

CEE 536
RESOURCE LEVELING

PROBLEM SET 9

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Fall 2025

November 13, 2025
Due: November 20, 2025

Level the resource profile for the network below using the PACK Algorithm described in the article “Packing Method for Resource Leveling (PACK)” by Professor R.B. Harris.

1. Do the CPM calculations, construct the Location Matrix and the Processing Queue, and show the PACK tables needed to assign each activity to its final location on the time scale.
2. Compute the Resource Improvement Coefficient (RIC) before and after leveling.
3. Draw the network, indicating TF, FF, and the critical activities, and the resource histogram before and after leveling.

