

Northern Technical University

Mosul Polytechnic College

Department of Environment and Water Resources Techniques

Course Directory of the Academic Year 2025-2026

Second Level - First Semester

No.	Course Name	Units	Theoretical Hours	Practical Hours	Course Code
1	Introduction to Hydrology	3	1	2	WRT1241
2	Irrigation and Drainage Networks	4	1	3	WRT1243
3	Introduction to Drainage	3	1	2	WRT1245
4	Modern Irrigation Techniques	3	1	2	WRT1247
5	Fundamentals of Soil Mechanics	3	1	2	WRT1249
6	Wastewater Treatment	3	1	2	WRT1227
7	Drainage Networks	3	1	2	WRT1230
8	Professional Ethics	2	2	---	NTU204
9	Occupational Safety	2		2	MIT203
10	Research Project	2		2	MIT200
		28	9	19	Total Units

Second Level - Second Semester

No.	Course Name	Units	Theoretical Hours	Practical Hours	Course Code
1	Surface Water Hydrology	3	1	2	WRT1242
2	Hydraulic Structures	3	1	2	WRT1244
3	Drainage Network Planning	3	1	2	WRT1246
4	Soil Investigations	3	1	2	WRT1250
5	Drinking Water Filtration	3	1	2	WRT1225
6	Filtration and Treatment Equipment	3	1	2	WRT1231
7	Ba'ath Party Crimes	2	2	--	NTU202
8	English Language	2	2		NTU200
9	Specialized Workshop	3	---	3	MIT201
10	Applied Project	2		2	MIT202
		27	10	17	Total Units