Engineering Drawings

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Learned

In the engineering drawing section of the course, I learned the basis and rules to engineer drawings. I learned how to properly draw an accurate multi-view projection of an object. I know what are and how to use lines such as object, hidden, center, and dimension lines. I learned how to properly dimension the drawings by properly using arrowheads, dimension lines, extension lines, dimensions, and leaders. I also learned the proper use of dimensions of diameter versus radius; baseline versus chain; proper dimension spacing; and the fact that dimensions should be directly measurable. I know how to draw an isometric drawing from a multi-view drawing. I learned how to draw cylindrical surfaces on an isometric view. I learned how to make ellipses on incline surfaces for an isometric view (circular hole). Also, I learned the basis of section views. The engineering drawing section was very important to establish a basis and understanding of engineering drawings.