**BIOLOGY 613: HUMAN PHYSIOLOGY LABORATORY**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATE** | **DAY** | **class** | **TOPIC** | ASSIGNMENTS | TUTORIAL |
| AUG 25 | TUES | 1 | INTRODUCTION TO CLASS AND RENAL LAB |  | Database Searches |
| AUG 27 | THUR | 2 | RENAL | Renal Research Paper Assignment |  |
| SEP 1 | TUES | 3 | RENAL |  | EXCEL |
| SEP 3 | THUR | 4 | RENAL | **Quiz 1**: Renal |  |
| **SEP 8** | **TUES** |  | **NO CLASS – LABOR DAY** |  |  |
| SEP 10 | THUR | 5 | ELECTROMYOGRAPHY (EMG) | **Quiz 2**: EMG  Renal Results Section |  |
| SEP 15 | TUES | 6 | ELECTROMYOGRAPHY (EMG) (cont) | Renal Introduction | Peer Review of Introduction |
| SEP 17 | THUR | 7 | ELECTROENCEPHALOGRAPHY (EEG) I AND II | **Quiz 3**: EEG  Renal Introduction |  |
| SEP 22 | TUES | 8 | ELECTROENCEPH. (EEG) I AND II (cont) | EMG Assignment | Scientific Writing Workshop |
| SEP 24 | THUR | 9 | EDA & POLYGRAPH | **Quiz 4**: EDA |  |
| SEP 29 | TUES | 10 | EDA & POLYGRAPH (cont) | Renal Discussion | Peer Review of Discussion |
| OCT 1 | THUR | 11 | PULMONARY FUNCTION | **Quiz 5**: Pulmonary  EEG Assignment |  |
| OCT 6 | TUES | 12 | ELECTROCARDIOGRAPHY (ECG) | Renal Discussion  EDA Assignment | Brainstorming I for Research Project |
| OCT 8 | THUR | 13 | CARDIOVASCULAR SYSTEM: Blood Pressure | Pulmonary Assignment |  |
| OCT 13 | TUES | 14 | CARDIOVASCULAR SYSTEM: Blood Pressure GROUP RESEARCH PROJECT DISCUSSION I | **Quiz 6**: ECG / BP  Renal Report for Peer Review | Peer Review of Renal Report |
| OCT 15 | THUR | 15 | CARDIOVASCULAR SYSTEM: Diving Response;  GROUP RESEARCH PROJECT DISCUSSION II | ECG/BP Assignment |  |
| OCT 20 | TUES | 16 | AEROBIC EXERCISE PHYSIOLOGY | **Quiz 7**: Aerobic  **Final Renal Report** | Work on Prospectus Presentations |
| OCT 22 | THURS | 20 | PROSPECTUS PRESENTATIONS | Dive Assignment |  |
| OCT 27 | TUES | 21 | CARDIOVASCULAR SYSTEM: Chick Embryo | Aerobic Exercise Assignment | Work on Final Proposal/Expt. Prep |
| OCT 29 | THUR | 22 | DATA COLLECTION & ANALYSIS I |  |  |
| NOV 3 | TUES | 23 | DATA COLLECTION & ANALYSIS II | Chick Assignment | Journal Club |
| NOV 5 | THUR | 24 | DATA COLLECTION & ANALYSIS III | Final proposal |  |
| NOV 10 | TUES | 25 | DATA COLLECTION & ANALYSIS IV |  | Journal Club |
| **NOV 12** | **THUR** |  | **NO CLASS – VETERANS DAY** |  |  |
| NOV 17 | TUES | 26 | DATA COLLECTION & ANALYSIS V |  |  |
| NOV 19 | THURS | 27 | DATA COLLECTION & ANALYSIS VI |  | Journal Club |
| **NOV 24** | **TUES** |  | **NO CLASS – FALL RECESS** |  |  |
| **NOV 26** | **THUR** |  | **NO CLASS – FALL RECESS** |  |  |
| DEC 1 | TUES | 28 | DATA COLLECTION & ANALYSIS VII |  |  |
| DEC 3 | THUR | 29 | DATA COLLECTION & ANALYSIS VIII |  | Presentation Practice |
| DEC 8 | TUES | 31 | GROUP FORMAL PRESENTATIONS I | **Potluck!** |  |
| DEC 10 | THUR | 32 | GROUP FORMAL PRESENTATIONS II | **Potluck!** |  |
| TBA |  |  | Via Turn-it-in | **Final lab report** |  |