



**Northern Technical University**  
**Kirkuk Technical Institute, Surveying Technologies**



**Second level /first semester**

code	number of units	Number of practical hours	Number of theoretical hours	Course Name	Type of requirement
NTU 200	2	-	2	English Language 2	University requirements
NTU 201	2	-	2	Professional Ethics	
SUT 206	4	2	2	Photogrammetry 2	Department requirements
SUT 202	8	6	2	Plane Surveying	
SUT 203	5	3	2	Engineering Surveying	
SUT 204	5	3	2	Principles of cartography	
SUT 208	2	0	2	Estimation and Specifications	
SUT 205	4	3	1	Global Position system (GPS)	
SUT 207	3	3	0	Computer drawing of map	
	35	20	15	Total number of first semester	



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**Second level /Second semester**

code	number of units	Number of practical hours	Number of theoretical hours	Course Name	Type of requirement
SUT 213	4	2	2	Digital surveying	Department requirements
SUT 209	8	6	2	Geodetic Surveying	
SUT 210	5	3	2	Cadastral surveying	
SUT 211	5	3	2	Design and Preparation of maps	
SUT 215	2	0	2	Quantity Surveying	
SUT 212	4	3	1	Geographical information System (GIS)	
SUT 214	3	3	0	Computer design of roads	
SUT 216	3	3	0	Project	
	34	23	11	Total number of first semester	