



Conclusion:

In this week's lab, soldering skills were certified and a Printed Circuit Board was fabricated using Altium Designer. In the soldering lab, teams of two took turns soldering components onto a PCB to make a PWM motor and a blinking led light. Then a component was desoldered and this was done by having a partner hold the board and using the iron one partner pulled the component with tweezers while heating the joints. Then a PCB was created using the Altium Designer software. Tutorial videos were watched on how to use the software and the High Performance Computing System software that GVSU offers the program on was accessed and used on my laptop at home to complete the PCB schematic and 3D model of the PCB which is shown in figures 1 and 2 above.