PDM Scheduling

Floats and Critical Path(s)

➡ So called **total floats**, **free floats** and **critical paths** are obtained from PDM calculations

Free slack in Microsoft Project

➡ **Free float** = the amount of time that an activity can be delayed from its earliest start date without causing a delay to **the earliest dates of subsequent activities**

Total slack in Microsoft Project

➡ **Total float** = the amount of time that an activity can be delayed from its early start date without causing a delay to **the project finish date**

➡ If $TF_{ID} = 0$ then necessarily $FF_{ID} = 0$!

➡ **Critical path** = the sequence of activities which add up to the **longest overall duration**, i.e. which makes the project duration

➡ **Critical activity** = an activity that belongs to a critical path ($TF_{ID} = 0$)