



Computer Integrated Manufacturing (CIM) Lab

Mechanical and Production Engineering Department

Ahsanullah University of Science & Technology (AUST)

General Lab Safety Rules

Wear PPE: Lab coat, safety goggles, gloves, and closed-toe shoes are mandatory.

No Unauthorized Entry: Only authorized students and staff are allowed in the lab.

Keep Workspace Clean: Ensure all equipment is stored properly and workspaces are clean after experiments.

No Eating or Drinking: Food and drinks are strictly prohibited to avoid contamination.

Safety Procedures for Specific Equipment

3D Printers: The printer nozzle and heated bed can reach high temperatures. Ensure adequate ventilation while printing to avoid inhaling fumes from the melted material. Always turn off and unplug the printer after use.

CNC Simulators: Use CNC simulators only after completing safety training. Avoid placing hands near moving parts and tooling paths.

Manufacturing Control System Simulators: Use caution when handling electrical components. Inspect connections to avoid short circuits or electrical hazards. Power down all simulators properly after use to prevent damage.

Accident and Health Hazard Provisions

First Aid Kit: Familiarize yourself with its location and basic first aid procedures.

Fire Safety: Know the emergency exits and fire alarm locations. Evacuate immediately if a fire cannot be controlled.

Incident Reporting: Report accidents immediately to the lab in-charge. Investigations will be conducted to prevent future incidents.

Lab Contact Information

Lab In-Charge: Aquib Rahman

Emergency Contact: [LA: 01939843297, AAO: 01534100141]

REMEMBER: Safety First! Always adhere to lab safety protocols.