

possible to obtain by many days of book study. Where there are no such schools available the student should try and get into an architect's office, or into the office of some mechanical draftsman, and either pay for, or work for, a series of lessons on drawing, but when none of these conditions exist, he should take up a series of studies in practical geometry in connection with drawing; as a knowledge of geometry as presented in either "Modern Carpentry and Joinery", or other works published in this series of work-manuals, by Messrs. Frederick J. Drake & Co.

The construction of geometrical figures is exceedingly good exercise and will not only give the reader good theoretical knowledge, but will help him in his drawing lessons and practice him in exactness.

By application and determination "to fight it out to a finish" the earnest student will be sure to make a good—perhaps a first-class—draftsman, for, to the really earnest man, nothing is impossible within the range of human accomplishments.

I have referred in the foregoing to "exactness." This is the first "necessity" in a drawing that is intended to be used as a guide for actual work.