



# First homework

- Read the texts presented at the course homepage
- Prepare a document (ca. 1 page, use predefined template), detailing your personal objectives and expectations towards the course. Bring out 5-7 important, high-level objectives. Explain also briefly how, in your opinion, these expectations can be met. What topics the course should definitely cover and which topics are for you important professionally (in your work, for example)
- Give an answer to the questions (see the next page) raised during the lecture (ca. 1 page)



## Questions to be answered

- If you have been working with systems development, then please describe these briefly. Why do you call it a system and what makes it a system? Please identify the differences on developing these systems compared to a product development.
- If you have no working experience with systems then choose one arbitrary system and answer to the same questions
- Why and how can application of SE principles reduce cost and schedule overrun?
  - Think about the characteristics of systems: interaction, hierarchical, emergence, dynamic, interdisciplinary, ...
- In which modern systems we can observe similar design principles like in ARPANET? Explain!