- 1. Start from the file specified for your group
- 2. Olli will send production data in an Excel spreadsheet:
  - a. Activity starting date
  - b. Activity finish date or % complete on Friday of the week
  - c. Any days when activity was suspended because of weather etc.
  - d. Responses of subcontractors to your control actions
  - e. Subcontractors will inform you two weeks before they are able to mobilize
- 3. Update the schedule and decide control actions
  - a. Control chart
  - b. Resource calendar
- 4. Discuss control actions and desired start dates to the forum
  - a. Control actions must be spelled out in the body of the e-mail (subs will not look at the schedule)
  - b. Maximum of three control actions a week (limited superintendent time)
  - c. Possible actions:
    - i. Require additional resources (indicate task)
    - ii. Demobilize resources (indicate task)
    - iii. Instruct subcontractor to change sequence
    - iv. Saturday work
    - v. Force subcontractor to mobilize early
  - d. For example: "Add 4 resources to Overhead MEP crew. Split the stud crew to floors 2 and 3"
  - e. Confirming start dates of subcontractors are not control actions. List the desired start dates for each task at the bottom of your forum post for all contractors who have not mobilized yet.
- 5. 3 and 4 will repeat until the project is finished around 30-40 "turns" to complete but the simulation will take 23 turns (3 in tutorial and 2 per working day for two weeks) approximately 8.00 8.30 and 16-16.30, exceptions will be announced.
- 6. Results will be evaluated based on accuracy of monitoring data (50%)
- 7. 50% of evaluation is based on the report:
  - a. How did you decide what to do? Were the team's control actions correct in your opinion? (for each control action)
  - b. What behaviors did the subcontractors exhibit?
  - c. Who was the most problematic subcontractor?
  - d. Who was the bottleneck subcontractor?
  - e. What did you learn?
  - f. How would the game be different if:
    - i. Subcontractors participated in planning and committed to the plan?
    - ii. Controlling was real-time rather than weekly?