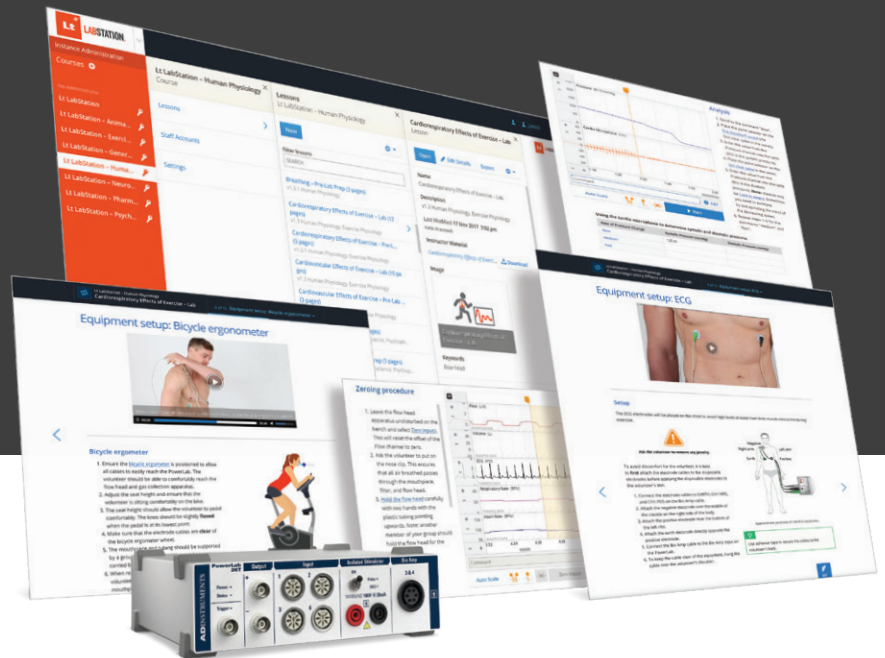




**LABSTATION.**

# Lesson and Experiment List

JULY 2019



## Getting Started with LabStation

Administration  
Authoring  
Lab  
Pre-Lab  
Student Starter

## Animal Physiology

Animal Metabolism  
Cockroach Sensory Nerve  
Cockroach Ventral Nerve Cord  
Earthworm Action Potentials  
Earthworm Smooth Muscle  
Frog Heart  
Frog Nerve  
Frog Neuromuscular Junction  
Frog Skeletal Muscle  
Gin Trap Closure Reflex  
Intracellular Action Potentials

## Exercise Physiology

Aerobic Fitness Testing  
Anaerobic Fitness Testing  
Cardiorespiratory Effects of Exercise  
Cardiovascular Effects of Exercise  
Energy Expenditure and Exercise  
Energy Metabolism  
Introduction to Fitness Testing

## Human Physiology

Airflow  
Autonomic Nervous System (ANS)  
Blood Clotting  
Blood Counting  
Blood Pressure  
Body Temperature  
Breathing  
Cardiorespiratory Effects of Exercise  
Cardiovascular Effects of Exercise  
Diving Response  
Electroencephalography (EEG)  
Electro-oculography (EOG)  
Energy Expenditure & Exercise  
Glucose Absorption  
Heart & ECG  
Heart & Peripheral Circulation  
Heart Sounds  
Kidney & Urine  
Lung Volumes  
Mechanics of Ventilation  
Muscle & EMG  
Peripheral Nerve Function  
Reflexes and Reaction Times  
Sensory Illusions  
Sensory Physiology  
Skeletal Muscle Function  
Spinal Reflexes  
Stroop Test  
Water Balance





## Biology

Acid-Base Titration  
Biological Membranes  
Introduction to Spectrophotometry  
Photosynthesis - CO<sub>2</sub> Fixation  
Photosynthesis - O<sub>2</sub> Production  
Temperature effects on Enzymes

## Neuroscience

Autonomic Nervous System  
Biofeedback  
Cockroach Sensory Nerve  
Cockroach Ventral Nerve Cord  
Diving Response  
Earthworm Action Potential  
Electrodermal Response (EDR)  
EDR & Classical Conditioning  
Electrooculography (EOG)  
Frog Nerve  
Frog Neuromuscular Junction  
Intracellular Action Potentials  
Muscle & EMG  
Peripheral Nerve Function  
Sensory Illusions  
Sensory Physiology  
Size-Weight Illusion  
Skeletal Muscle Function  
Spinal Reflexes  
Stroop Test  
Visual Evoked Potentials

## Pharmacology

Airways Resistance  
Chick Biventer Cervicis  
Mammalian Atria  
Mammalian Diaphragm  
Mammalian Heart  
Mammalian Jejunum  
Mammalian Uterus  
Stimulated Ileum  
Stimulated Rat Vas Deferens  
Toad Rectus Abdominis  
Unstimulated Ileum  
Unstimulated Ras Vas Deferens  
Vascular Resistance  
Vascular Smooth Muscle

## Psychophysiology

Biofeedback  
Diving Response  
Electrodermal Response (EDR)  
EDR and Classical Conditioning  
Electroencephalography (EEG)  
Electrooculography (EOG)  
Introduction to Psychophysiology  
Muscle and EMG  
Reflexes and Reaction Times  
Sensory Illusions  
Sensory Physiology  
Size-Weight Illusions  
Visual Evoked Potentials

