

## Dalton Hall Power Outage Plan

This document provides information about emergency power availability in the event of a power outage in Dalton Hall.

### Severe Weather Preparations:

When severe weather is anticipated to impact the Rock Hill area with high winds and/or lightning strikes that could cause power outages, the following measures should be taken by the faculty and staff in Dalton Hall.

Identification of Essential Power Needs: Each faculty member should assess their current needs if electrical power is lost to the building and provide the following information to their department:

1. Faculty member name
2. Description of equipment that needs power (Only essential equipment such as a freezer with valuable samples)
3. Location of the equipment (room number)
4. Confirmation that you have an extension cord to connect your equipment to the large extension cords in the hallways (also, once you find them, place your extension cords in a conspicuous locations your the labs).

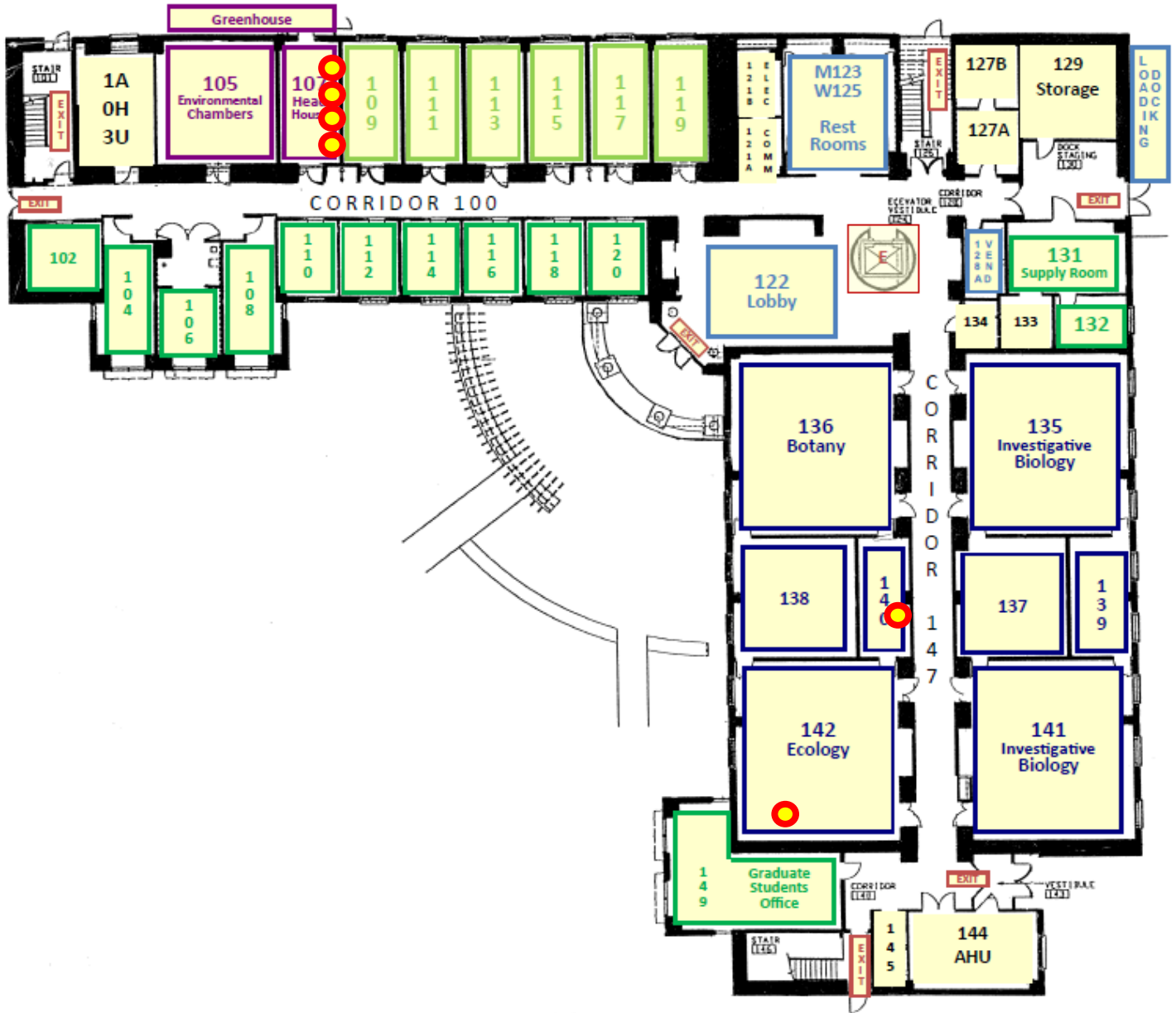
Although some emergency power can be supplied using extension cords (see below), it is not possible to supply power to every lab. Therefore, faculty should consider consolidating the materials they need to protect from thawing (e.g. samples, enzyme stocks, etc.) in common freezers.

Computer Equipment: Turn off your office and lab computers when you leave the building before inclement weather. There have been instances where computers and lab equipment have been damaged by lightning strikes in the past. Your computer can also be damaged by a jolt of electricity when the power turns back on. So to play it safe, turn your computer off when you leave.

Electric Power to Essential Equipment (i.e. freezers): Our building has an emergency power generator that can supply electricity for some of our most important pieces of equipment (such as freezers). However, the outlets are not positioned in convenient locations. There are four wall outlets in the head house leading to the greenhouse (DALT 107), an outlet in the front botany/ecology prep room (DALT 140), an outlet in the ecology teaching lab (DALT 142), an outlet in the tissue culture room (DALT 237), and an outlet in the microbiology prep room (DALT 234A). These outlets should have a red outlet cover or they are marked in some way. A few years ago the biology department purchased large extension cords that can each supply two or three pieces of equipment (depending on power requirements). If the power goes out, we can run these extension cords into the hallways containing the research labs on the first and second floors. The department also purchased smaller extension cords for individual labs.

## Dalton Hall 1<sup>st</sup> Floor Emergency Power Outlets

There are four wall outlets in the head house leading to the greenhouse (DALT 107), an outlet in the front botany/ecology prep room (DALT 140), and an outlet in the ecology teaching lab (DALT 142).



## Dalton Hall 2<sup>nd</sup> Floor Emergency Power Outlets

There is an outlet in the tissue culture room (DALT 237), and an outlet in the microbiology prep room (DALT 234A).

