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Hard Work and Diligence

Matt Dyson

Even though engineers have been around for a long time, one could say they have been around from the *dawn* of mankind, creating even the very first set of tools. Though they are still quite young in the professional world today, engineers are in every aspect of the world as we know it. Engineering is involved in everything from the wheat fields in Kalvesta, Kansas to the majestic Empire State Building in New York City. The fields in Kansas have been genetically and chemically engineered to survive the harsh and bitter winters of Kansas, while the Empire State Building was designed to stand the ultimate test of time in the concrete jungle.

When someone sees a monstrous building that goes on and on forever, they should realize that some man or woman was in charge of building that undertaking. That person most likely spent countless hours of planning, drafting, and researching for that single build. It could be just a simple lean-to to the multi-million dollar complex, yet all builds require some sort of engineering. As the great author James A. Michener said, "Scientist dream about doing great things. Engineers do them."

Engineers can be anything from the simple, yet still complex civil engineer to the genetic engineer. The schooling can range from the four year degree up to an eight year degree. One important thing about engineering is that it helps one learn from the past and what to look forward to in the future.

Scientists are men and women who discover new things, but engineers are the ones who build it. They make it available for everyday use for the common man. According to Merriam-Webster, engineering is "the application of science and mathematics by which the properties of matter and the source of energy in nature are made useful to people." Luckily for the men and women interested in this line of work, it will be around for many years to come. Engineers have solved the problems of the past and will do so with the dilemmas to come in the future.

