



Centurion
UNIVERSITY

CONCRETE TECHNOLOGY LABORATORY

SAFETY RULES

1. Be sure to read all Fire alarm and safety signs and follow the instructions in the event of an accident or emergency.
2. Make sure you know where your lab safety equipment including first aid kit(s), and how to properly use it.
3. Never leave ongoing experiment unattended.
4. Protect yourself with dry Insulation material.
5. Use mask and gloves during experiment period.



Centurion
UNIVERSITY

GEOTECHNICAL ENGINEERING LABORATORY

SAFETY RULES

1. Be sure to read all Fire alarm and safety signs and follow the instructions in the event of an accident or emergency.
2. Make sure you know where your lab safety equipment including first aid kit(s), and how to properly use it.
3. Never leave ongoing experiment unattended.
4. Protect yourself with dry Insulation material.
5. Use mask and gloves during experiment period.



Centurion
UNIVERSITY

3D PRINTING LABORATORY

SAFETY RULES

1. Don't look at the lamp and ensure the UV screen is intact before use.
2. Moving parts must be guarded to prevent accidental contact. During printing, please remember to adjust the extruder temperature to material melting point.
3. Don't touch moving parts of the machine - toothed belts, Z-axis screws, rails.
4. Never touch hot parts of the machine - extruder nozzle and heated bed.



Centurion
UNIVERSITY

ADVANCED TESTING & CALIBRATION LABORATORY

SAFETY RULES

1. Before entering the lab wear appropriate apron, shoes, shoes cover and hand gloves.
2. Before working check the working area; it should be free from dust, oil, grease and any other spillage.
3. Always follow the safety precautions for the specific machine.
4. Before operation check that the work piece is clamped and placed properly.
5. Before starting any experiment always check whether the software is functioning properly or not.
6. Concentrate while doing your work.
7. Always unplug all the machines after use.



Centurion
UNIVERSITY

HORTICULTURE LABORATORY-1

SAFETY RULES

1. Safety first. Use common sense to avoid accidents.
2. Shoes (no sandals) must be worn at all times. Bare feet or open (front or back) are not permitted in the laboratory.
3. Avoid direct contact of toxic chemicals (fungicides, pesticides and weedicides) with eyes and skins.
4. Before starting laboratory work, follow all written and verbal instructions carefully. If you do not understand a direction or part of a procedure, ask your concerned teacher before proceeding with the activity.
5. Use the glassware and equipment carefully.
6. Keep your work space clean and tidy. The working space, desk drawers, cabinets, instruments must be kept neat and clean at all the times.
7. When lab and field work is completed, all materials must be returned to their proper place and used benches, instruments and glass wares must be cleaned up.
8. Any student who has, or who develops a medical condition (nausea, asthma, allergies, chemical/ fire burn etc.) should immediately inform the lab instructor/ lab assistant.



M.Sc. HORTICULTURE LABORATORY

Centurion
UNIVERSITY

SAFETY RULES

DO'S

1. Inform and take permission from the lab incharge/supervisor/attender before going to start work (biochemical analysis).
2. Ensure maintaining proper discipline to all in laboratory.
3. Ensure all chemicals/reagents/glassware are available or not, used following safety measures and keep all chemicals in their original labeled containers.
4. Inform the lab incharge if there are any problems.
5. Ensure proper functioning of all the devices/instruments before use.
6. Read all the instruction manuals/biochemical procedures before use.
7. Ensure that the instruments are turned off after use.
8. Always clean your glassware and equipments before and after you use in the lab.
9. Ensure that the glassware/tools and equipments are kept back to its same place after use.
10. Ensure that glassware is cleaned immediately after use.



Centurion
UNIVERSITY

FARM MACHINERY & POWER LABARATORY SAFETY RULES

1. Use common sense to avoid accidents.
2. Shoes (no sandals) must be worn at all times. Bare feet or open (front or back) are not permitted in the laboratory.
3. Don't try to go near the movable parts of working machine.
4. Use the tools and equipment's carefully.
5. Before use of any machines and any implement's take permission from lab instructor/ lab assistant.
6. Always work with an approved laboratory coat/ apron and eye protections.
7. Keep your work space clean and tidy. The working space, desk drawers, cabinets, instruments must be kept neat and clean at all times.
8. When lab work is completed, all materials must be returned to their proper places and used benches, instruments must be cleaned up.
9. Any students who have, or who develops a medical condition (nausea, asthma, allergies, chemical/fire burn etc.) should immediately inform the lab instructor/lab asst.



Centurion
UNIVERSITY

FOOD PROCESSING LABARATORY

SAFETY RULES

1. Use common sense to avoid accidents.
2. Shoes (no sandals) must be worn at all times. Bare feet or open (front or back) are not permitted in the laboratory.
3. Avoid direct contact of toxic chemicals with eyes and skin.
4. Use the glassware and equipment's carefully.
5. Always work with an approved laboratory coat or apron and eye protection.
6. Learn about the use of the burner and fire extinguisher.
7. Keep your work space clean and tidy. The working space, desk drawers, cabinets, instruments must be kept neat and clean at all times.
8. When lab work is completed, all materials must be returned to their proper places and used benches, instruments and glassware must be cleaned up.
9. Any students who has, or who develops a medical condition (nausea, asthma, allergies, chemical/fire burn etc.) should immediately inform the lab instructor/lab asst.



Centurion
UNIVERSITY

SOIL & WATER CONSERVATION ENGINEERING LABORATORY

SAFETY RULES

1. Use common sense to avoid accidents.
2. Shoes (no sandals) must be worn at all times. Bare feet or open (front or back) are not permitted in the laboratory.
3. Avoid direct contact of toxic chemicals with eyes and skin.
4. Use the glassware and equipment's carefully.
5. Always work with an approved laboratory coat or apron and eye protection.
6. Learn about the use of the burner and fire extinguisher.
7. Keep your work space clean and tidy. The working space, desk drawers, cabinets, instruments must be kept neat and clean at all times.
8. When lab work is completed, all materials must be returned to their proper places and used benches, instruments and glassware must be cleaned up.
9. Any students who has, or who develops a medical condition (nausea, asthma, allergies, chemical/fire burn etc.) should immediately inform the lab instructor/lab asst.



Centurion
UNIVERSITY

CENTRAL LABORATORY SAFETY RULES

1. Use Gloves, Masks, Aprons, Eye protection and PPE (Personal Protective Equipment) at the time of sample collection and performing test.
2. Dispose of all waste materials in the appropriate Biomedical waste disposal bin.
3. Make sure you know locations of laboratory safety showers, eyewashstations, and fire extinguishers including first aid kit and how to use it properly.
4. You should learn fire safety rules and know how to manage at the time of fire hazard.
5. You should learn about important Electrical Safety rules which can protect you from the hazards of electricity.
6. Carefully handle hazardous chemicals.
7. Do not work with chemicals until you are sure of their safe handling and should avoid perform unauthorized experiments.
8. Arrange the cylinders by strapping it well.
9. Do not leave the Bunsen burner unattended.
10. Wash hands properly after doing an experiment and also before leaving the laboratory.
11. Open cuts and wounds on one's hands or exposed surface area on the skin should be covered with waterproof bandages while performing any experimental procedure or collecting samples.



Centurion
UNIVERSITY

EMERGENCY MEDICAL TECHNOLOGY LAB SAFETY RULES

1. Properly check emergency equipment's weather they are malfunctioning, that can be risk to patient's life.
2. Always check the power connections to prevent electrical hazards.
3. Check the gas cylinders regularly to prevent gas leakage.
4. Dispose all materials in the appropriate biomedical waste disposal bin.
5. Make sure you know locations of laboratory safety showers, fire extinguishers including first aid kit and how to use it properly.
6. You should learn fire safety rules and know how to manage at the time of fire hazard.
7. Equipment's should be handle with care & safety.
8. Emergency drug trolley should be always ready for the patient safety.



Centurion
UNIVERSITY

OPTOMETRY LABORATORY SAFETY RULES

1. Wear gloves, masks, aprons and eye protection
2. Dispose all materials in the appropriate biomedical waste disposal Bins
3. Use a hypochlorite solution for cleaning contaminated and infected equipment
4. Do not work with instruments until you're sure of their safe handling
5. Do not leave all equipment without shutdown appropriately



Centurion
UNIVERSITY

OT LABORATORY SAFETY RULES

1. Safety fire exiting is sure to read all fire and safety sign and follow the instructions in the event of accident emergency.
2. Emergency exit route.
3. Don't eat drink in the laboratory.
4. Use masks and gloves during entire of OT lab.
5. Use equipment as per manual instruction of the company.
6. Designated and well-marked waste storage locations are necessary.
7. No cellphone or ear phone usage in the active portion of the laboratories
8. Don't put Pieces of lab equipment in your mouth
9. Before OT Procedure we have to Check O2 cylinder pipeline connection properly
10. Avoid patient skin electrocautery burning by checking electric ware properly
11. Follow the Biomedical Waste Policy.
12. Before enter or exit to the OT lab, wash your hand properly.



Centurion
UNIVERSITY

ICU LABORATORY SAFETY RULES

1. Use of flammable thing prohibited in ICU lab.
2. Always checked the power connections to prevent electrical hazards.
3. Properly check of all the equipment's weather they are malfunctioning, that can be risk to patients' life.
4. Checked the gas cylinders regularly to prevent gas leakage.
5. Ventilators should be checked under preventive maintenance.
6. Do not eat and drink in lab.
7. Equipment's should be handle with care and safety.
8. Follow the biomedical (BM) guidelines.
9. Ensure that proper laminar air flow ventilation maintain in lab, for generating a continuous flow of bacteria free air.
10. Use gloves and mask or use of PPE is necessary for both patient and health professionals.
11. Never use phone inside the unless it urgent.



Centurion
UNIVERSITY

CCU LABORATORY SAFETY RULES

1. Use of flammable thing prohibited in CCU.
2. Always checked the power connections to prevent electrical hazards.
3. Properly check of all the equipment's weather they are malfunctioning, that can be risk to patients' life.
4. Checked the gas cylinders regularly to prevent gas leakage.
5. ECG machine should be checked regularly.
6. Use cotton fabric for clothing to prevent electrical hazards.
7. Make sure that patient body not to touch any metallic stuff while using of any electrical device or equipment to the patient.
8. Remove all the ornaments before going for ECG.
9. Do not eat and drink in lab.
10. Equipment's should be handle with care and safety.
11. Follow the biomedical (BM) guidelines.
12. Ensure that proper laminar air flow ventilation maintain in lab, for generating a continuous flow of bacteria free air.
13. Use gloves and mask or use of PPE is necessary for both patient and health professionals
14. Never use phone inside the unless it urgent



Centurion
UNIVERSITY

SOIL SCIENCE & AGRICULTURAL CHEMISTRY LAB

SAFETY RULES

1. Know the hazards of the chemicals you use, and how to deal with them.
2. Label all chemicals, solutions, wastes, and dispose of all chemicals properly.
3. Wear proper lab coats, gloves, shoes and safety glasses when handling hazardous chemicals.
4. Wash properly when a chemical has contacted skin, and on leaving the laboratory. Use emergency eyewash or/and shower whenever necessary immediately.
5. While at the lab bench, do not eat, drink, smoke, apply cosmetics, or pipette by mouth.
6. Know the location of the fire extinguisher, fire blanket, eyewash station, and first aid kit.
7. Chipped or cracked glassware should not be used. Show it to the teacher. Broken glassware should not be disposed of in a classroom trashcan. There is a special glass disposal container for it.
8. Follow the instructions of your teacher and Laboratory technician.



Department of Computer Science and Engineering

Safety Rules

1. Do not bring any food or drinks near the machine.
2. Turn off the machine once you are done using it.
3. Do not plug in external devices without scanning them for computer viruses.
4. Ensure that the temperature in the room stays cool, since there are a lot of machines inside labs these can overheat easily. These are the many ways of ensuring computer safety.
5. Try not to touch any of the circuit boards and power sockets when a device is connected to them and switched on.
6. Always maintain an extra copy of all your important data.
7. Students should not attempt to repair, open, tamper or interfere with any of the computer, printing, cabling, air conditioning or other equipment in the laboratory.



Centurion
UNIVERSITY

COMPUTATIONAL LABORATORY SAFETY RULES

1. Turn off the machine before leaving the laboratory.
2. Do not plug in external devices without scanning them for computer viruses.
3. Maintain the room temperature below 25 o C to ensure safety of Computers.
4. Do not to touch or step on any of the circuit boards, wires and power sockets.
5. Always maintain an extra copy of all your important data files.
6. All users of the laboratory are to follow the directions of Laboratory in charge.
7. Students should not attempt to repair, open, tamper or interfere with any of the computers, printers, cabling, air conditioning or other equipment in the laboratory.
8. Students should be aware of office ergonomic guidelines for correct posture when using computer equipment.
9. Your personal belongings are your own responsibility.



Centurion
UNIVERSITY

PHYSICS LABORATORY SAFETY RULES

1. Be alert and attentive at all times. Act like an adult.
2. Report all accidents, injuries or breakage to the instructor immediately. Also, report any equipment that you suspect is malfunctioning.
3. Dress properly for lab. Depending on the particular activity, the instructor may require long hair to be tied back, dangling jewelry and loose or baggy clothing to be removed or secured, shoes that cover the foot, and safety goggles to be worn.
4. Use equipment with care for the purpose for which it is intended.
5. Do not perform unauthorized experiments. Get the instructor's permission before you try something original.
6. Be careful when working with apparatus that may be hot. If you must pick it up, use tongs, a wet paper towel, or other appropriate holder.
7. If a thermometer breaks, inform the instructor immediately. Do not touch either the broken glass or the mercury with your bare skin.
8. Ask the instructor to check all electrical circuits before you turn on the power.
9. When working with electrical circuits, be sure that the current is turned off before making adjustments in the circuit.
10. Never, ever look into any Laser beam. Always wear your goggles and never lower your head to the level of the Laser beam.