

STUDENT ID NUMBER:

DOB: 02/01/58

PAGE: 1

DEGREES AWARDED BY THE UNIVERSITY OF TEXAS AT AUSTIN:

DEGREE: BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING
DATE: AUGUST 20, 1979
MAJOR: CHEMICAL ENGINEERING WITH HONORS

DEGREE: MASTER OF SCIENCE IN ENGINEERING
DATE: MAY 21, 1983
MAJOR: CHEMICAL ENGINEERING

DEGREE: DOCTOR OF PHILOSOPHY
DATE: MAY 18, 1985
MAJOR: CHEMICAL ENGINEERING

HIGH SCHOOL: KASHMERE HIGH SCHOOL
HOUSTON TX

CLASS OF 1975

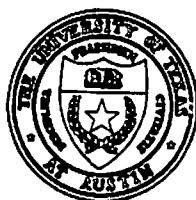
DATE	ORIGINAL COURSE DESIGNATION	GR/CR	UT EQUIVALENT
SUMMER, 1979	MMS 3360 PROB STAT N-MAJ	A 3	M ADV 3
SUMMER, 1979	MMS 3318 LINEAR ALGEBRA	B 3	M 311 3

TOTAL HOURS TRANSFERRED: 6

COURSEWORK UNDERTAKEN AT THE UNIVERSITY OF TEXAS

SEMESTER	COURSE	CREDIT	GRADE	PTS	GPA
FALL SEMESTER 1975	E 306 RHETORIC & COMPOSITION	3.0	CR		
	SPN 406 BEGINNERS SPANISH	4.0	A		
	SPN 407 INTERMEDIATE SPANISH	4.0	CR		
	CH 301 INTRODUCTORY CHEMISTRY	3.0	CR		
FALL SEMESTER 1975	E 307 LITERATURE & COMPOSITION-SPEC	3.0	B		
	CH 302 PRINCIPLES OF CHEMISTRY	3.0	B		
	M 608EA CALCULUS WITH ANLY GEOM	3.0	A		
	PHY 403K ENGINEERING PHYSICS I	4.0	B		
	PSY 319K SOCIAL PSYCHOLOGY	3.0	A		
	HRS UNDERTAKEN 16 HRS PASSED 16 GPA HRS 16 GR PTS 54 GPA 3.3750				
SPRING SEMESTER 1976	CH 204 INTRODUCTION CHEMICAL PRACTICE	2.0	A		
	M 608EB CALCULUS-ANLY GEOM II	3.0	A		
	PHY 403L ENGINEERING PHYSIC II	4.0	B		
	HIS 315K UNITED STATES 1492-1865	3.0	C		
	P I 107L GYMNASTICS-BEG-MEN	1.0	A		
	CHE 202 INTRO TO ENGINEERING	2.0	A		
HRS UNDERTAKEN 15 HRS PASSED 15 GPA HRS 15 GR PTS 50 GPA 3.3333					
SUMMER SESSION 1976	GDV F310L AMERICAN GOVERNMENT	3.0	A		
	GOV S312L ISS & POL-AMER FOREIGN RELATNS	3.0	B		
	HIS F315L UNITED STATES SINCE 1865	3.0	Q		
	HRS UNDERTAKEN 6 HRS PASSED 6 GPA HRS 6 GR PTS 21 GPA 3.5000				

MORE WORK ON NEXT PAGE



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FALL SEMESTER 1976 ENGINEERING
 E 317 TECHNICAL WRITING-SCI MAJORS 3.0 B
 CH 618A ORGANIC CHEMISTRY 3.0 A
 CH 118K ORGANIC CHEMISTRY LABORATORY 1.0 B
 M 325 CALCULUS III 3.0 A
 E M 314 MECHANICS 3.0 A
 HRS UNDERTAKEN 13 HRS PASSED 13 GPA HRS 13 GR PTS 48
 GPA 3.6923

SPRING SEMESTER 1977 ENGINEERING
 CH 618B ORGANIC CHEMISTRY 3.0 B
 CH 118L ORGANIC CHEMISTRY LABORATORY 1.0 B
 M 427K ADV CALCULUS FOR APPL I 4.0 B
 CHE 317 INDUSTRIAL CHEM CALCULATIONS 3.0 B
 DRW 201 ENGINEERING DRAWING 2.0 A
 HRS UNDERTAKEN 13 HRS PASSED 13 GPA HRS 13 GR PTS 41
 GPA 3.1538

FALL SEMESTER 1977 ENGINEERING
 E 314K INTRODUCTION TO LITERATURE I 3.0 A
 CH 353 PHYS CHEM-FOR CHEM,CHE OR PHY 3.0 B
 HIS 315L UNITED STATES SINCE 1865 3.0 B
 CHE 453 TRANSPORT PHENOMENA 4.0 A
 E E 331 ELEC CIRCUITS & MACHINERY 3.0 C
 HRS UNDERTAKEN 16 HRS PASSED 16 GPA HRS 16 GR PTS 52
 GPA 3.2500

SPRING SEMESTER 1978 ENGINEERING
 CH 153K PHYSICAL CHEMISTRY LABORATORY 1.0 Q
 CH 354L PHYSICAL CHEMISTRY 3.0 A
 CHE 322 THERMODYNAMICS 3.0 B
 CHE 454 UNIT OP I-FLD FLO HEAT MASS TR 4.0 A
 CHE 363K POLYMER PROCESSING 3.0 B
 HRS UNDERTAKEN 13 HRS PASSED 13 GPA HRS 13 GR PTS 46
 GPA 3.5384

SUMMER SESSION 1978 ENGINEERING
 CH F153K PHYSICAL CHEMISTRY LAB 1.0 A
 CHE S253M CHEM ENGR FUNDAMENTALS LAB 2.0 A
 HRS UNDERTAKEN 3 HRS PASSED 3 GPA HRS 3 GR PTS 12
 GPA 4.0000

FALL SEMESTER 1978 ENGINEERING
 CH 331 INDRGANIC CHEMISTRY 3.0 A
 CHE 363 UNIT OPER II-SEPARATN PROCESS 3.0 A
 CHE 372 CHEMICAL REACTOR DESIGN 3.0 A
 CHE 379 COMPUTER APPLICATIONS IN CHE 3.0 A
 HRS UNDERTAKEN 12 HRS PASSED 12 GPA HRS 12 GR PTS 48
 GPA 4.0000

SPRING SEMESTER 1979 ENGINEERING
 CHE 350 CHEM ENGR MATERIALS 3.0 C
 CHE 264 CHE PROCESS & PROJECTS LAB 2.0 C
 CHE 373K PROCESS AND PLANT DESIGN 3.0 B
 CH 354 PHYSICAL CHEM-INTRO QUAN MECH 3.0 B
 CH 154K PHYSICAL CHEMISTRY LABORATORY 1.0 B
 HRS UNDERTAKEN 12 HRS PASSED 12 GPA HRS 12 GR PTS 31
 GPA 2.5833

MORE WORK ON NEXT PAGE



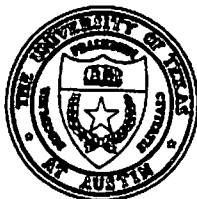
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SUMMER SESSION 1979		ENGINEERING						
ABS		IN ABSENTIA						0.0
FALL SEMESTER 1979		GRADUATE SCHOOL						
CHE 384		ADV CHE ANALYSIS						3.0 A
CHE 384		INTRODUCTION TO RESEARCH						3.0 A
CHE 384		TRANSPORT SEMINAR						3.0 A
CHE 387K		ADVANCED THERMODYNAMICS						3.0 B
CHE 390		PROCESS RATES						3.0 B
HRS UNDERTAKEN	15	HRS PASSED	15	GPA HRS	15	GR PTS	54	GPA 3.6000
SPRING SEMESTER 1980		GRADUATE SCHOOL						
CHE 384		INTRODUCTION TO RESEARCH						3.0 A
CHE 385M		SURFACE PHENOMENA						3.0 A
CHE 698A		THESIS						3.0 *
CH 390L		ADV ANLY-ELECTROCHEM METHODS						3.0 A
HRS UNDERTAKEN	12	HRS PASSED	9	GPA HRS	9	GR PTS	36	GPA 4.0000
SUMMER SESSION 1980		GRADUATE SCHOOL						
CHE W684		INTRODUCTION TO RESEARCH						6.0 A
M E N381Q		NONEQUILIBRIUM THERMODYNAMICS						3.0 (X) A
HRS UNDERTAKEN	9	HRS PASSED	9	GPA HRS	9	GR PTS	36	GPA 4.0000
FALL SEMESTER 1980		GRADUATE SCHOOL						
CHE 685		RESEARCH						6.0 A
M 364K		VECTOR & TENSOR ANALYSIS I						3.0 A
HRS UNDERTAKEN	9	HRS PASSED	9	GPA HRS	9	GR PTS	36	GPA 4.0000
SPRING SEMESTER 1981		GRADUATE SCHOOL						
PED 105T		JUDO-BEG						1.0 CR
CHE 384		TRANSPORT SEMINAR						3.0 A
CHE 685		RESEARCH						6.0 A
CH 392N		PHY CHEM OF MACROMOLECULAR SYS						3.0 CR
HRS UNDERTAKEN	13	HRS PASSED	12	GPA HRS	9	GR PTS	36	GPA 4.0000
SUMMER SESSION 1981		GRADUATE SCHOOL						
CHE N384		ADV TOPICS IN MEMBRANES						3.0 A
CHE W384		INTRODUCTION TO RESEARCH						3.0 A
CHE N387M		MASS TRANSFER						3.0 B
HRS UNDERTAKEN	9	HRS PASSED	9	GPA HRS	9	GR PTS	33	GPA 3.6666
FALL SEMESTER 1981		GRADUATE SCHOOL						
CHE 384		TRANSPORT SEMINAR						3.0 A
CHE 684		INTRODUCTION TO RESEARCH						6.0 A
HRS UNDERTAKEN	9	HRS PASSED	9	GPA HRS	9	GR PTS	36	GPA 4.0000
SPRING SEMESTER 1982		GRADUATE SCHOOL						
CHE 384		INT TO RSCH: TRANSPORT SEMINAR						3.0 A
CHE 384		INTRODUCTION TO RESEARCH						3.0 A
M E 374S		SOLAR ENERGY						3.0 A

MORE WORK ON NEXT PAGE



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CONTINUE SPRING SEMESTER 1982 GRADUATE SCHOOL
 PEN 387 SECOND RECOVERY OF PETROLEUM 3.0 B
 HRS UNDERTAKEN 12 HRS PASSED 12 GPA HRS 12 GR PTS 45 GPA 3.7500

SUMMER SESSION 1982 GRADUATE SCHOOL
 CHE N384 MEMBRANE SCI AND ENG 3.0 A
 CHE W684 INTRODUCTION TO RESEARCH 6.0 A
 HRS UNDERTAKEN 9 HRS PASSED 9 GPA HRS 9 GR PTS 36 GPA 4.0000

FALL SEMESTER 1982 GRADUATE SCHOOL
 CHE 699W DISSERTATION 6.0 *
 CH 397S ADV CHEM-INTERFACIAL PHENOM 3.0 CR
 HRS UNDERTAKEN 9 HRS PASSED 3 GPA HRS 0 GR PTS 0 GPA 0.0000

SPRING SEMESTER 1983 GRADUATE SCHOOL
 CHE 384 INT TO RSCH: RESEARCH SEMINAR 3.0 A
 CHE 685 RESEARCH 6.0 A
 HRS UNDERTAKEN 9 HRS PASSED 9 GPA HRS 9 GR PTS 36 GPA 4.0000

SUMMER SESSION 1983 GRADUATE SCHOOL
 CHE W699R DISSERTATION 6.0 A
 AST F103L ASTRONOMICAL OBSERVATIONS 1.0 CR
 HRS UNDERTAKEN 7 HRS PASSED 0 GPA HRS 0 GR PTS 0 GPA 0.0000

FALL SEMESTER 1983 GRADUATE SCHOOL
 CHE 699R DISSERTATION 6.0 *
 M 393C MATHEMATICAL PHYSICS 3.0 A
 HRS UNDERTAKEN 9 HRS PASSED 3 GPA HRS 3 GR PTS 12 GPA 4.0000

SPRING SEMESTER 1984 GRADUATE SCHOOL
 CHE 384 INT TO RSCH: TRANSPORT SEMINAR 3.0 A
 CHE 999R DISSERTATION 9.0 *
 HRS UNDERTAKEN 12 HRS PASSED 3 GPA HRS 3 GR PTS 12 GPA 4.0000

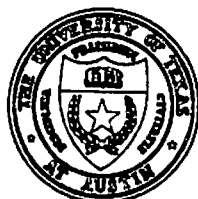
SUMMER SESSION 1984 GRADUATE SCHOOL
 CHE W385 RESEARCH 3.0 A
 CHE W699R DISSERTATION 6.0 *
 HRS UNDERTAKEN 9 HRS PASSED 3 GPA HRS 3 GR PTS 12 GPA 4.0000

FALL SEMESTER 1984 GRADUATE SCHOOL
 CHE 384 PROCESS SEMINAR 3.0 A
 CHE 999W DISSERTATION 9.0 *
 HRS UNDERTAKEN 12 HRS PASSED 3 GPA HRS 3 GR PTS 12 GPA 4.0000

SPRING SEMESTER 1985 GRADUATE SCHOOL
 CHE 699W DISSERTATION 6.0 A
 HRS UNDERTAKEN 6 HRS PASSED 0 GPA HRS 0 GR PTS 0 GPA 0.0000

CUMULATIVE TOTALS EARNED AS AN UNDERGRADUATE STUDENT AT U.T. AUSTIN
 HRS UNDERTAKEN 133 HRS PASSED 133 GPA HRS 123 GR PTS 419 GPA 3.4065

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CUMULATIVE TOTALS EARNED AS A GRADUATE STUDENT AT U.T. AUSTIN
HRS UNDERTAKEN 170 HRS PASSED 117 GPA HRS 111 GR PTS 432 GPA 3.8918

*** END OF TRANSCRIPT ***

TASP SCORES

OUR RECORDS INDICATE THE FOLLOWING TASP INFORMATION:
STATUS: EXEMPT PREVIOUS EDUCATION
AREAS: NO SCORES



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