

Northern Technical University
Mosul Technical Institute
Agricultural Mechanization Techniques Department
Department Program

About Program

Agricultural Mechanization Department Program aim to prepare a cadre technician who able to work in mechanical, electrical and hydraulic field. In addition, how to use the agricultural machines and its maintenance, and how to manage all functions of these machines. The agricultural machines in terms of design and functions, are important requirements for develop the student as a technician and driver who works in agricultural fields. Our program offers a broad range of educational areas under the topics of subject design, employing and maintenance of agricultural machines.

Duration of Study:

The academic program extends to two years, every year has a part-time (fall and spring semester), and the study program for each year includes:

1. The first academic year includes (18) academic subjects. The fall semester has (9) academic subjects, (2) of them are specialization, (5) assistant and (2) general, with a total of (22) unites per week. The spring semester has (9) academic subjects, (3) of them are specialization, (4) assistant and (2) general with a total of (22) unites per week.
2. The second academic year includes (15) academic subjects. The fall semester has (7) academic subjects, (6) of them are specialization, (1) assistant and with a total of (21) unites per week. The spring semester has (8) academic subjects, (8) of them are specialization, (1) assistant with a total of (22) unites per week.

Medium and Curricula Assessment:

The program have been taught in Arabic with the exception of four subjects taught in English, also the program had a semi semester exam, graduation projects, as well as a final exam and summer training

Graduation Requirements:

The student is required to complete all (33) item with total of (89) units, the graduation project, as well as the summer training as part of obtaining the technical diploma.

Curriculum structure:

- Total Required Curriculum: 33
- First year Curriculum: 18 (9 items in every semester)
- Second Year Curriculum: 15 (8 items in fall semester and 7 items in spring semester)

Educational Curriculum:

Education language	Curriculum Type	Units No.		Hours in Week		First Year Curriculum (fall semester) Curriculum Name
Total English	Specialized	4	Practical 6	4	Theoretical 2	Farm Tractors Workshop
Arabic	Specialized	2	4	4	-	General
Arabic	Assistant	3	5	3	2	Soil Plant Production
Arabic	Assistant	3	4	2	2	Animal Production
Arabic	Assistant	2	4	4	-	Engineering Drawing
Arabic	Assistant	2	3	2	1	Computer Application (A)
Arabic	General	2	2	-	2	Human Rights
Arabic	General	1	1	-	1	English Language
22	34	22		12		Total