

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-0, 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of Commendable Quality; C-Fair, Work of Acceptable But Not Distinguished Quality; F-Unsatisfactory; I-Incomplete; W-Withdrawn; T-Audit; N-No Grade Reported.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 WRK	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	23.0	AV	3.1444
SUMMER QTR 1967-68					
20 CO ORD	099	CO-CP WORK	2	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	31.0	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	36.0	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 NTK	4.0	C	8.0
20 EN SC	385	BASIC HEAT TRANSFER	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

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 ENGR 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 PROF 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	64.0	AVG	3.0188

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 PHYSICS	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	1
20	NUCL EN	712	NUCLEAR PHYSICS	G 3	B	1
20	NUCL EN	871	THESIS	G 3	N	1
20	CHEM EN	742	PRIN EQUILIB PROC	G 3	A	1
20	CHEM EN	744	TRANSPORT PHENOMENA	G 3	A	1
				STUDENT NUMBER		

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 PHYSICS	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	

20 NUCL EN			871 THESIS		10 21 72		
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	

32 WELD IN			STUDENT NUMBER		
REPORT PERIOD			272-44-1887		
SUMMER 08 29 73			CREDIT HRS CARRIED		
COURSE TITLE			GR		
COLL NO			QUALITY POINTS		
AREA			G 3		
COURSE NO			N		
20			NUCL EN		
871			THESIS		
			STUDENT NUMBER		

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	



08

1