32, 36-39 | <u>Pages:</u> 38-40, 44-47 |
| 7/10 | 5 | Enzymes | <u>Pages:</u> 78-79 | <u>Pages:</u> 86-87 |
| 7/12 | 6 | The Cell Membrane | <u>Pages</u> 54-55, 80-84 | <u>Pages</u> 62-63, 88-92 |
| 7/17 | 7 | Cell Diversity: Bacteria and Fungi | <u>Page(s):</u> 9 & 50- 53 <u>Chapters:</u> 17 & 20 | <u>Page(s):</u> 17, 58- 61 <u>Chapters:</u> 17 & 20 |
| 7/19 | 8 | Cells: Diversity and Uniformity | <u>Page(s):</u> 9 & 52- 66 | <u>Page(s):</u> 17 & 60-74 |
| 7/21 | 9 | Mitosis and the Cell Cycle | <u>Pages:</u> 153-156 | <u>Pages:</u> 163-166 |
| 7/24 | 10 | Photosynthesis | Chapter 5 | Chapter 5 |
| 7/26 | 11 | Mendelian Genetics: Blood typing and a Goodness of Fit Test | <u>Pages:</u> 188-196 & 214-215 | <u>Pages:</u> 198-206 & 224-225 |
| 7/31 | 12 | Animal Diversity | <u>Chapter:</u> 21 | <u>Chapter:</u> 21 |
| 8/2 | 13 | Biotechnology: DNA Fingerprinting | <u>Pages:</u> 34-36 and 224-225 | <u>Pages:</u> 42-44 and 234-235 |

READ YOUR LAB MANUAL BEFORE COMING TO CLASS!!!!!!

Important Dates:

| | |
|-----|------------|
| 7/4 | Lab closed |
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Lab Times:

| <u>Monday</u> | <u>Tuesday</u> | <u>Wednesday</u> | <u>Thursday</u> | <u>Friday (7/7, 7/21)</u> |
|---------------|----------------|------------------|-----------------|---------------------------|
| 8:30-10:20 | | 8:30-10:20 | | 8:30-10:20 |
| 11:00-12:50 | | 11:00-12:50 | | 11:00-12:50 |
| 1:30-3:20 | | 1:30-3:20 | | 1:30-3:20 |
| 5:00 – 6:50 | | 5:00 – 6:50 | | 5:00 – 6:50 |
| 7:00-8:50 | | 7:00-8:50 | | 7:00-8:50 |