MANUAL DRAWING IN THE FIELD OF TECHNICAL DRAFTING
By: Marlon Q. Diego
Teacher II, Pablo Roman National High School

With the technology growing significantly fast nowadays, people tend to focus their attention in using their gadgets specifically smart phones and laptops just to be within the trend. But in such field like Technical Drafting, the entirety of this area cannot be fully realized without having the knowledge and skills in conventional drawing. Electronically made images provide tons of advantages if you are out to compare it from traditional manual drawing works. But there are also some advantages that a conventionally made drawing can provide to draftsman.

According to Mohammed Sabeer (a certified professional trainer in CAD and Multimedia), “In order to perform the conventional drafting, we need drawing equipment such as drawing board, mini draft set, T-square etc. But to perform computer drafting, we need a computer, software and of course the knowledge to operate that software. In conventional drafting, if some editing is to be incorporated, you have two options. You can either just rub off those portions then you can redraw the object or you can simply discard that drawing then you can start a new drawing right from the scratch, whereas in computer drafting, you can easily incorporate interactive editing.”

Both computer-aided and conventional drawing uses skills adapted by the draftsman. Though electronically made drawing is more convenient considering the equipment to be used, precision of the draft, ease in editing, and different ways of saving the work, manual drawing can still be performed most especially in quick sketches to be presented for swift ideas. It only needs a piece of paper, pencil and your hands equipped with drawing skills. It is also for the reason that most students who went on to study technical drafting are interested or fascinated in doing manual drawing. In addition, you can easily adapt and create digital drawing if you have good conventional drawing skills to begin with. The feel in drawing a line digitally is a lot different by pressing the tip of the pencil on the drawing paper in sketching a line.
Having stated all of those, we should embrace and walk in the path of digital world. Computer aided drawing in technical drafting is clearly the more accurate and more beneficial with all the advantages it can offer. Another is the variety of medium that can be used like desktop computer, laptop, smartphones and most especially pen tabs. However, a technical drafting student can use his manual drawing skills to easily adapt in every digital computer drawing command to perceive realistic drawing perspective of an object.

Reference:
Conventional Drafting vs. Computer Aided Drafting by Mohammed Sabeer (October, 2017)https://youtube.be/0SCjcXb89pY