



Advanced Modeling for Operations

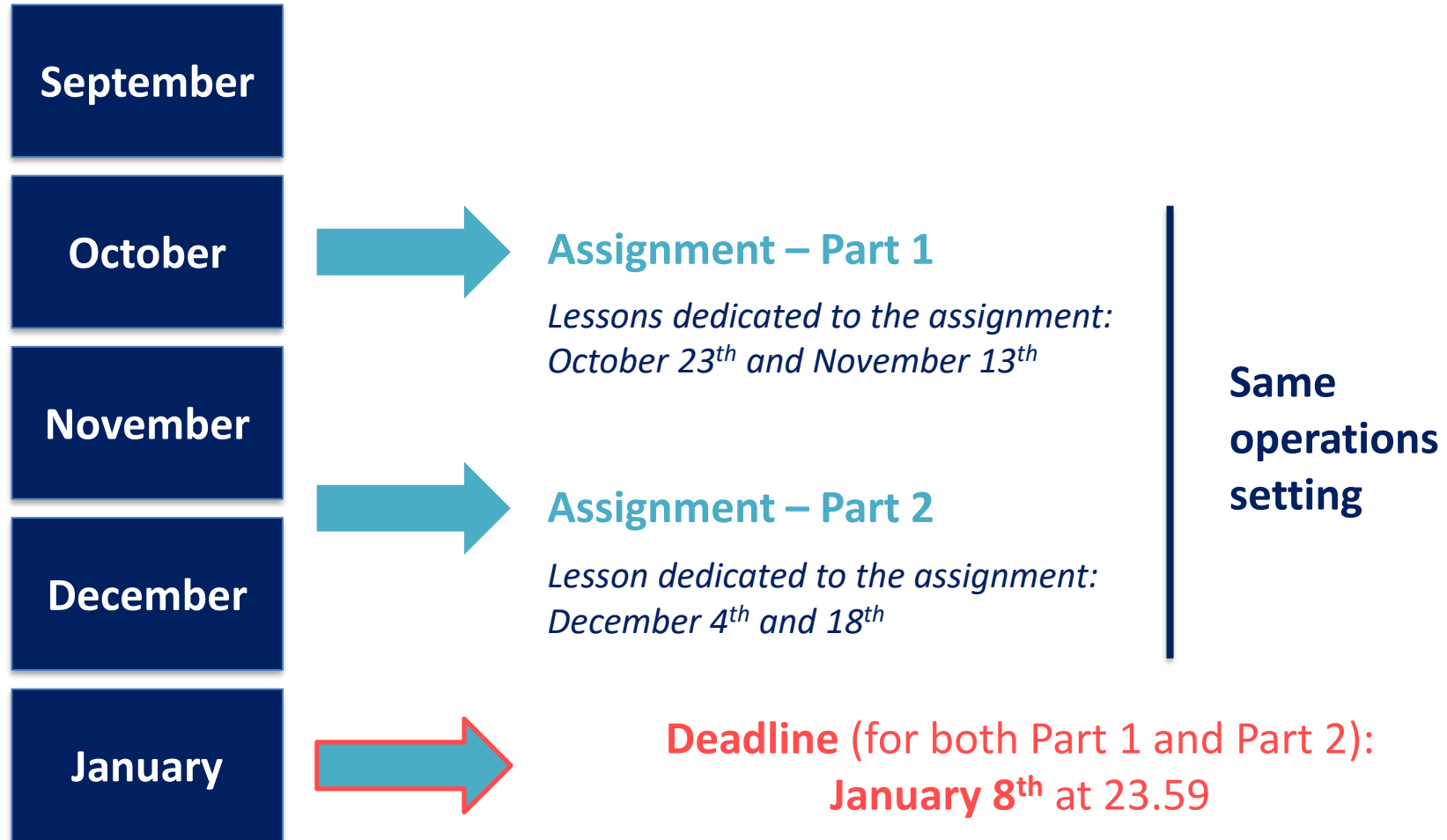
ASSIGNMENT - PART 2



POLITECNICO
MILANO 1863

DIPARTIMENTO DI
INGEGNERIA GESTIONALE

Assignment Timeline



Assignment Task

1. a) Identify a **system performance measure** of interest
b) **Estimate the selected system performance measure** by setting the right number of runs and (if needed) the run length
2. a) Identify a **list of possible factors** to investigate
b) Select the **two most interesting factors**
c) Perform the **ANOVA for the two selected factors**
d) **Analyse and comment** on the results

Assignment Output

- **Power point** presentation of **maximum 15 slides** (title and agenda excluded)
- **Python script**
- **Other files (if needed)**

- Files should be **uploaded on WeBeep (*Assignments* Section)** in a zip folder named **“Group_XX”**, where XX is the group number

Assignment

Evaluation criteria

- **Fulfilment of the requirements (tasks and deadline)**
- **Quality of:**
 - Performance estimation and related motivations
 - Selection of the performance measures and factors and related motivations
 - ANOVA and related comments
- **Originality**
- **Quality of the ppt document** (i.e. sequence of contents, clear description of the work, document readability)

N.B.: after the delivery of the assignment, each student will be asked to fill in a MS Forms to communicate whether all the group members have actively participated

QUESTIONS & ANSWERS

