

Course Syllabus Description

It gives a summary of the most important properties of the program and the expected learning outcomes that have been attained by the student, and also to prove if the student has attained the high benefit from the existing chances, accompanied with a description of each course included in the program.

1.	The Educational foundation	Northern Technical University
2.	Scientific Department\ Center	Mechanical Techniques Dept., Technical Institute\ Mosul
3.	Name\Code of course	production
4.	Forms of attendance available	1- Weekly lesson schedule (theoretical and practical) 2- Scientific discussions, courses, other extra-curricular activities and scientific conferences
5.	Semester \ year	Yearly (second stage) \ courses system (first stage)
6.	Total number of learning hours	Second stage (10 theoretical-21 practical) First stage: courses system (38 units)
7.	Preparing Date	10/01/2024
8.	The goals of the course	
	1- Teaching and training the student on how to deal with mechanics. 2- Teaching and training the student on how to follow the right steps. 3- Teaching and training the student on how to connect devices and make decisions. 4- Teaching and training the student to integrate practical decisions with studying their case in theory.	
10.	Course outcomes and methods of teaching, learning and assessment	
	A- Cognitive goals: A1- Learn how to collect information for the requirements of the public interest. A2- Familiarity with equipment and laboratories. A3- How to operate and work with laboratory equipment. A4-Following the industrial safety service.	
	B - Skills objectives of the course. B1 - Training the student on all laboratories and the extent of risk. B 2 - Training the student on how to connect devices and conduct experiments. B3 - Training the student on how to care for laboratory equipment and how to deal with it. B4 - It aims to learn the skill of designing and establishing laboratories.	
	Teaching and learning methods	

	Traditional lecture, report writing, seminars, summer training, laboratory training	
	Evaluation methods	
	Daily written and oral exams, semester and final exams, attendance, commitment, student test with previous topics	
	C- Emotional and value goals C1- Education and training on collective participation and voluntary work. C2 - Develop solutions to problems in institutions and how to solve them. C3 - Preparing educational cadres that can be relied upon in state institutions within the specialization. C4 - Creating the requirements of the labor market and raising its economic capacity.	
	Teaching and learning methods	
	Traditional lecture, self-education, deductive reasoning questions, summer training and scientific visits, presentation of scientific films, development courses, seminars and seminars.	
	Evaluation methods	
	Written and oral exams, semester and final exams, daily exams, making and discussing reports in the field of specialization, attendance and commitment.	
	D- Transferred general and qualification skills (other skills related to employability and personal development). D1- Field visits to gain experience. D2- View scientific developments in the field of specialization. D 3- Practical training in state departments.	

11. course structure					
Week	Hours	Required learning outcomes	Unit title\or subject	Teaching methods	Assessment method
1	4	Introduction to the basics mechanics	Basics Mechanics	Lecturer, discussion	Semester exam

12.	Infra structure	
1-	Required course books	Scientific references for the course
2-	Main references	Scientific books in the Free Education department
	A- Recommended books and references (scientific journals, reports,)	Any scientific process concerned with the affairs of mechanics and the newly published scientific developments.
	B- Electronic references, websites...	

13.	Course Development Plan

