

## Vehicle Design- Exercise 2

Loosely sketch some basic package concepts based on the functional objectives which drive the architecture. Each sketch should only take a few minutes. Don't worry too much about scale and keep sketching until you have exhausted all the possibilities.

**Focus on the following elements:**

- The occupant package
- Cargo
- Powertrain & Fuel Storage
- Wheels & Tires
- Special features (doors, flexible seating, aerodynamics, alternative body construction, convertible top, etc.)

**Sketch each package concept in at least two orthographic views and add isometric illustrations where necessary.**

Continually revisit the functional objectives to make sure that they are feeding your ideation. Work out which systems are important to the success of the concept and begin to establish a hierarchy. Determine which elements are subordinate and which ones lead.

Sketch as many designs as you can during the given class time. Feel free to do additional sketches at home.