

BIOPHYSICS LABORATORY

• GENERAL RULES

1. YOU ARE NOT PERMITTED TO MAKE EXPERIMENTS IN BIOPHYSICS LABORATORY WITHOUT THE PERMISSION OF THE LABORATORY SUPERVISOR OR TUTOR. WHEN MAKING EXPERIMENT YOU ARE OBLIGED TO FOLLOW STRICTLY TEACHERS INSTRUCTION WITHIN THE SCOPE OF SAFETY RULES.
2. YOU MAY PERFORM ONLY THE EXPERIMENTS AUTHORIZED BY YOUR TEACHER. CAREFULLY FOLLOW ALL INSTRUCTIONS, BOTH WRITTEN AND ORAL. UNAUTHORIZED EXPERIMENTS ARE NOT ALLOWED.
3. DEFECTIVE EQUIPMENT OR BROKEN GLASSWARE MUST BE REPORTED TO THE TUTOR.
4. BE ALERT AND PROCEED WITH CAUTION AT ALL TIMES AT THE LABORATORY. NOTIFY THE TEACHER IMMEDIATELY OF ANY UNSAFE EVENTS OR CONDITIONS YOU OBSERVE.
5. EXPERIMENTS MUST BE PERSONALLY MONITORED AT ALL TIMES. DO NOT WANDER AROUND THE LABORATORY ROOMS, DISTRACT OTHER STUDENTS OR INTERFERE WITH THE LABORATORY EXPERIMENTS OF OTHERS.
6. **NEVER EVER MODIFY, FIX, ATTACH OR OTHERWISE CHANGE ANY EQUIPMENT**
7. FOOD AND DRINK IS STRICTLY FORBIDDEN IN BIOPHYSICS LABORATORY
8. SITTING ON LABORATORY TABLES IS PROHIBITED. NEVER RUN IN THE LABORATORY OR ALONG CORRIDORS.
9. DO NOT BLOCK PASSAGE WAYS OR FIRE EXITS

• SAFETY RULES

HANDLING OF ELECTRIC DEVICES

1. ELECTRIC DEVICES CAN BE CONNECTED UP ONLY WITH THE PERMISSION OF SUPERVISING TEACHER OR LABORATORY STAFF. SET-UP OF ELECTRIC SYSTEMS CAN BE PERFORMED ONLY WITH DISCONNECTED ELECTRIC SUPPLY.
2. ONLY ELECTRICALLY INSULATED WIRES WITH SUITABLE TERMINALS CAN BE USED TO SET-UP ELECTRIC MEASURING SYSTEMS. OPENING OF APPARATUS COVERS OR CASINGS IS FORBIDDEN.
3. IN CASE OF FAILURE OR OTHER DAMAGE TO APPARATUS YOU HAVE TO DISCONNECT IT FROM ELECTRIC SUPPLY IMMEDIATELY AND NOTIFY YOUR TEACHER OR LABORATORY STAFF.

WHEN YOU ARE ADJUSTING ANY HIGH VOLTAGE EQUIPMENT USE ONLY ONE HAND. YOUR OTHER HAND IS BEST PLACED IN A POCKET OR BEHIND YOU BACK. THIS PROCEDURE ELIMINATES THE POSSIBILITY OF AN ACCIDENT WHERE HIGH VOLTAGE CURRENT FLOWS UPON YOUR ARM, THROUGH YOUR CHEST, AND DOWN THE OTHER ARM.

WORK WITH RADIOACTIVE SOURCES

1. RADIOACTIVE SOURCES MAKE SPECIFIC TYPE OF HAZARD. TO GUARANTEE SAFETY STANDARDS THE RADIOACTIVE SOURCES ARE PLACED IN CONTAINERS WHICH PROTECT THE PERSONS MAKING EXPERIMENTS OR THOSE IN CLOSE VICINITY AGAINST ACCIDENTAL IRRADIATION
2. RADIOACTIVE SOURCES MUST ONLY BE USED UNDER THE DIRECTION AND SUPERVISION OF THE TUTOR OR SUPERVISOR FOR THE TIME LIMITED TO THE DURATION OF THE EXPERIMENTAL PROCEDURE.
3. IRRADIATION OF ANY PART OF YOUR BODY OR PARTS OF CLOTHES IS STRICTLY FORBIDDEN. IT ALSO REFERS TO ULTRAVIOLET RADIATION AND LASER LIGHT.

WORK WITH ANIMALS

1. WORK WITH ANIMALS HAS TO BE CARRIED OUT HUMANELY UNDER CONTROL OF THE TEACHER OR SUPERVISOR.
2. AS THE EXPERIMENT IS FINISHED THE ANIMAL SHOULD BE PLACED BACK IN ITS CAGE. YOU SHOULD WASH YOUR HANDS TO PROTECT AGAINST POSSIBLE INFECTION.