

INDUSTRIAL ENGINEERING and ENGINEERING MANAGEMENT STUDENT STATUS SHEET

STUDENT NAME: _____

STUDENT ID #: _____

Revised: DEC 2018

REQUIRED WRITTEN & ORAL COMMUNICATIONS

(SDBOR Goals 1 & 2 - 9 cr hrs required)

Course	Term / Year	Cr Hrs	Grade
ENGL 101 Composition I		3	
ENGL 279 Technical Communications I		3	
ENGL 289 Technical Communications II		3	

HUMANITIES ELECTIVES (SDBOR Goal 4 - 6 cr hrs required, in 2 disciplines)

Course	Term / Year	Cr Hrs	Grade

REQUIRED MATHEMATICS (SDBOR Goal 5 & IE Requirements - 15 cr hrs required)

Course	Term / Year	Cr Hrs	Grade
MATH 123 Calculus I		4	
MATH 125 Calculus II		4	
MATH 225 Calculus III		4	
MATH 321 Differential Equations		3	

SOCIAL SCIENCES ELECTIVES

(SDBOR Goal 3 & IE Req. - 6 cr hrs req'd, in 2 disciplines)

Course	Term / Year	Cr Hrs	Grade
PSYC 101 General Psychology		3	

REQUIRED UPPER DIVISION SOCIAL SCIENCE or HUMANITIES ELECTIVE

(3 cr hrs req'd - must be 300/400 level)

Course	Term / Year	Cr Hrs	Grade

REQUIRED NATURAL SCIENCES (SDBOR Goal 6 & IE Req. - 11 cr hrs & lab req'd)

Course	Term / Year	Cr Hrs	Grade
CHEM 112 General Chemistry I		3	
CHEM 112L General Chemistry I Lab		1	
PHYS 211 University Physics I / recitation		3	
PHYS 213 University Physics II / recitation		3	
PHYS 213L University Physics II Lab		1	

DEPARTMENTAL ELECTIVES ("A" Electives - 6 cr hrs req'd)

Course	Term / Year	Cr Hrs	Grade
IENG 331 Safety Engineering or IENG 431 Industrial Hygiene	F / S	3	

ENGINEERING FUNDAMENTALS ELECTIVES ("B" Electives - 11 cr hrs & lab req'd)

Course	Term / Year	Cr Hrs	Grade
IENG 248/L Engineering Graphics / Modeling (or equivalent)	F	(1+1) 2	

PROFESSIONAL BREADTH ELECTIVES

("C" Electives - 10 cr hrs req'd; extra "A" or "B" elective cr hrs may be used to fulfill)

Course	Term / Year	Cr Hrs	Grade

Notes:

Program Summary

Written & Oral Communications	9
Social Sciences	6
Humanities	6
Upper Division Soc Sci & Hum Electives	3
Mathematics	15
Natural Sciences	11
IEEM Departmental (A) Electives	6
Eng. Fundamentals (B) Electives	11
Professional Breadth (C) Electives	10
IEEM Required Course Hours	53
Total Required Credit Hours	130

REQUIRED INDUSTRIAL ENGINEERING & ENGINEERING MANAGEMENT COURSES

(53 cr hrs req'd)

Course	Term / Year	Cr Hrs	Grade
IENG 215 Cost Estimating	S	3	
IENG 241L Quality Methods and Teaming	S	2	
IENG 302 Engineering Economics	F / S	3	
IENG 311/L Work Methods and Measurements	F	(2+1) 3	
IENG 321/L Ergonomics/Human Factors Engineering	S	(2+1) 3	
IENG 352 Creativity and Innovation	F	1	
IENG 354 Marketing Technology Innovations	F	1	
IENG 355 Financing Technology Innovations	S	1	
IENG 362 Stochastic Models	F	3	
IENG 366 Engineering Management	S	3	
IENG 381 Intro to Probability & Statistics	F / S	3	
IENG 382 Probability Theory & Statistics II	F / S	3	
IENG 425 Production Operations Management	F	3	
ENGM 435 Optimization Techniques (or MATH 353)	F	3	
IENG 441 Simulation	S	3	
IENG 471 Facilities Planning	F	3	
IENG 475/L Computer-Controlled Mfg Systems & Robotics	S	(2+1) 3	
IENG 464 Senior Design Project I	F	3	
IENG 465 Senior Design Project II	S	3	
IENG 486 Statistical Quality & Process Control	F	3	

Notes:

Items Approved for Graduation:

Courses to be taken during the final term:

Degree checks completed when signed

1st Graduation Check by: _____

Graduation Term: _____

2nd Graduation Check by: _____