

1. Teacher's CV

Name: Mahdi Khider Sadan

Salahaddin University - Hawler

College: engineering

Department: mechanical engineering

Age	46
Certificate	Master
Academic title	Assistant lecturer
General specialization	Mechanical engineering
Specific specialization	Production and Metallurgy
Total years of service	21
Total years of service university	11
Permanent address	Duhok/ kere bacee
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2. The academic background:

Academic Degrees	Position and Year obtained	specialization
BSc	Mosul-30/6/1999	Production and Metallurgy
MSc	Mosul-10/2/2008	Production and Metallurgy
PhD	-	-

3. Subjects will have been taught in Salahaddin University - hawler (20011-2015):

No.	Subject	Titles	Class duration
1	Mathematics	Second class	4 hours
		Matrices	
		Vectors and the Geometry of Space	
		Vector-Valued Function and Motion in Space.	
		Partial Derivatives.	
		Multiply integration	
		Differential equations.	
		Infinite Sequences and Series.	
2	Mathematics	First class	4 hours
		Function and their graphs	
		Trigonometric function	
		Limit and continuity	
		Transcendental function	
		Derivatives	
		Application of derivative	
		Integration	
		Method of integration	
		Application of integration	
		Polar coordinate	
3	Metallurgy - lab.	Second class	6 hours
		Study of metallurgical Microscope	
		Preparation a specimen for metallographic examination	
		Study and drawing of microstructures of steel	
		Study and drawing of microstructures of Cast iron	
		Hardness and Hardness Testing Machines	
		Study of the effect of heat treatments on the mechanical properties of steel articles	
		Determination of Harden ability of Steel by Jominy end Quench test	
4	Strength - lab.	Second class	6 hours
1		Study of tensile test	
2		Impact test	
3		Torsion test	
4		Un axial test	
5		Beam deflection test	

5	Work shop	first class	12 hours
1		Machining	
2		casting	
6	Physics	first class	2 hours
1		Vectors	
2		Motion	

4. Subjects will have been taught in Zakho Technical Institute (2008-2011):

Subject	Department	Stage
Mathematics	Ref. and Air Conditioning	First
Computer application	Ref. and Air Conditioning	First
Auto CAD programming	Ref. and Air Conditioning	Second
engineering drawing	Ref. and Air Conditioning	First
work-shop mechanical	oil	First
work-shop mechanical	Ref. and Air Conditioning	First
work-shop of Ref. and Air Conditioning	Ref. and Air Conditioning	First
<p>5. I did Mechanical engineer in ministry of industry and minerals / Sinjar cement plant from 5/5/2001 to 6/10/2008.</p>		