

Curriculum Map													
Code	Mathematics	Units	a	b	c	d	e	f	g	h	i	j	k
M-01	College Algebra 1	3	I		I	I				I			
M-02	College Algebra 2	2	I		I	I				I			
M-03	Plane & Spherical Trigonometry	3	I		I	I				I			
M-04	Analytic Geometry	3	I		I	I				I			
M-05	Solid Mensuration	2	I		I	I				I			
M-06	Differential Calculus	4	I		I	I				I			
M-07	Integral Calculus	4	I		I	I				I			
M-08	Differential Equations	3	I		I	I				I			
M-09	Probability & Statistics	3	I		I	I				I			

Code	Natural/Physical Sciences	Units	a	b	c	d	e	f	g	h	i	j	k
S-01	General Chemistry Lecture	2	I		I	I	I			I			
L-01	General Chemistry Laboratory	1	I	D	I	I	I			I			
S-02	Physics 1 Lecture	4	I		I	I	I			I			
L-02	Physics 1 Laboratory	1	I	D	I	I	I			I			
S-03	Physics 2 Lecture	4	I		I	I	I			I			
L-03	Physics 2 Laboratory	1	I	D	I	I	I			I			

Code	Basic Engineering Sciences	Units	a	b	c	d	e	f	g	h	i	j	k
E-01	Engineering Drawing	1	I	D	I	I	I			I			
E-02	Computer Fundamentals and Programming	2	I	D	I	I	I			I			
E-03	Basic Computer-Aided Drafting	1	I	D	I	I	I			I			
E-04	Advanced Computer-Aided Drafting and Applications	1	I	D	I	I	I			I			
E-05	Statics of Rigid Bodies	3	I		I	I	I			I			
E-06	Dynamics of Rigid Bodies	2	I		I	I	I			I			
E-07	Mechanics of Deformable Bodies	3	I		I	I	I			I			
E-08	Engineering Economy	3	I		I	I	I	I		I			
E-09	Engineering Management	3	I		I	I	I	I		I			
E-10	Environmental Engineering and Safety Management	3	I		I	I	I	I		I			

Code	Allied Courses	Units	a	b	c	d	e	f	g	h	i	j	k
A-01	Elementary Electrical Engineering	3	D		D	D	D			D			
A-02	Laboratory	1	D	D	D	D	D			D			
A-03	Basic Electronics	3	D		D	D	D			D			
A-04	Basic Electronics Laboratory	1	D	D	D	D	D			D			
A-05	DC and AC Machinery Lecture	3	D		D	D	D			D			
A-06	DC and AC Machinery Laboratory	1	D	D	D	D	D			D			

Code	Professional Courses	Units	a	b	c	d	e	f	g	h	i	j	k
P-01	Orientation to ME	1	E	I		E	D	E	E	D			D
P-02	Advanced Engineering Mathematics with Numerical Methods	3	D	I						D			D
P-03	Methods of Research for ME	2	E	D			D	D	D	D	D	D	D
P-04	Fluid Mechanics	3	D							D			D
P-05	Machine Elements 1	4	D	D	D	D				D			D
P-06	Machine Elements 2	4	D	D	D	D				D			D
P-07	Materials Engineering	3	D							D			D
P-08	Materials Engineering Laboratory	1	D	D			D			D			D
P-09	Thermodynamics 1	4	D		D		D			D			D
P-10	Thermodynamics 2	3	D		D		D			D			D
P-11	Combustion Engineering	3	D		D		D			D			D
P-12	Heat Transfer	2	D		D		D			D			D
P-13	ME Laboratory 1	2	D	D	D	D	D			D			D
P-14	ME Laboratory 2	2	D	D	D	D	D			D			D
P-15	Industrial Processes	2	D	D	D		D			D			D
P-16	Safety Engineering for ME	2		D			D	D	D	D	D	D	D
P-17	Workshop Theory and Practice	2	D	D	D	D	D			D			D
P-18	Machine Shop Theory	2	D	D		D	D			D			D
P-19	Instrumentation and Control Engineering Lecture	2	E	D			D			D			D
P-20	Instrumentation and Control Engineering Laboratory	1	D	D		D	D			D			D
P-21	Fluid Machinery	3	D			D	D			D			D
P-22	Refrigeration Systems	3	D	D		D	D			D			D
P-23	Airconditioning and Ventilation Systems	4	D	D	D	D	D	D	D	D	D		D
P-24	Vibration Engineering	2	D				D			D			D
P-25	Machine Design 1	5	D	D	D	D	D	D	D	D			D
P-26	Machine Design 2	5	D	D	D	D	D	D	D	D			D
P-27	ME Laboratory 3	2	D	D		D	D			D			D
P-28	Industrial Plant Engineering	4	D	D	D	D	D	D	D	D			D
P-29	Power Plant Engineering	5	D	D	D	D	D	D	D	D	D		D
P-30	ME Laws, Ethics, Codes, and Standards	3					D			D	D		D
P-31	Mechanical Engineering OJT	3	D	D	D		D	D		D	D		D
P-32	Sustainable Manufacturing and Industrial Ecology	3					D			D		D	D
P-33	Entrepreneurship for Engineers	3	E				D			D		D	D
P-34	Alternative Energy Resource	3					D	D		D	D		D
P-35	Management of Technology	3					D			D		D	D
P-36	Logistics Engineering and Management	3	E				D			D	D	D	D
P-37	Ventilation and Air-Conditioning	3	D	D	D	D	D			D			D
P-38	ME Project Study 1	1	D	D	D	D	D	D	D	D	D		D
P-39	ME Project Study 2	1	D	D	D	D	D	D	D	D	D		D

Code	Non-Technical Courses	Units	a	b	c	d	e	f	g	h	i	j	k
N-01	Reading and Writing	3				D		D	I				
N-02	Philippine History	3	D	E	E	E	E	D	E	D			
N-03	Self-Testing Activities	2			E		E	D	D	E		D	
N-04	Speech and Oral Communication	3						D					
N-05	Logic	3	E	D	D	I	E	E	I	D			
N-06	Art Appreciation	3	D	D	D	E	D	D	D	D			
N-07	Fundamentals of Rhythmic Activities	2			E		E	D	D	E		D	
N-08	General Psychology	3	E	D	E	I	D	E	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

Descriptor	
I	Introductory Course
E	Enabling Course
D	Demonstrating Course
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

N-09	Technical Communication	3								D				
N-10	Komunikasyon sa Akademikong Filipino	3		I						D				
N-11	Fundamentals of Games and Sports	2			E		E	D	D	E			D	
N-12	Life and Works of Rizal	3	D	E	E	E	E	D	D	D				
N-13	Politics and Governance with Philippine Constitution	3	D	E	E	E	I	D	D	D				
N-14	Pagbasa at Pagsulat Tungo sa Pananaliksik	3		E										
N-15	Recreational Activities	2			E		E	D	D	E			D	
N-16	Principles of Economics with Taxation and Land Reform	3	D	D	I	E	D	D	D	D				
N-17	Philosophy of Man	3	I	E	E	E	E	E	I	D				

Code	Institutional Courses	Units	a	b	c	d	e	f	g	h	i	j	k
I-01	Sowing Seeds of Faith	3										D	D
I-02	Step to Conversion	3										D	D
I-03	Set to Uphold the Church's Conviction	3										D	D
I-04	Send to be Evangelizers	3										D	D
I-07	National Service Training Program 1	3							D			D	
I-08	National Service Training Program 2	3							D			D	
I-07	Special Topics in Mechanical Engineering	2	E	E				E	E				D
I-08	Personality Development and Public Relations	1						E	E			D	D