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4/28/16

ENG 1121

Assignment: 1 half of Research Essay

Is Engineering safe?

Jeff Copper once emphasized safety by saying, “Safety is something that happens between your ears, not something you hold in your hands(qtd.in buckeyefirearms.org).” Mechanical Engineering involves the study of how forces interact with a certain body, and using that knowledge to develop new technologies that meet the needs of society. So how would a mechanical engineer approach this new technology? To a mechanical engineer, precision and accuracy is obligatory because many jobs involve creating a product so people may utilize it. In that case, potentially any single flaw can or will affect the person buying the product. Hence, there have been cases in the past where mistakes have led to catastrophic outcomes because an engineer made as much as a single mistake. In essence, safety is extremely crucial to the Mechanical Engineering field and any design flaw or miscalculation of a can result in an accident, such as car accidents.