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## Epistemology of Engineering Design:

### **Design as activity:** is related to the conceptualization (pre-execution) stages of making new products. Design as activity is usually further organized under “art versus technique” or “form versus function”. Fine art, industrial design (applied art), architecture, and engineering are typical examples of design as activity.

### **Design as planning:** is related to the systematic mental processes prior to actions and conceptualization (pre-execution) stages for planning composing and decision making. While design as activity is more related to professional endeavors like art or engineering, design as planning is more affiliated with management of a wide range of fields from business to military and from hospitals to academy.

### **Design as epistemology:** is related to the synthetic methodologies needed for the mental apprehension of appropriateness for change. Design epistemology is distinct from analytic methodologies, which is crucial to develop scientific initiatives.

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