



# REINVENTING THE VEHICLE.

Issued: Fri. Feb. 25, 2016 - Due: Mon. March. 11, 2016  
 AZM University - 202 Basic Design Course II – Spring 2016

## The concept

### Diagram on the idea

This exercise will pick-up the learning environment as a subject of investigation through wide descriptions and observations. Yet, imposing a critical perspective on how we live, work, & play. An assessment of our building as a vehicle of learning will be derived from our observations:

- 1- Questioning the learning investigation environments.
- 2- Creating Diagrams of ideas.
- 3- Learn to conceptualize the observed building environment:
  - **Under two dimensions:** (where each dimension is subservient to another problem to serve it purpose)

### 1- Learning through the vehicle (building)

**Technological artifacts:** Probe a deep & personal understanding of a concept + Transform abstract concept into a spatial/ formal concept

**Macro Studio / Micro Unit:** Develop an understanding the facility of the skill to transform a physical object into an abstract concept + develop an understanding of a building as a vehicle to a social activity on number of levels (functional spatial/ Systems)

### 2- Problem definition: what you invent you probe on a new dimension & new layer of learning

As an outcome the student will acquire the tools:

- learning by doing
- Learning by innovating
- Pushing the envelope
- Stress of green environment
- Invent to experiment to do prototyping
- Integrations will become part of learning
- **Create an environment that promote learning!**
- **Your learning environment becomes your lab!**

### **Week I:**

To draw/ to construct a model of the building without any technical drawings throughout 1 week (work with proportions) perceive the space & transformation to drawing & models.

### **Week II & III:**

Looking into systems:

Imposing the systems:

- Mechanical
- Structural
- circulation (vertical, horizontal)
- spatial organization
- facilities
- orientation (light, wind, urban context, & limitations)

### **Week III:**

assess the adequacy of these systems as a vehicle of learning

## Course Objectives / final presentation (week I)

- set of physical models minimum of 2
- material to be choose by students to better express their interests (hand drawn in ink)
- Plans, Sections, & sketches that depicts a certain concept or the most of the building (exterior, interior)

**Neatness of models & How expressive you are in reflecting the concept of building, will reflect on the student grades.**