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Employ system safety thinking throughout the lifecycle of a system or service using a broad, systematic imaginative anticipation of safety risks, causes and consequences. Contribute to the development and assessment of safe systems and services by ensuring that proper consideration is given to core safety issues as part of the systems engineering process.

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In a classic system safety engineering program, the system hazard analyses necessary to identify risks are continually performed and those risks are communicated to all segments of the project team and institutional management.

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Modern system safety is comprehensive and is risk based, requirements based, functional based and criteria based with goal structured objectives to

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