

Course Number	Title	Comments	Cr. Hrs.	Grade	Pts.	Course Number	Title	Comments	Cr. Hrs.	Grade	Pts.
B SC 1971 BHAVANS R A COLLEGE						1975-1976 1ST SEMESTER B GR P65 W LAFAYETTE					
*****						I E 535 MATH PROGR INDUS PROB 3.0 A 18.0					
* ALL INDEXES ON THIS RECORD ARE *						I E 536 OPERATIONS RESEARCH 3.0 W					
* COMPUTED ON SCALE A=6.0, F=2.0. *						MA 521 OPTIMIZATION PROBLEMS 3.0 B 15.0					
*****						MA 556 INTRO THEORY NUMBERS 3.0 W					
1973-1974 1ST SEMESTER M GR P65 W LAFAYETTE						PEMN 153 BEGIN SWIMMING 1.0 W					
ENGL 002 ENGL FOR FOREIGN STU 0.0 S						STAT 511 STATISTICAL METH I 3.0 A 18.0					
MA 530 FUNCT COMPLEX VRBL I 3.0 B 15.0						CUM 5.60 40.0 224.0 SEM 5.66 9.0 51.0					
MA 544 PRIN OF ANALYSIS I 3.0 A 18.0						1975-1976 2ND SEMESTER B GR P65 W LAFAYETTE					
MA 557 ABSTRACT ALGEBRA I 3.0 A 18.0						GER 603 SEC CRS ESTB READ KNOW 3.0 C					
MA 571 ELEM TOPOLOGY 3.0 W						I E 537 ADV MATH PROGRAMMING 3.0 A 18.0					
CUM 5.66 9.0 51.0 SEM 5.66 9.0 51.0						STAT 519 INTRO TO PROB 3.0 A 18.0					
1973-1974 2ND SEMESTER M GR P65 W LAFAYETTE						CUM 5.65 46.0 260.0 SEM 6.00 6.0 36.0					
FR 601 FST CRS ESTB READ KNOW 3.0 W						1976 SUMMER SESSION B GR P65 W LAFAYETTE					
MA 545 PRIN OF ANALYSIS II 3.0 A 18.0						MA 693 --TOPICS IN ANALYSIS 3.0 A 18.0					
MA 554 LINEAR ALGEBRA 3.0 A 18.0						PEMN 165 TENNIS BADM SQUASH 1.0 P					
MA 558 ABSTRACT ALGEBRA II 3.0 A 18.0						CUM 5.67 49.0 278.0 SEM 6.00 3.0 18.0					
MA 571 ELEM TOPOLOGY 3.0 W						1976-1977 1ST SEMESTER B GR P65 W LAFAYETTE					
PEMN 154 INTER SWIMMING 1.0 F 2.0						I E 545 ENGR ECONOMIC ANAL 3.0 A 18.0					
CUM 5.63 19.0 107.0 SEM 5.60 10.0 56.0						I E 635 APPL MATH PROGRAM 3.0 A 18.0					
1974 SUMMER SESSION M GR P65 W LAFAYETTE						MA 693 HARMONIC ANALYSIS 3.0 W					
FR 601 FST CRS ESTB READ KNOW 3.0 B						CUM 5.70 55.0 314.0 SEM 6.00 6.0 36.0					
CUM 5.63 19.0 107.0 SEM						1976-1977 2ND SEMESTER B GR E27 W LAFAYETTE					
1974-1975 1ST SEMESTER M GR P65 W LAFAYETTE						C S 584 ALGRTHMS & COMP CMLX 3.0 0					
FR 603 SEC CRS ESTB READ KNOW 3.0 B 15.0						I E 539 DYNAMIC PROGRAMMING 3.0 B 15.0					
MA 546 INTRO FUNCT ANALYSIS 3.0 B 15.0						I E 586 PLAN EVAL LRG SCA SYST 3.0 B 15.0					
MA 598 NUMBER THEORY 3.0 A 18.0						I E 636 QUEUEING THEORY 3.0 B 15.0					
CUM 5.60 25.0 140.0 SEM 5.50 6.0 33.0						CUM 5.60 64.0 359.0 SEM 5.00 9.0 45.0					
1974-1975 2ND SEMESTER B GR P65 W LAFAYETTE						1977 SUMMER SESSION B GR E27 W LAFAYETTE					
GER 601 FST CRS ESTB READ KNOW 3.0 B						ECON 610 DECISION THEORY 3.0 A 18.0					
MA 616 THEO OF APPROXIMATIONS 3.0 B 15.0						I E 699 RESEARCH PHD THESIS 06 0.0 S					
MA 693 C*-ALGEBRAS 3.0 A 18.0						CUM 5.62 67.0 377.0 SEM 6.00 3.0 18.0					
CUM 5.58 31.0 173.0 SEM 5.50 6.0 33.0						1977-1978 1ST SEMESTER B GR E27 W LAFAYETTE					
MASTER OF SCIENCE						I E -566 PRODUCT MGT CONTROL 3.0 I					
DEGREE GRANTED MAY 18, 1975						I E 581 GENERAL SYSTEMS THEORY 3.0 C 12.0					
*****						I E 697 SEMINAR 0.0 S					
*****						I E 699 RESEARCH PHD THESIS 06 0.0 S					
*****						CUM 5.55 70.0 389.0 SEM 4.00 3.0 12.0					

CONTINUED ON PAGE 2

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1977-1978	2ND SEMESTER	B GR E27				1979-1980	2ND SEMESTER	D GR E27			
I E 697	SEMINAR		0.0	S		I E 697	SEMINAR		0.0	S	
I E 699	RESEARCH PHD THESIS	12 SEM	0.0	S		I E 699	RESEARCH PHD THESIS	15 SEM	0.0	S	
	CUM 5.55 70.0 389.0						CUM 5.53 79.0 437.0				
1978	SUMMER SESSION	B GR E27				1980	SUMMER SESSION	D GR E27			
I E 530	QUALITY CONTROL		3.0	A	18.0	I E 699	RESEARCH PHD THESIS	06 SEM	0.0	S	
	CUM 5.57 73.0 407.0	SEM 6.00	3.0		18.0		CUM 5.53 79.0 437.0				
1978-1979	1ST SEMESTER	C GR E27				1980-1981	1ST SEMESTER	D GR E27			
I E 566	PRODUCT MGT CONTROL	COMPLETE	3.0	B	15.0	I E 699	RESEARCH PHD THESIS	06 SEM	0.0	S	
I E 580	SYSTMS SIMUL-GASP IV		3.0	B	15.0		CUM 5.53 79.0 437.0				
I E 697	SEMINAR		0.0	S							
I E 699	RESEARCH PHD THESIS	09 SEM	0.0	S							
	CUM 5.53 79.0 437.0	SEM 5.00	3.0		15.0						
1978-1979	2ND SEMESTER	C GR E27									
I E 699	RESEARCH PHD THESIS	09 SEM	0.0	S							
	CUM 5.53 79.0 437.0										
1979	SUMMER SESSION	C GR E27									
I E 699	RESEARCH PHD THESIS	06 SEM	0.0	S							
	CUM 5.53 79.0 437.0										
1979-1980	1ST SEMESTER	D GR E27									
I E 697	SEMINAR		0.0	S							
I E 699	RESEARCH PHD THESIS	09 SEM	0.0	S							
	CUM 5.53 79.0 437.0										

DOCTOR OF PHILOSOPHY
 FIELD OF STUDY: INDUSTRIAL ENGINEERING
 AWARDED AT WEST LAFAYETTE CAMPUS
 DECEMBER 20, 1980

12/73 ENGL SAT 03/75 MASTER PLAN 11/78 PHD PLAN
 12/79 PRELIM 11.6 CUM RES

***** END OF RECORD *****

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