# CNC SIMULATOR DO'S AND DON'TS CHECKLIST

Name: …………………………………………………     Course: CAM8515/CAM8505

Section:……………………………………………

Year: ………………………     Semester: Fall ☐   Winter ☐   Spring ☐

**Room T213 – You can remove the cover and put the <u>plastic cover</u> back at the end of your work.**

Time in: …………………………………………. Time out: ……………………………………………. Date: ………………………………………………………….
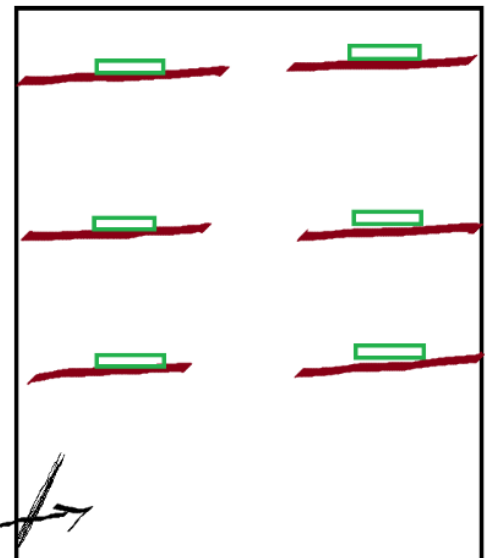
| DO'S |
|---|

**IMPORTANT NOTE:** THERE SHOULD BE AT LEAST 2 STUDENTS IN THE LAB.
*NO INDIVIDUAL ONE ALLOWS TO BE IN THE LAB FOR SAFTEY REASONS. IF YOU WANT TO LEAVE THE LAB, MAKE SURE YOU WOULD LEAVE IT WITH YOUR FRIEND AND NO ONE IS IN THE LAB IF YOU ARE THE LAST TWO.*

☐ **1. WASH YOUR HANDS**
People often underestimate how much they eat in a day. Write down what you eat and when you eat it to account for all meals, snacks, drinks, and desserts.

☐ **MAKE SURE YOU KEEP 2 METER DISTANCE ALL THE TIME**
There are 11 simulators in the room, on each side of the room only 3 simulators can be used (total 6)

Only the 6 green spaces in the below picture can be used.

☐ **2. READ THE "CNC SIMULATOR ORIENTATION" FILE**
Watch the following 4 videos (each less than 10 min)
- ✓ CNC Simulator Introduction – part 1
- ✓ CNC Simulator Introduction – part 2
- ✓ CNC Simulator Introduction – part 3
- ✓ CNC Simulator Introduction – part 4

☐ **WHEN YOU ARE DONE PLEASE CLEAN THE KEYS BY A WIPE AVAILABLE IN T213 AS YOU DO FOR OTHER LABS**
We trust you all to do all these steps!

☐ **OPTIONAL: READ OR SCAN READ THE "CNC OPERATION MANUAL" FILE AND BE FAMILIAR WITH THE PARTS AND KEYS**

☐ **TURN OFF THE SIMULATOR**

☐ **3. WATCH THE 3 VIEDOS**
The videos are based on a sample file G-Code accessible on the Brightspace: **O1001.nc file**
You can also download the TXT file and then "save as…" it as an O1001.nc file

☐ **4. COPY THE NC FILE ON YOUR USB**
Now you can go back to page 18 of the CNC Simulation Orientation file and follow the steps described there and repeated on the 3 posted videos

| | DON'T'S |
|---|---|

☐ No food in the lab

☐ **NO ONE LEFT ALONE IN THE LAB**
The minimum number of students in the lab is 2 students.

- ✓ If you are the only one, please wait for your friend(s) to come and then go in.

- ✓ If you are the last 2, make sure to leave the room together.

☐ Do not leave the simulator on

☐ **Do not turn on and off without waiting 10 seconds in between**

☐ Do not leave The simulator with no cover on

Initial here please: ……………………………….