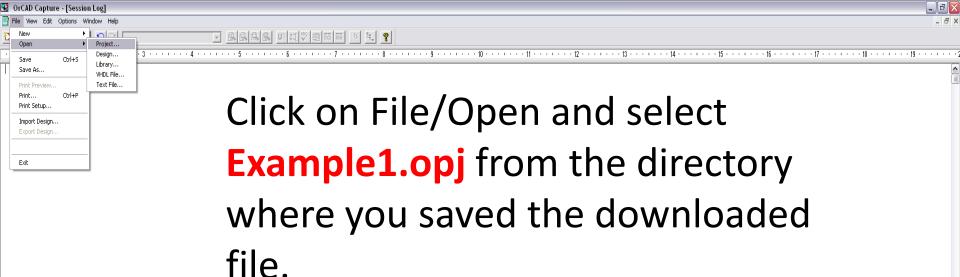
Verification of Proper Installation of 9.1 Capture

File for Simulation Test

Download Example1.opj from the ECE 2984
 LiaB Scholar site under Resources in the folder called:

Pspice/Capture

- Then, run PSpice Student/Capture Student.
 - One application should launch
 - OrCAD Capture [Session Log]



The next slide is a screen shot of the circuit that is loaded along with the values of the d.c. current flowing through each of the components in the circuit (1.000mA).



Inbox for kameehan...

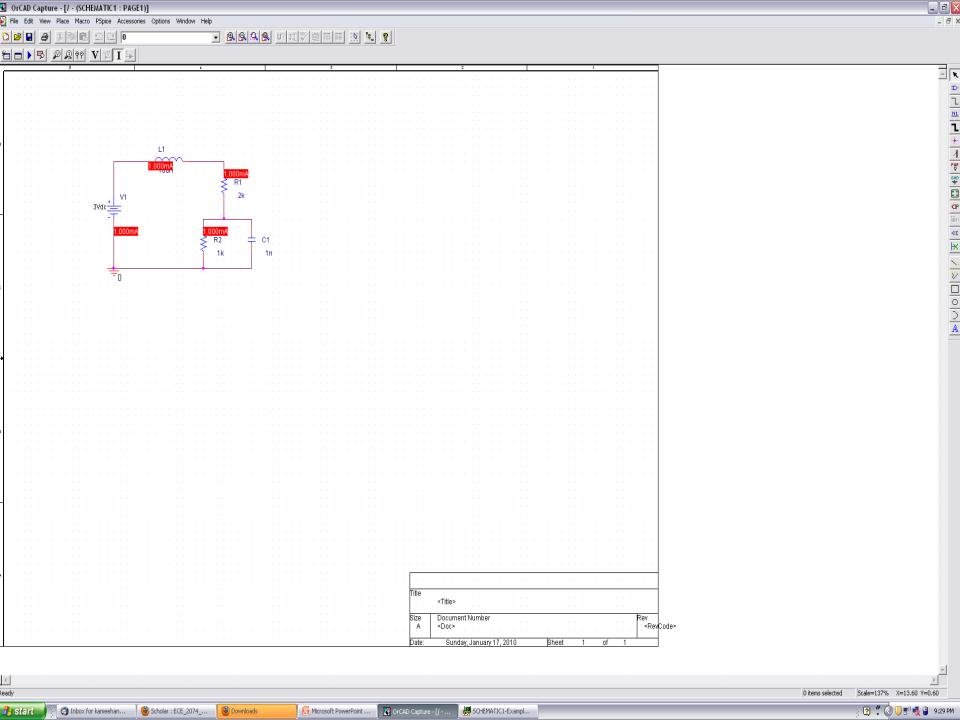






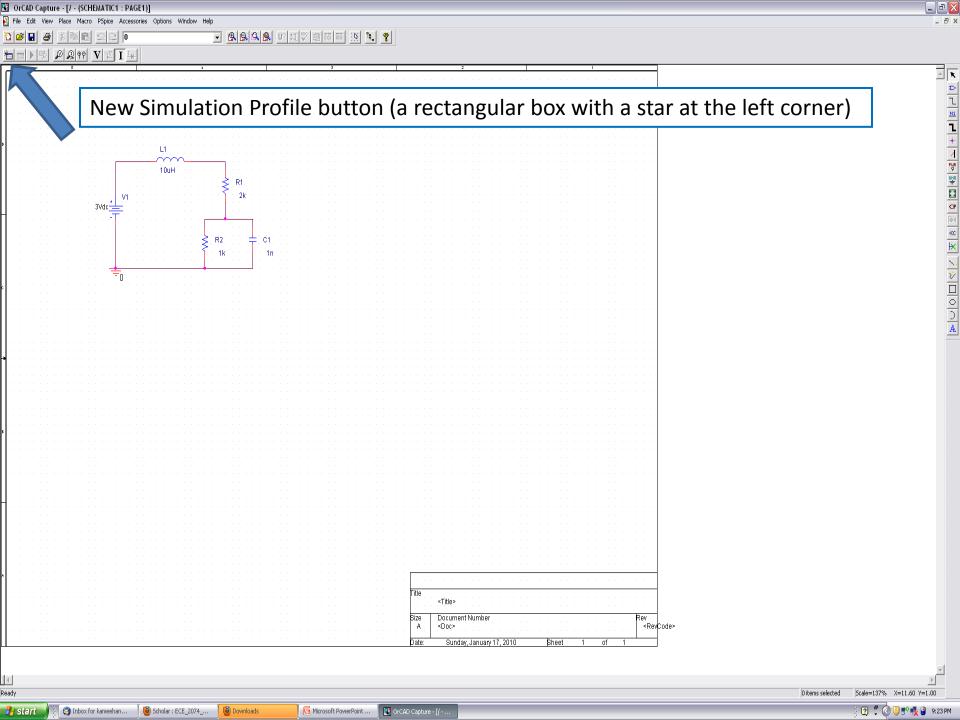


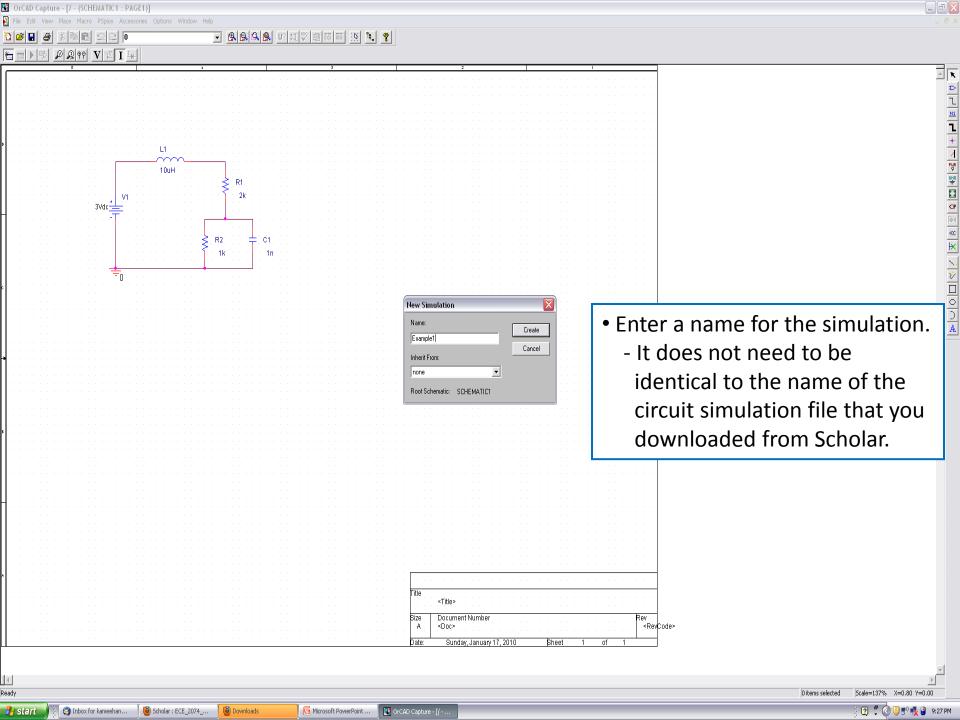


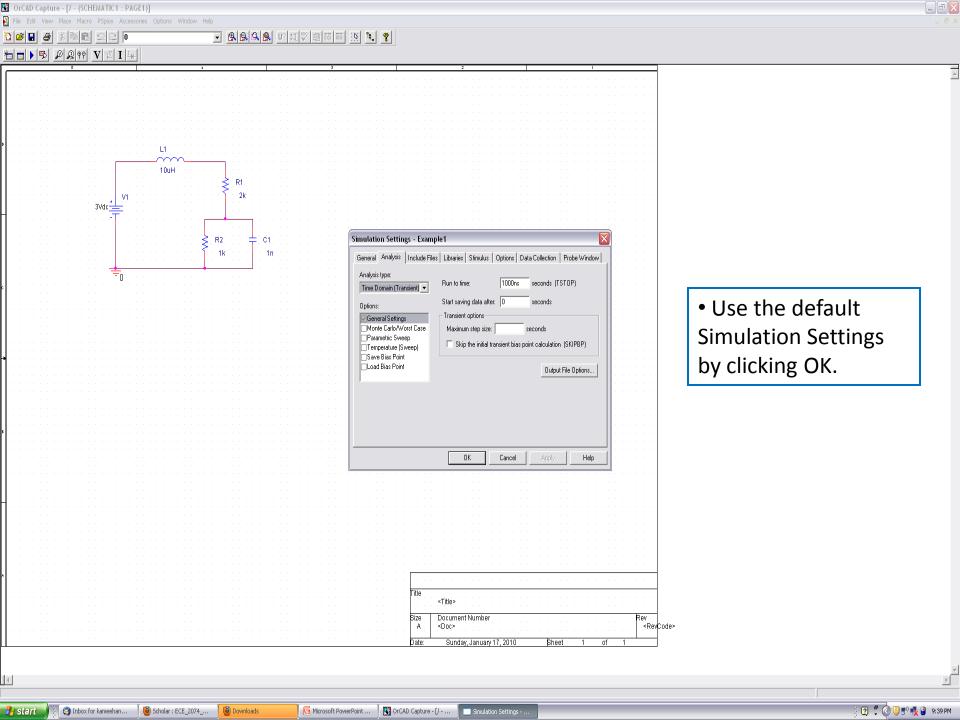


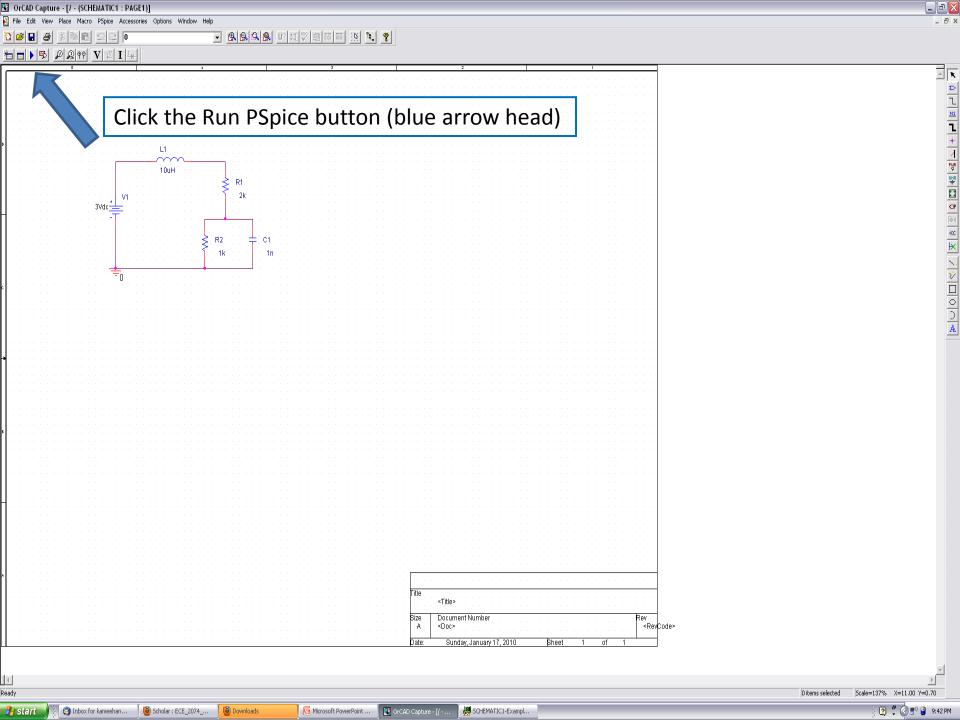
If the Currents aren't Shown

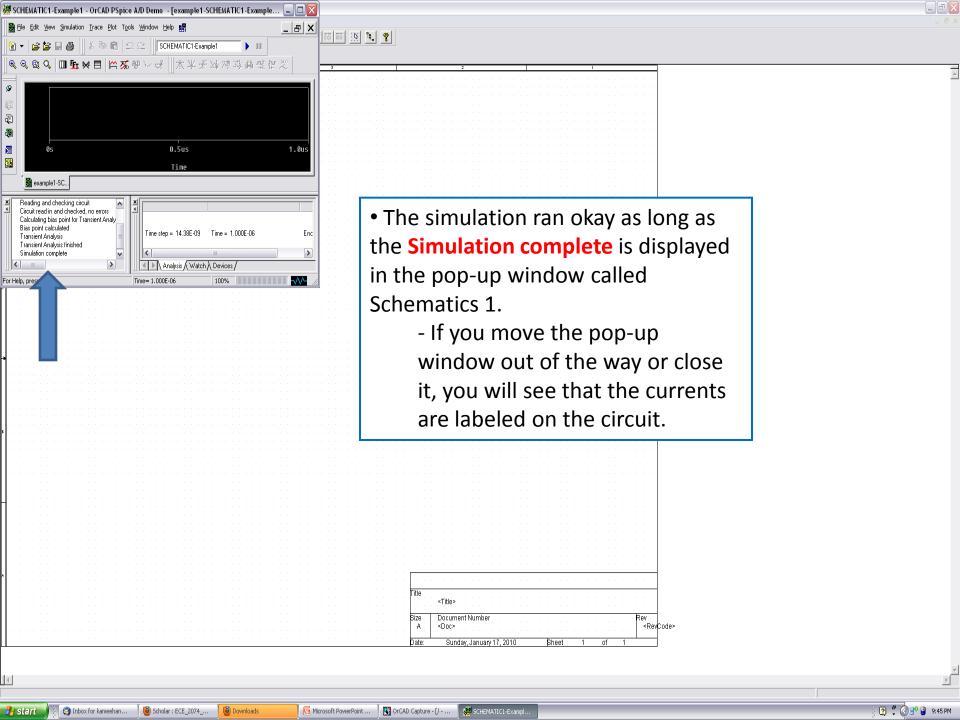
- Click on the New Simulation Profile button to select the type of calculation to be run.
 - The values for the currents through the components should appear on the circuit after Simulation complete appears in the pop-up box called Example1 – ORCAD A/D DEMO.

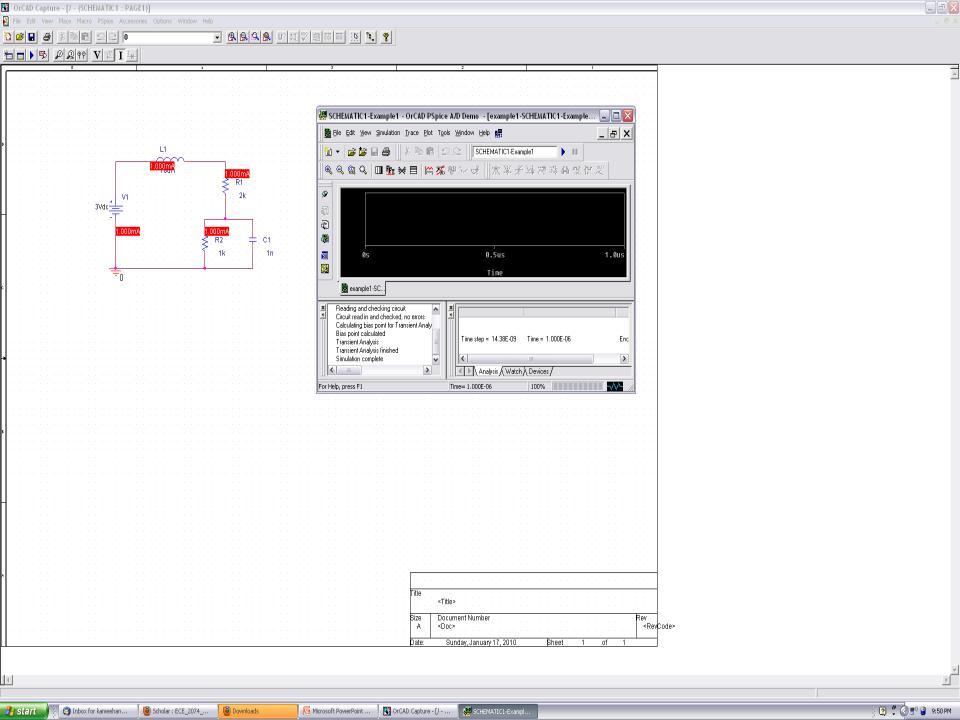






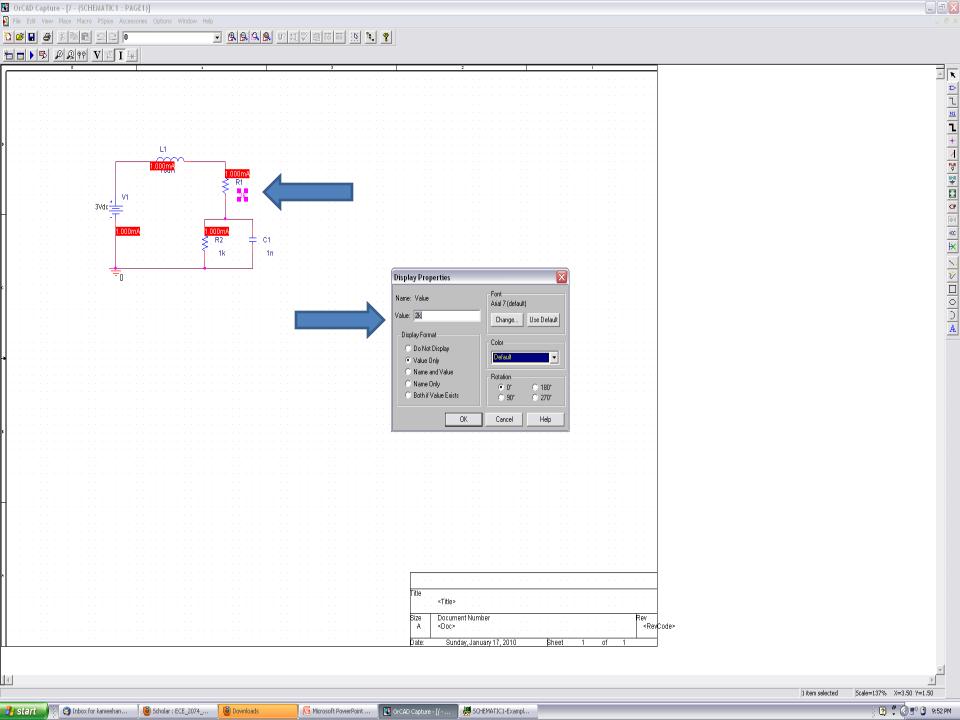


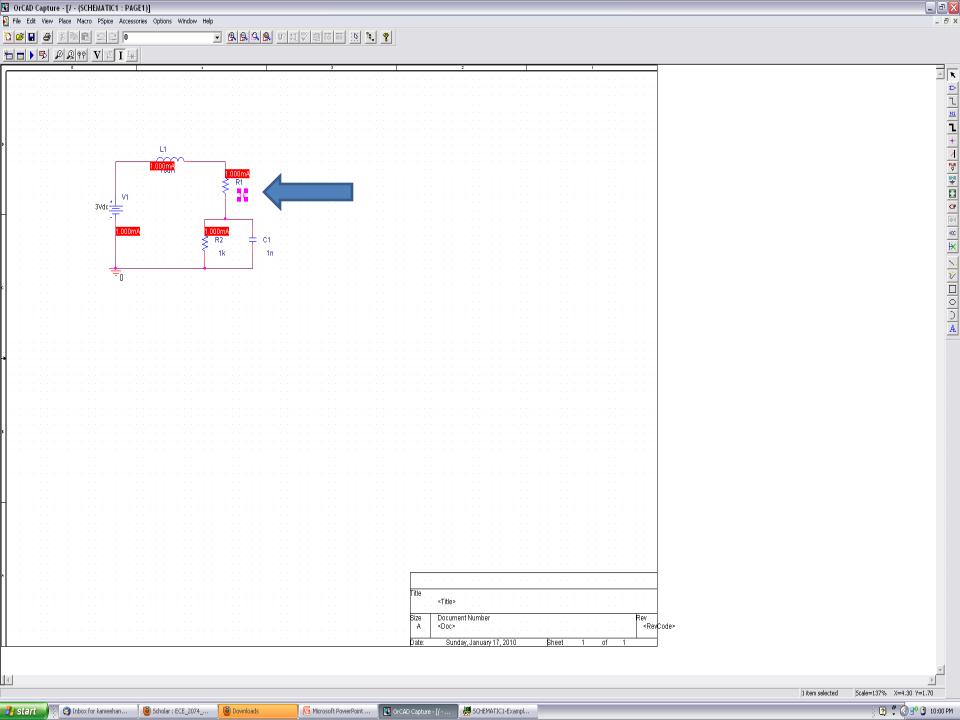




Change the Value of Resistor R1

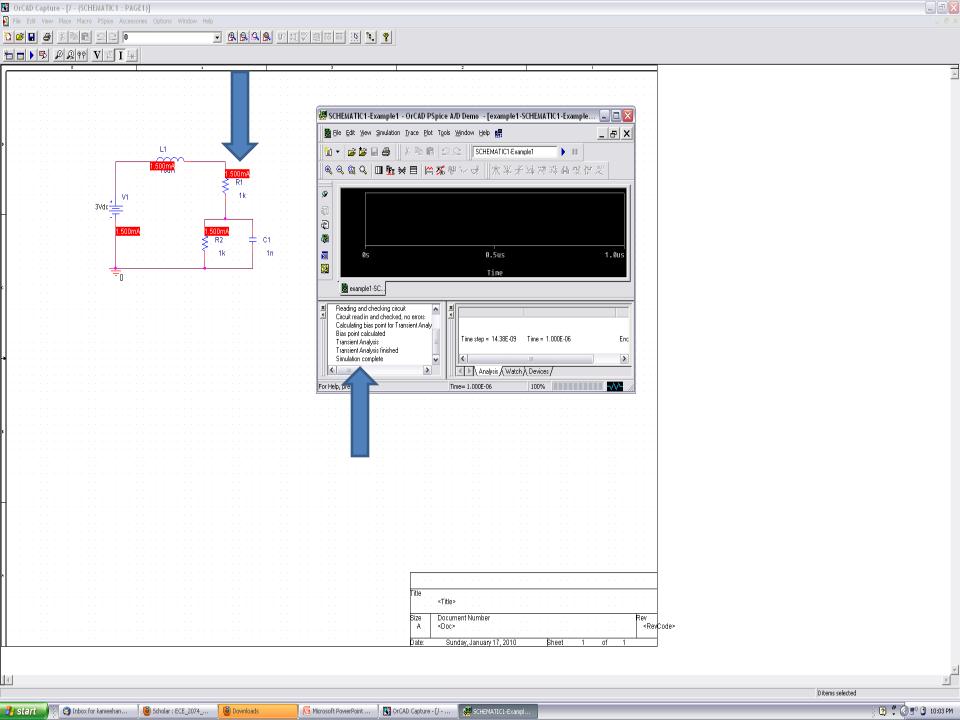
- Double click on the 2k that is below R1.
 - A dashed box will surround the 2k by R1.
 - A pop-up window called Set Attribute Value will open. The VALUE, 2k, will be highlighted.
 - Type 1k in the box and click OK.
 - The value of R1 printed to the right of the resistor symbol should now be 1k.





Run a Simulation with New Value

- Click on the Run PSpice icon (blue arrowhead) that is located on the second row of buttons, third from the left.
 - If the program has installed properly:
 - A pop-up window called SCHEMATIC1-Example1 –
 ORCAD A/D DEMO should open and the words
 Simulation complete should be printed in the lower
 left.
 - The values for the currents that are flowing through the components in the circuit should change to **1.500mA**.



If There was No Change in the Current

- If the value of the current did not change from 1.000mA, then the installation of PSpice was not completed.
 - Close Schematics and make sure that all of the other PSpice applications have also closed.
 - A few of them will need to be closed manually.
 - Using the option under Control Panel, uninstall PSpice and then reinstall it using the Setup file that was unzipped from 91pspstu.exe. Then, repeat the instructions in this PowerPoint file.

ECE IT Staff

- If the program fails to run properly a second time, please see Mr. Branden McKagen of the ECE IT group for assistance.
 - His office is 346 Whittemore Hall.
 - He is generally available from:
 - 9am noon on Monday through Friday
 - 1:15pm 5pm on Monday, Wednesday, and Friday