Bachelor of Science in Industrial Engineering

Curriculum Map (IQ-11)

Code	Mathematics	Units	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
M-01	College Algebra	3	I						I								
M-02	Advanced Algebra	2	I						I								
M-03	Plane & Spherical Trigonometry	3	I						I								
M-04	Analytic Geometry	3	I						I								
M-05	Solid Mensuration	2	I						I								
M-06	Differential Calculus	4	I						I								
M-07	Integral Calculus	4	I						I								
M-08	Differential Equations	3	E						I								
M-09	Probability & Statistics	3	E						I								

Code	Natural/Physical Sciences	Units	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
S-01	General Chemistry	3	I	I					I								
L-01	General Chemistry Lab	1	I	I					I								
S-02	Physics 1	3	I	I					I								
L-02	Physics 1 Lab	1	I	I					I								
S-03	Physics 2	3	I	I					I								
L-03	Physics 2 Lab	1	I	I					I								

Code	Basic Engineering Sciences	Units	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
L-04	Engineering Drawing	1	I						I								
L-05	Computer Fundamentals Lab	2	I						I								
L-06	Computer-Aided Drafting	1	I						I								
E-02	Statics of Rigid Bodies	3	I						I								
E-03	Dynamics of Rigid Bodies	2	I						I								
E-04	Mechanics of Deformable Bodies	3	I						I								
E-05	Engineering Economy	3	E				E		I	E		E	E				
E-06	Engineering Management	3	E			E	E	D	E			E	E				
E-07	Environmental Engineering	2	E			E	E	D	E	E						D	
E-08	Safety Management	1	E		E	E	E	D	E	E							

Code	Allied Courses	Units	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
A-01	Principles of Economics	3	E						E			E	E				
A-02	Financial Accounting	3	D						D			D	D				
A-03	Managerial Accounting	3	D						D			D	D				
A-04	Thermodynamics	3	I						I								
A-05	Elementary Electrical Engg Lec	2	I	I	I				I								
L-07	Elementary Electrical Engg Lab	1	I	I	I				I								
A-06	Engineering Values and Ethics	2	D			D		D	D	D							

Map Legend

Code	Course Classification
M-XX	Mathematics
S-XX	Natural or Physical Science
L-XX	Laboratory Course
E-XX	Engineering Science
A-XX	Allied
P-XX	Professional
N-XX	Non-Technical
I-XX	Institutional
Note:	Please delete any extra outcome column

Code	Descriptor
I	Introductory Course
E	Enabling Course
D	Demonstrative Course
Code	**Definition**
I	An introductory course to an outcome
E	A course that strengthens the outcome
D	A course demonstrating an outcome

When and Where Last Published

Code	Professional Courses	Units	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
P-01	Advanced Mathematics for Industrial Engineering	3	I						I				I				
P-02	Industrial Materials and Processes Lec	2	E		E				E				E				
L-08	Industrial Materials and Processes Lab	1	E		E				E				E				
P-03	Advanced Statistics	3	E	E			E		E				E				
P-04	Methods Study Lec	4	D	D	D		D		D	D	D	D	D				
L-09	Methods Study Lab	1	D	D	D		D		D	D	D	D	D				
P-05	Operations Research 1 Lec	3	D		D												
L-14	Operations Research 1 Lab	1	D	D	D	D	D		D	D	D	D	D				
P-06	Operations Research 2	3	D		D		D		D	D	D	D	D				
P-07	Industrial Quality Control	3	D		D	D	D		D	D	D	D	D				
L-10	Project Feasibility Lab	1	D		D	D	D	D	D	D	D	D	D				D
P-08	Project Feasibility Lec	2	D		D	D	D	D	D	D	D	D	D				D
P-09	Plant Visit and Seminar	1	D		D	D	D	D	D	D	D	D	D				
P-10	Practicum	1	D		D	D	D	D	D	D	D	D	D				
L-11	Ergonomics Lab	1	D	D	D	D	D		D	D	D	D	D				
P-11	Ergonomics Lec	2	D	D	D	D	D		D	D	D	D	D				
P-12	Production Systems	3	D		D	D	D		D	D	D	D	D				
P-13	Facilities Planning and Design	3	D		D	D	D		D	D	D	D	D				
P-14	Information Systems	3	D		D	D	D		D	D	D	D	D				
P-15	Systems Engineering	3	D		D	D	D	D	D	D	D	D	D				
P-16	IE Technical Elective 1	3	D		D	D	D		D	D	D	D	D				
P-17	Quality Management System	3	D		D	D	D		D	D	D	D	D				
L-12	Undergraduate Research Lab	2	D	D	D	D	D	D	D	D	D		D			D	
P-18	Undergraduate Research Lec	1	D	D	D	D	D	D	D	D	D		D			D	
P-19	Industrial Labor in Organization	3	D		D	D	D	D	D	D	D		D				
P-20	Compensation Administration	3	D		D	D	D	D	D	D	D		D				
P-21	Design of Experiment	3	D		D	D	D	D	D	D	D		D				
L-13	IE Computer Laboratory (Proplanne	3	D	D	D	D	D	D	D	D	D		D				
P-22	Methods and System Engg(CIM)Lec	3	D	D	D	D	D		D	D	D	D	D				
L-15	Methods and System Engg(CIM)Lab	1	D	D	D	D	D		D	D	D	D	D				
P-23	Simulation 1 (Promodel) Lec	3	D	D	D	D	D		D	D	D	D	D				
L-16	Simulation 1 (Promodel) Lab	1	D	D	D	D	D		D	D	D	D	D				
P-24	IE Technical Elective 2	3	D		D	D	D		D	D	D	D	D				
P-25	IE Technical Elective 3	3	D		D	D	D		D	D	D	D	D				
P-26	Special Topics	3	D		D	D	D		D	D	D	D	D				
P-27	Simulation 2 (Promodel) Lec	3	D	D	D	D	D		D	D	D	D	D				
L-17	Simulation 2 (Promodel) Lab	1	D	D	D	D	D		D	D	D	D	D				
P-28	IE Technical Elective 4	3	D		D	D	D		D	D	D	D	D				
P-29	Methods and Systems Engineering I	3	D	D	D	D	D		D	D	D	D	D				
L-18	Methods and Systems Engineering I	1	D	D	D	D	D		D	D	D	D	D				

Code	Non-Technical Courses		a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
N-01	Kasaysayan at Kultura ng Pilipinas	3				I		I									
N-02	Philippine Government with Constitution of the Philippines	3				I		I	I								
N-03	Economic with LRT	3				I		I	I								
N-04	General Psychology w HIV AIDS	3				I		I	I								
N-05	Logic	3				I		I	I								
N-06	Society and Culture with Family Planning	3				I		I	I								
N-07	Art, Man, and Society	3				I		I	I								
N-08	Communication Arts and Skills 1	3							I								
N-09	Speech and Oral Communication	3							I								
N-10	Technical Writing	3							I								
N-11	Sining at Komunikasyon	3				I											
N-12	Panitikang Pilipino	3				I											
N-13	Kursong Rizal	3						I									
N-14	Ethics	3				I		I	I								
N-15	PE 1	3							I								
N-16	PE 2	3							I								
N-17	PE 3	3							I								
N-18	PE 4	3							I								
N-19	NSTP1	3							I								
N-20	NSTP2	3							I								

Code	Institutional Courses	Units	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
I-01	Foundations of Christian Faith	3						I	I								
I-02	Discipleship in the Christian Community	3						I	I								
I-03	Living Our Christian Commitment	3						I	I								
I-04	Spirituality of Social Transformation	3						I	I								
I-05	Intensive English	2							I								
I-06	Introduction to DLSU-D	0							I								
I-07	Career Pathing	0							I								