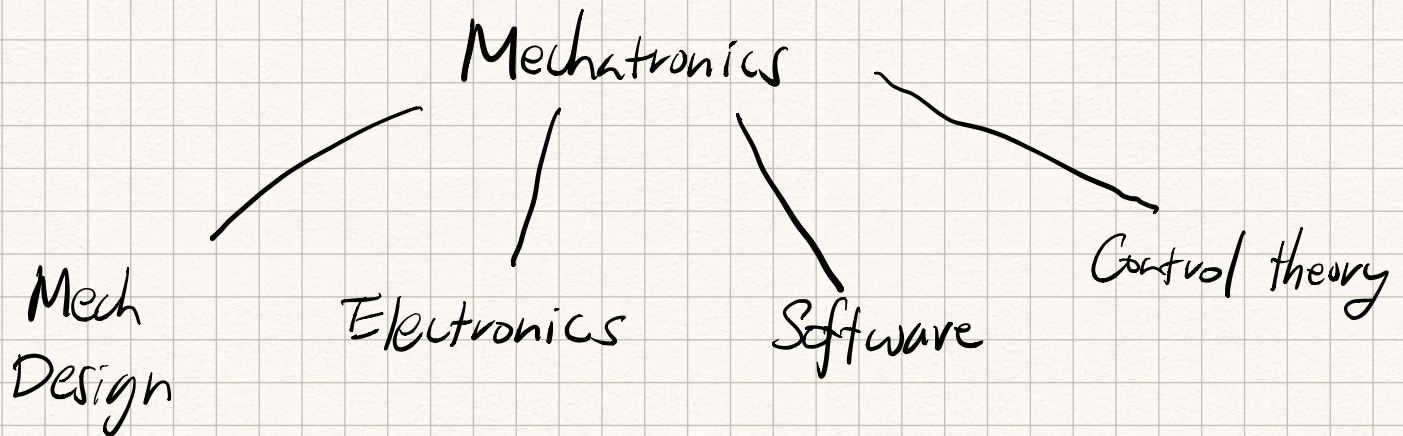


# MECH 423 Mechatronic Product Design

## Lecture #1

Hong Ma

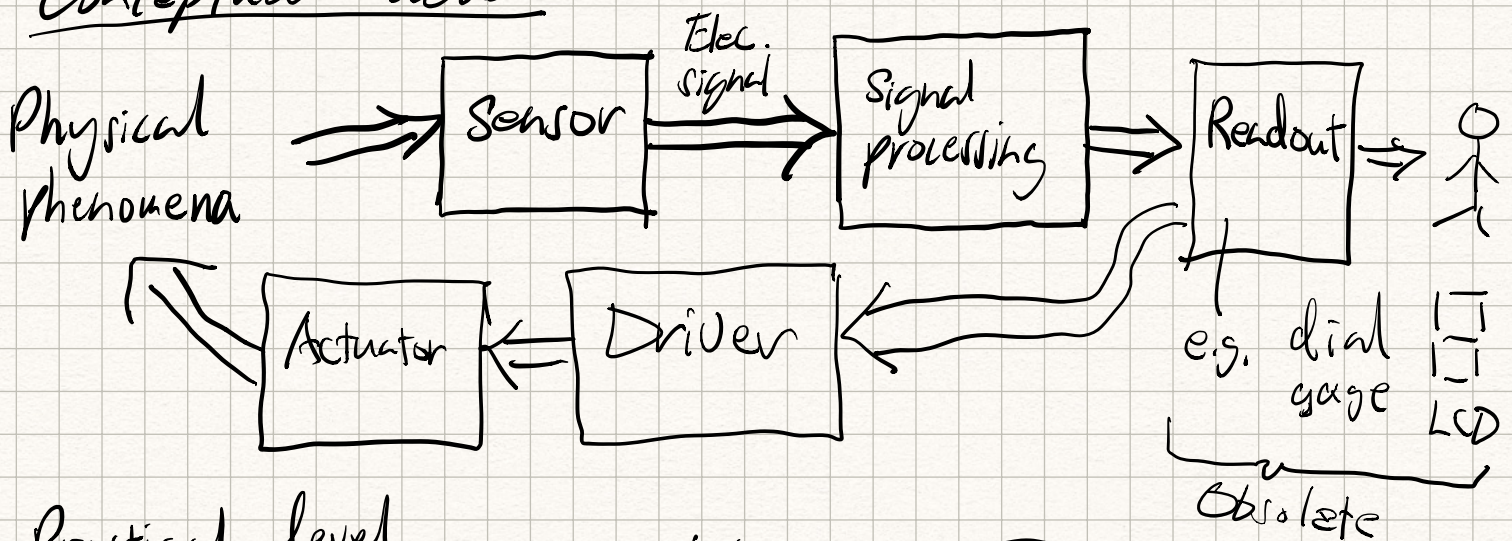


What can mechatronic engineers do?

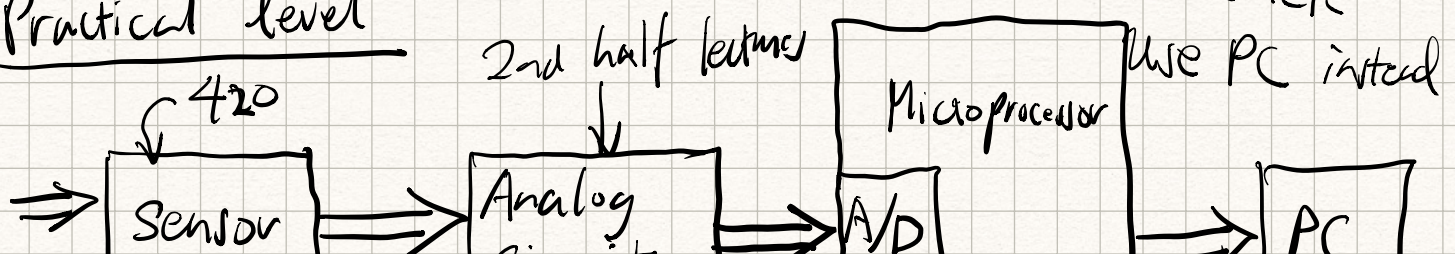
- Machine tool
- Robotics
- Car, air craft, drones
- Mining & oil field
- Consumer electronics
- Health care
- Factory automation

## The Architecture of Mechatronic Systems (= all engineering systems)

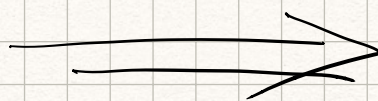
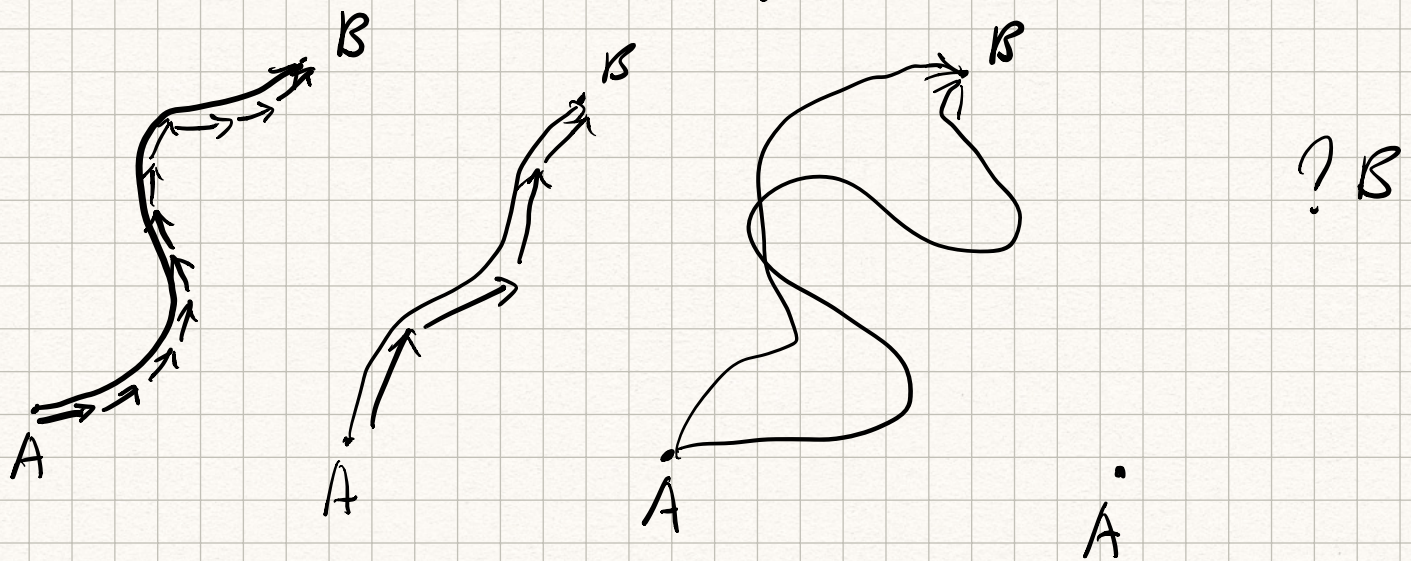
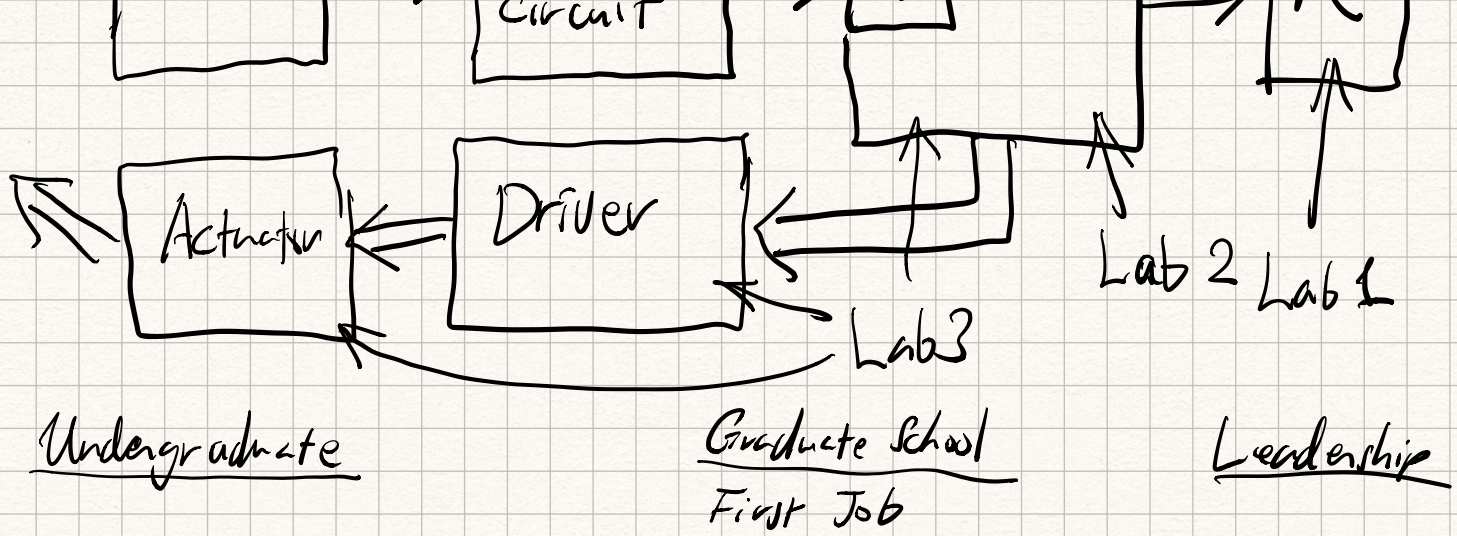
### Conceptual level



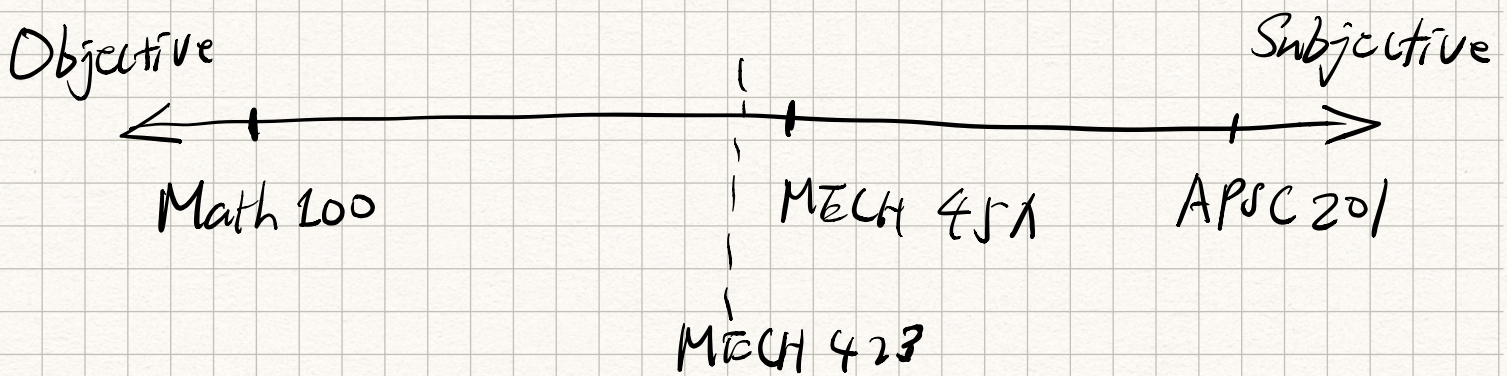
### Practical level



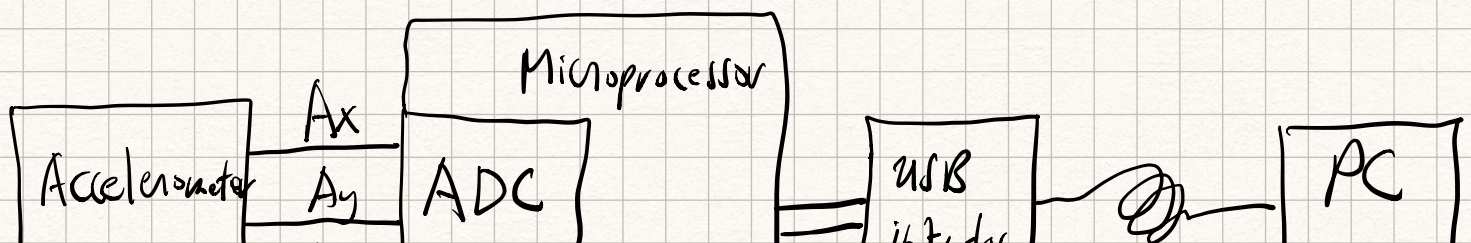




Grading



Lab 1







Data stream : 255, Ax, Ay, Az, 255, Ax, Ay, Az, ...