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Bar code Authentication  
00744517 Certificate 0007  
Account number 163964-8

STUDENT: JOSE ANTONIO SALOMON TAMER

DEGREE: CHEMICAL ENGINEERING

CRS ID	SUBJECTS	SCHOOL PERIOD	CREDITS	GRADES		NOTES
	MANDATORY SUBJECTS					
FI001	UNIVERSITY PHYSICS I AND WORKSHOP	07F	10	9	Nine	
FI006	UNIVERSITY PHYSICS I LABORATORY	07F	2	9	Nine	
MT001	CALCULUS I AND WORKSHOP	07F	10	9	Nine	
QI015	INTRODUCTION TO CHEMICAL ENGINEERING	07F	8	9	Nine	
QM004	PROBLEM SOLVING WORKSHOP	07F	2	9	Nine	
QM013	GENERAL CHEMISTRY	07F	8	10	Ten	
QM021	GENERAL CHEMISTRY LABORATORY	07F	2	9	Nine	
FI005	UNIVERSITY PHYSICS 2 AND WORKSHOP	08S	10	8	Eight	
FI007	UNIVERSITY PHYSICS 2 LABORATORY	08S	2	9	Nine	
MT004	CALCULUS II AND WORKSHOP	08S	10	9	Nine	
MT010	LINEAR ALGEBRA	08S	8	10	Ten	
QM001	ANALYTICAL CHEMISTRY	08S	8	10	Ten	
QM015	ORGANIC CHEMISTRY I	08S	8	8	Eight	
QM025	ANALYTICAL CHEMISTRY LABORATORY	08S	2	9	Nine	
MT024	CALCULUS III	08F	8	10	Ten	
QI006	COMPUTING APPLIED TO CHEMICAL PROCESSES	08F	8	9	Nine	
QI028	MASS AND ENERGY BALANCES	08F	8	8	Eight	

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TEACHER ROBERTO SERNA HERRERA

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QM002	INSTRUMENTAL ANALYSIS AND WORKSHOP	08F	6	9	Nine	
QM003	CHEMICAL THERMODYNAMICS	08F	10	8	Eight	
QM018	ORGANIC CHEMISTRY II	08F	8	8	Eight	
MT012	APPLIED PROB. AND STAT. WORKSHOP	09S	10	9	Nine	
QI016	BALANCES AND CHEMICAL THERMODYNAMICS LAB.	09S	2	9	Nine	
QI024	TRANSPORT PHENOMENON I	09S	8	9	Nine	
QI034	PHYSICAL BALANCE	09S	8	8	Eight	
QM009	APPLIED ORGANIC CHEMISTRY LAB.	09S	4	9	Nine	
QI012	CHEMICAL BALANCE AND KINETICS	09F	8	6	Six	
QI025	FLUIDS FLOW	09F	8	9	Nine	
QI026	HEAT TRANSFERENCE	09F	8	9	Nine	
QM014	INORGANIC CHEMISTRY I	09F	8	8	Eight	
QM022	INORGANIC CHEMISTRY I LABORATORY	09F	2	8	Eight	
QI008	MATERIALS' ENGINEERING	10S	8	8	Eight	
QI009	BASIS OF ENVIRONMENTAL ENGINEERING	10S	8	8	Eight	
QI017	SEPARATION PROCESSES I	10S	8	9	Nine	
QI018	UNIT OPERATIONS LABORATORY	10S	2	9	Nine	
QI033	THERMODYNAMICAL BALANCES LAB.	10S	2	8	Eight	
QI003	KINETICS AND REACTORS LABORATORY	10F	2	9	Nine	
QI005	CHEMICAL PLANTS INVESTMENT PROJECTS	10F	8	8	Eight	
QI027	SEPARATION PROCESSES IN EQ STAGES	10F	8	9	Nine	
QI036	REACTORS ENGINEERING	10F	8	9	Nine	
AE015	CORPORATE MISSION	11F	8	10	Ten	
QI001	DYNAMICS AN PROCESSES CONTROL	11F	8	8	Eight	
QI002	DYNAMICS AND CONTROL LABORATORY	11F	2	7	Seven	
QI014	INDUSTRIAL STAY	11F	4	AC	Accredited	
QI029	PLANT OPERATION	11F	8	8	Eight	
QI031	SEPARATION PROCESSES LABORATORY	11F	2	9	Nine	
QI020	DESIGN AND PROCESSES ENGINEERING	12S	8	9	Nine	
QI035	ENVIRONMENTAL ENGINEERING	12S	8	9	Nine	
QI038	ENVIRONMENTAL ENGINEERING LABORATORY	12S	2	8	Eight	
SS100	PROFESSIONAL PRACTICE AND SOCIAL WORK ELECTIVE SUBJECTS	12S	16	AC	Accredited	
QM026	BIOCHEMISTRY I	09S	8	9	Nine	
EN004	GENERAL ECONOMY	09F	8	9	Nine	

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DEGREE: CHEMICAL ENGINEERING

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QI021	NEW PRODUCTS DEVELOPMENT	10S	8	8	Eight	
QI004	ELECTROCHEMICAL PROCESSES AND CORROSION	10F	8	9	Nine	
AE002	SERVICES MARKETING	11F	8	10	Ten	
RD003	HUMAN FACTOR MANAGEMENT	11F	8	9	Nine	
QI022	BIOCHEMICAL ENGINEERING	12S	8	9	Nine	
QM011	POLYMERIC MATERIALS	12S	8	9	Nine	
IA044	PROCESSES IN FOOD INDUSTRY	12SU	8	10	Ten	
QI011	SELECT SUBJECTS IN PROCESSES ENGINEERING	12SU	8	9	Nine	
	EDUCATION SUBJECTS FOR BACHELOR'S DEGREE					
RU101	PERSON AND HUMANISM	09F	8	10	Ten	
RU404	INTERPERSONAL RELATION	10S	8	10	Ten	
RU304	MAN AND HIS DEATH	10F	8	9	Nine	
RU204	MEXICO'S NATIVE HERITAGE	12S	8	9	Nine	
NOTE: The DEGREE	COMPLETELY COVERS THE SUBJECTS AND MINIMUM CREDITS IN CHEMICAL ENGINEERING	REQUIRED	TO APPLY	FOR THE	BACHELOR	

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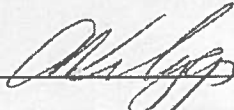
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I hereby certify that this is an accurate translation of the original document exhibited to me



Araceli Velázquez  
Translator, Universidad Iberoamericana





#### STUDY PERIODS:

SPRING

SUMMER

FALL

#### CREDITS

1 HOUR THEORY/WEEK/SEMESTER = 2 CREDITS

1 HOUR PRACTICE/WEEK/SEMESTER = 1 CREDIT

#### GRADING SCALE (AS OF 1979)

- 10 EXCELLENT
- 9 VERY GOOD
- 8 GOOD
- 7 AVERAGE
- 6 SATISFACTORY (MINIMUM PASSING GRADE)

*(Note: the following information does not form part of the original document)*

THE AMERICAN APPROXIMATE EQUIVALENTS OF THE ABOVE IBERO GRADES ARE AS FOLLOWS:

IBERO		AMERICAN SYSTEM	
10	=	4	= A+, (95 - 100)
9.5	=	4	= A (90 - 94.9)
9	=	3.7	= A- (85 - 89.9)
8.5	=	3.3	= B+ (80 - 84.9)
8	=	2.7 to 3.0	= B, B- (75 - 79.9)
7.5	=	2.0 to 2.3	= C+, C (70 - 74.9)
7	=	1.7	= C- (65 - 69.9)
6.5	=	1.3	= D+ (60.1 - 64.9)
6	=	1	= D (60)
5.9	=	0	= F (59 and below)
AC	=	Accreditation	

\* 2 IBERO credits = 2 hours of classroom instruction plus 2 hours personal study per week.

\* A class that is worth 8 credits comprises 4 hours of lectures per week