- Turn On Entire System:
  - Push green button
  - Power on (White Switch)
  - Turn on Main Circuit Breaker
  - Turn on Monitor
  - Turn on Vacuum Pump

- On Computer go to:
  - “Focus Ellipsometer” and double click
  - “Focus Interactive” and double click
  - “Load Wafer” and click once
  - “Manual Load” and click once, then it say “Please load wafer”

- Loading Sample & Measuring:
  - Open safety door
  - Larger wafer than 2 inch just place wafer on sample holder ( make sure to center the sample on the holder).
  - If wafer is smaller than 2 inch? First place 3 inch wafer on sample holder then place your sample on top of 3 inch wafer.
  - Close safety door
  - Click OK
  - New Wafer Specification shows up ( Do Not Do Anything)
  - Just click Enter
  - Then on “Site Locator” go to “Filmstack” and click
  - On “Filmstack Selection” chose your “Filmstack ( example Si3N4 < 500A or some other material )”, Note you can have your own recipe. Then press Enter.
  - Window for Si3N4 < 500 A shows up with structure.
  - Click on Your Layer ( Si3N4)
  - Then layer 1 View shows up
  - Choose Layer A and index of refraction N
  - Then Enter
  - Click Measure – on the menu
  - Then it shows calculated parameters in few seconds
  - Now if you want different part of sample to measure
  - Move sample around
  - Then click measure
  - If you want to see graphical output just click yes.

- Unloading
  - Go to load wafer
  - Click on unload
- Open safety door
- Take your sample
- Close safety door
- Push Enter or OK
- Click close
- Turn off Vacuum Pump
- Turn off Main
- Turn off power (white switch)