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 CINCINNATI OHIO 45211
 BIRTH DATE: 08-48 PLACE:
 ENTERED U. C. FROM:
 ENTRANCE DATE: AUTUMN QTR 67 I. D. No. 82948 272-44-1887

U. C. COLLEGE: ENGINEERING GRADUATE
 FACULTY ACTIONS (for the student's academic Quarter immediately following the date of the action unless stated otherwise):
 DEGREES: B S CH E CHEM ENGR DATE: 6/13/71
 M S CHEM ENGG
 OFFICE OF SECRETARY OF REG & SERVICE
 BRANCH: 8/23/74
 TRANSCRIPTS
 DOCKETED
 95 JUL 28 P4:02

Key to Calendar, Credits, and Grading System. The Summer and Autumn Quarters are 10 weeks (including examinations) and the Winter and Spring Quarters are 11 weeks (including examinations). One credit represents one 50 minute lecture per week for one Quarter or the equivalent. Undergraduate Grading System: (grade-description-quality points) A-Excellent-4, B-Good-3, C-Fair-2, D-Poor-1, F-Failure-0, E-Condition-0, I-Incomplete-0, R-Absence-C, G-Official Withdrawal, Failing-0, Y-Unofficial Withdrawal-0, W-Official Withdrawal-none, S-Satisfactory, Passing-none, U-Unsatisfactory-none, T-Audit-none, N-No Grade Reported-none. All undergraduate colleges require a C average for graduation. The awarding of a grade is based upon required subjects rather than upon credits. Graduate Grading System: A-Excellent, Work of Exceptional Quality; B-Good, Work of Commendable Quality; C-Fair, Work of Acceptable But Not Distinguished Quality; F-Unsatisfactory; I-Incomplete; W-Withdrawn; T-Audit; N-No Grade Reported.

College Code: 14-Graduate School (16 for graduate work in the College-Conservatory of Music, 18 for graduate work in education), 15-Arts and Sciences, 16-College-Conservatory of Music, 17-University College, 18-Education, 19-Home Economics, 20-Engineering, 22-Business Administration, 23-Design, Architecture, and Art, 24-Law, 25-Pharmacy, 26-Medicine, 27-University College, Princeton Center, 29-Nursing and Health, 30-Evening, 31-Summer School. GR after credit hours—graduate credit.

This copy becomes an official transcript when sealed and initialed by the Registrar or his representative.

Coll. No.	Area	Course No.	Course Title	Credit Hours	Grade	Quality Points
			ADVANCED PLACEMENT PROGRAM ACTIONS 1966-67			
15	PHYSICS	101	COLLEGE PHYSICS LEC.	3		
15	PHYSICS	102	COLLEGE PHYSICS LEC.	3		
15	PHYSICS	111	COLLEGE PHYSICS LAB.	2		
15	PHYSICS	112	COLLEGE PHYSICS LAB.	2		
			AUTUMN QTR 1966-67			
1	ENGLISH	101	FRESHMAN ENGLISH	3	C	6
15	CHEM	121	GEN CHEMISTRY I	3	A	12
15	CHEM	131	GEN CHEM LAB I	1	A	4
20	MATH	170	MATH ANALYSIS	3	A	12
20	MATH	221	CALC ANAL GEOM I	4	A	16
20	EN GR	171	GRAPHICS I	3	B	9
CUM HR C		17.0	HR E 17.0 QP	59.0	AV	3.4706
	DEANS LIST		3.4706			
			WINTER QTR 1966-67			
15	ENGLISH	102	FRESHMAN ENGLISH	3	B	9
15	CHEM	122	GEN CHEMISTRY II	3	A	12
15	CHEM	132	GEN CHEM LAB II	3	A	12
20	MATH	222	CALC ANAL GEOM II	5	A	20
20	EN SC	111	MECHANICS I	4	C	8
20	EN GR	172	GRAPHICS II	3	A	12

STUDENT ACADEMICALLY ELIGIBLE TO RE-ENROLL UNLESS OTHERWISE INDICATED. ONLY ACADEMIC INFORMATION INCLUDED.

Coll. No.	Area	Course No.	Course Title	Credit Hours	Grade	Quality Points
			SPRING QTR 1966-67			
15	ENGLISH	103	FRESHMAN ENGLISH	3	B	9
15	CHEM	123	GEN CHEMISTRY III	3	A	12
15	CHEM	133	GEN CHEM LAB III	1	A	4
20	MATH	223	CALC ANAL GEOM III	5	B	15
20	EN SC	112	MECHANICS II	4	A	16
CUM HR C		54.0	HR E 54.0 QP	188.0	AV	3.4815
	DEANS LIST		3.5000			
			SUMMER QTR 1966-67			
20	MATH	224	CALC ANAL GEOM IV	5	D	5
20	EN SC	113	MECHANICS III	4	B	12
20	EN SC	373	NAT PROP OF MAT	4	B	12
20	EN GR	273	DIGITAL COMPT PROG	1	D	1
31	PHYSICS	202	GENERAL PHYSICS II	5	B	15
CUM HR C		73.0	HR E 73.0 QP	233.0	AV	3.1918

Area	Course No.	Course Title	Credit Hours	Grade	Quality Points
WINTER QTR 1967-68					
20	CO ORD 099	CO-CP WCRK	0	S	
20	CC CRC 202	INTRO PROF PRACT I	1	A	4
20	MATH 272	DIFFNTL ECLATIONS	3	B	9
20	PHYSICS 203	GEN PHYSICS III	5	D	5
20	CHEM EN 241	INT TO CHEM ENGR	4	A	16
20	MET EN 271	INT TO METALLURGY	4	A	16
CUM HR C	90.0	HR E 90.0 QP 2	33.0	AV	3.1444
SUMMER QTR 1967-68					
20	CO ORD 099	CO-CP WORK 2	0	S	
20	MATH 278	PROBLTY & STATIS	4	D	4
2	EN SC 381	BASIC THERMDYNIMCS	4	C	8
20	EN GR 173	GRAPHICS III	3	B	9
31	CHEM 261	CHEMICAL ANALYSIS	3	D	3
31	CHEM 271	CHEM ANALYSIS LAB	3	B	9
CUM HR C	107.0	HR E 107.0 QP 3	16.0	AV	2.9533
AUTUMN QTR 1968-69					
30	HISTORY 104	AMER HISTORY	2.0	B	6.0
WINTER QTR 1968-69					
20	CO ORD 099	PROF PRACT ASSIGNMT	0.0	S	
20	MATH 276	LINEAR ALGEBRA	3.0	C	6.0
20	EN SC 383	BASIC FLUID MECH	4.0	B	12.0
20	CHEM EN 342	ENERGY BALANCES	3.0	A	12.0
2	CHEM EN 372	CHEM THERMODYNAMIC	5.0	A	20.0
CUM HR C	122.0	HR E 122.0 QP 3	66.0	AV	3.0000
WINTER QTR 1968-69					
30	HISTORY 105	AMER HISTORY	2.0	C	4.0
SPRING QTR 1968-69					
30	HISTORY 106	AMER HIST	2.0	C	4.0
SUMMER QTR 1968-69					
20	PROF PR 099	PROF PRACT ASSIGNMT	0.0	S	
20	EN SC 372	BASIC ELECTRIC NTKK	4.0	C	8.0
20	EN SC 385	BASIC HEAT TRANSFR	3.0	B	9.0
20	CHEM EN 471	EQUILIBRIUM PROC	5.0	C	10.0
31	ENGLISH 201	AMERICAN TRADITION	3.0	S	
31	PHYSICS 273	INT MODERN PHYSICS	4.0	C	8.0

Coll. No.	Area	Course No.	Course Title	Credit Hours	Grade	Quality Points
WINTER QTR 1969-70						
15	ENGLISH 202		SURVEY OF AMER LIT	3.0	N	
20	PROF DV 099		PROF PRACT ASSIGNMT	0.0	S	
20	NUCL EN 597		INTRO TO NUCL ENGR	3.0	A	12.0
20	CHEM EN 373		STRUC OF MATTER	3.0	C	6.0
20	CHEM EN 450		ORGANIC STRU PROC I	5.0	B	15.0
20	CHEM EN 472		TRANSPORT ANALYSIS	4.0	B	12.0
20	CHEM EN 482		CHEM ENGG LAB I	1.0	A	4.0
SPRING QTR 1969-70						
30	PSYCH 171		PRIN PSYCHOL	6.0	A	24.0
SUMMER QTR 1969-70						
20	PROF DV 099		PROF PRACT ASSIGNMT	0.0	S	
20	PROF DV 502		INTR PROFL PRAC II	1.0	B	3.0
20	NUCL EN 601		NUCLEAR REACTOR TH	3.0	A	12.0
20	NUCL EN 604		REACTOR ENGINEERING	3.0	A	12.0
20	CHEM EN 473		CHEM RATE PROCES	4.0	C	8.0
20	CHEM EN 491		TRANS OPERTN DES	4.0	B	12.0
31	ECON 451		PRIN OF ECON I	3.0	C	6.0
ADVANCED STANDING: U C EVENING COLLEGE 1968-69 FOR U C COLLEGE OF ENGINEERING 12 HOURS APPLICABLE						
WINTER QTR 1970-71						
15	PSYCH 142		INTRO PSYCHOLOGY	3.0	A	12.0
20	PROF DV 099		PROF PRACT ASSIGNMT	0.0	S	
20	NUCL EN 602		NUCLEAR REACTOR TH	3.0	B	9.0
20	NUCL EN 605		REACTOR ENGINEERING	3.0	A	12.0
20	CHEM EN 541		PROCES DESGN ECON	3.0	A	12.0
20	CHEM EN 571		PROC DYNMS CNTRL	4.0	B	12.0
DEANS LIST 3.5625						
SPRING QTR 1970-71						
15	ENGLISH 202		SURVEY OF AMER LIT	3.0	S	
15	PSYCH 143		INTRO PSYCHOLOGY	3.0	B	9.0
20	EN SC 375		BASIC STREN MATL	3.0	A	12.0
20	NUCL EN 599		NUCLEAR REACTOR LAB	2.0	A	8.0
20	NUCL EN 606		REACTOR ENGINEERING	3.0	B	9.0
20	CHEM EN 572		PROC DYNMS CNTRL	1.0	A	4.0
CUM HR C	212.0	HR E 212.0 QP 640.0		AVG 3.0188		

ALLEN LEE

MOSBAUGH

STUDENT No. 272-44-1887

COLLEGE GRAD

Area	Course No.	Course Title	Quarter Credit Hours	Grade	Quality Points
AUTUMN QTR 1971-72					
5	MATH 514	APPLIED ADV CALCULS	3.0G	B	
0	NUCL EN 598	RADIATION MEAS LAB	2.0G	A	
0	NUCL EN 711	NUCLEAR PHYSCS	3.0G	B	
0	NUCL EN 871	THESIS	2.0G	N	
0	CHEM EN 741	PRIN EQUILIB PROC	3.0G	B	
0	CHEM EN 743	TRANSPORT PHENOMENA	3.0G	A	

REPORT PERIOD			STUDENT NUMBER		
WINTER 03 21 72			272-44-1887		

COLL NO	AREA	COURSE NO	COURSE TITLE	CREDIT HRS CARRIED	GR	QUALITY POINTS
15	MATH	515	APPLIED ADV CALCULS	G 3	B	
20	NUCL EN	712	NUCLEAR PHYSCS	G 3	B	
20	NUCL EN	871	THESIS	G 3	N	
20	CHEM EN	742	PRIN EQUILIB PROC	G 3	A	
20	CHEM EN	744	TRANSPORT PHENOMENA	G 3	A	

REPORT PERIOD			STUDENT NUMBER		
SPRING 06 08 72			272-44-1887		

COLL NO	AREA	COURSE NO	COURSE TITLE	CREDIT HRS CARRIED	GR	QUALITY POINTS
15	MATH	516	APPLIED ADV CALCULS	G 3	C	
20	NUCL EN	503	REACTOR THEORY III	G 3	B	
20	NUCL EN	713	NUCLEAR PHYSCS	G 3	B	
20	NUCL EN	823	SPEC TOPICS NUCL EN	G 2	S	
20	NUCL EN	871	THESIS	G 3	N	
20	CHEM EN	872	DISTILLATION	G 3	W	

REPORT PERIOD			STUDENT NUMBER		
SUMMER 08 31 72			272-44-1887		

COLL NO	AREA	COURSE NO	COURSE TITLE	CREDIT HRS CARRIED	GR	QUALITY POINTS
20	NUCL EN	616	FUND OF FUSION	G 3	A	
20	NUCL EN	871	THESIS	G 9	N	

REPORT PERIOD			STUDENT NUMBER		
AUTUMN 12 14 72			272-44-1887		

COLL NO	AREA	COURSE NO	COURSE TITLE	CREDIT HRS CARRIED	GR	QUALITY POINTS
15	MATH	707	STAT SCIEN + ENGR	G 3	A	
20	NUCL EN	631	NUCL FUEL CYCLES	G 3	A	
20	NUCL EN	871	THESIS	G 6	N	
20	CHEM EN	773	COMPUTRS IN CHE DES	G 3	A	
32	WELD TN	003	WELDING-ELECT ARC	2	A	

Coll No.	Area	Course No.	Course Title	Quarter Credit Hours	Grade	Quality Points
REPORT PERIOD						STUDENT NUMBER
WINTER 03 22 73						272-44-1887
COLL NO	AREA	COURSE NO	COURSE TITLE	CREDIT HRS CARRIED	GR	QUALITY POINTS
15	MATH	708	STAT SCIEN & ENGG	G 3	A	
20	NUCL EN	613	RADIOISOTOPE TECHN	G 2	A	
20	NUCL EN	632	NUCL FUEL CYCL ECON	G 3	A	
20	NUCL EN	715	NUCL REACTOR SAFETY	G 3	T	
20	NUCL EN	871	THESIS	G 4	N	
20	CHEM EN	777	CHEM REACTOR DESIGN	G 3	A	
32	WELD TN	003	WELDING-ELECT ARC	2	A	

REPORT PERIOD			STUDENT NUMBER		
SPRING 06 07 73			272-44-1887		

COLL NO	AREA	COURSE NO	COURSE TITLE	CREDIT HRS CARRIED	GR	QUALITY POINTS
15	MATH	709	STAT SCIEN + ENGG	G 3	A	
20	NUCL EN	614	RADIOISOTOPE TECHN	G 2	A	
20	NUCL EN	871	THESIS	G 10	N	
32	WELD TN	003	WELDING-ELECT ARC	2	A	

REPORT PERIOD			STUDENT NUMBER		
SUMMER 08 29 73			272-44-1887		

COLL NO	AREA	COURSE NO	COURSE TITLE	CREDIT HRS CARRIED	GR	QUALITY POINTS
20	NUCL EN	871	THESIS	G 3	N	

REPORT PERIOD			STUDENT NUMBER		
AUTUMN 12 20 73			272-44-1887		

COLL NO	AREA	COURSE NO	COURSE TITLE	CREDIT HRS CARRIED	GR	QUALITY POINTS
15	MATH	534	PART DIFFER EQUATNS	G 3	T	
20	CHEM EN	910	OPT INDUSTRIAL PROC	G 3	B	
20	CHEM EN	971	DISSERTATION	G 9	N	

REPORT PERIOD			STUDENT NUMBER		
REVISED WINTER 04 30 74			272-44-1887		

COLL NO	AREA	COURSE NO	COURSE TITLE	CREDIT HRS CARRIED	GR	QUALITY POINTS
20	CHEM EN	753	FL-SOLID SYST+CPER	G 3	A	
20	CHEM EN	892	POLYMER ENGRG I	G 3	A	
20	CHEM EN	911	OPT INDUSTRIAL PROC	G 3	B	
20	CHEM EN	971	DISSERTATION	G 6	N	

Area	Course No.	Course Title	Quarter Credit Hours	Grade	Quality Points
REPORT PERIOD			STUDENT NUMBER		
REVISED SPRING 06 27 74			272-44-1887		
AREA	COURSE NO.	COURSE TITLE	CREDIT HRS CARRIED	GR	QUALITY POINTS
0	CHEM EN 745	TRANSPORT PHENOMENA	G 3	W	
0	CHEM EN 893	POLYMER ENGRG II	G 3	A	
0	CHEM EN 972	SPEC PROJ-CHEM ENGG	G 9	N	

Cell No.	Area	Course No.	Course Title	Quarter Credit Hours	Grade	Quality Points