Safety is the state of being “safe”, the condition of being protected against physical, social, spiritual, financial, political, emotional, occupational, educational or other types of consequences of failure, damage, error, accidents, harm or any other event which could be considered non-desirable. That’s why safety is the main issue of life from every side. Therefore safety engineering should be focused and developed. Our country has laws and regulations about the matter of safety. Also law, no of 27768, describes the safety of employer. Safety is valid for every kind of engineering. Engineers already calculate data for project thus they are safer and economic. By minimizing the margin of error the safest conditions occur. Risk assessments were analyzed by ALOHA, F-N curve, safety matrix, event and fault tree. These applications form the risk section of safety. Risk and the matter of safety should be concentrated in the field of engineering education and safety engineering should even be added to the system as a new branch. On the condition that necessary developments are considered, the loss of work and workers and the number of death can be degraded to the least.