ELEC 2210 **PRE-LAB** COVER PAGE Complete and attach this page to the front of your pre-lab.

Meeting # 9 Mosfets & CMOS inverters Title of Lab Experiment
Student Name: Emerson Crapriel Name (Last, First, MI)
Student Email: 9+10002 AU 7-character username
GTA: Paul Afilola Name of your GTA
Section you are enrolled in: (Circle One) (1) 2 3 4 5 6 7 8
Date pre-lab submitted: (dd / mm / yy): 3/15/21
I hereby certify that this pre-lab work was performed and written by me exclusively.
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Student signature Date signed

1.) Voltage range= 0.4 & V+n & 1.0 V

Id max = Ide on 3mA < Ids < Ids off < Ids <4r4
Vds Max: 132V

P dissipation MAX: 500 mW

2.) Mosfet acts as a closed switch in the Saturation region because there is a conduction between drain and source.

Morfet acts as open switch in the cutoff region because current ean't flow between drain and source.

