

Al-Farabi Kazakh National University
Faculty of Chemistry and Chemical Technology
Department of Analytical , Colloid Chemistry and Technology of Rare Elements
UPHI7301, UPHT7301 «Project management course for chemistry engineers and technologists»

Plan of practical assignments
Fall term 2021-2022

Week	Title of a topic	Number of hours	Max points
Module 1 – Basics of project management, part 1			
1	Practice 1 "Assignment to project manager and his team" Choosing training project	1	10
2	Practice 2 "Developing organizational structure of training project"	1	5
2	Practice 3 "Finding out external factors affecting project"	1	5
3	Practice 4 "Developing project cycle for training projects"	0.5	10
4	Practice 5 "Building training project mind map"	1	5
5	Practice 6 "Dividing training project into phases"	1	10
Module 2 – Project management subject areas, part 2			
6	Practice 7 "Developing training projects charter"	1	10
7	Practice 8 "Determining training projects stakeholders and filling in matrix "	1	10
8	Practice 9 "Determining training projects HR resources and filing in RACI matrix"	1	10
9	Practice 10 "Developing training projects WBS"	1	10
10	Practice 11 "Developing training project schedule using PDM method"	1.5	10
Module 3 – Project management subject areas, part 3			
11	Practice 12 "Solving problems on earned value method, EVM"	0.5	10
12	Practice 13 "Determining training project risks and performing qualitative risks analysis "	1	10
13	Practice 14 "Determining training project quality defects using Pareto diagram"	1	10
14	Practice 15 "Determining training project procurement needs and filling in procurement plan"	1	5
15	Practice 16 "Determining training project communication needs and filling communication matrix"	1	5