

University of Perpetual Help System DALTA
Alabang – Zapote Road Pamplona Las Piñas City

BS NAVAL ARCHITECTURE & MARINE ENGINEERING

Effective SY 2006 – 2007

FIRST YEAR

First Semester

COURSE CODE	DESCRIPTIVE TITLE	TOTAL UNITS	LEC.	LAB.
Soc Scie 1	General Psychology	3	-	3
Filipino 1	Komunikasyon sa Akademikong Filipino	3	-	3
English 1	Communication Arts 1	3	-	3
Math 1	College Algebra and Plane Trigonometry	5	-	5
Draw 1	Drawing 1	-	2	2
Physics 1	Engineering Physics 1	3	1	4
NA 1	Naval Architecture and Orientation	1	-	1
FCL 1	The Perpetualite: Identity and Dignity	2	-	2
PE 1	Physical Education	2	-	2
NSTP 1	Reserve Officer Training Corps	-	-	(3)
TOTAL		22	3	25 (3)

Second Semester

Arts 1	Arts Appreciation	3	-	3
Filipino 2	Pagbasa at Pagsulat tungo sa Pananaliksik	3	-	3
English 2	Communication Arts 2	3	-	3
Math 2	Analytic Geometry	2	-	2
Draw 2	Drawing 2	-	2	2
Chem 1	Chemistry 1	3	1	4
Physics 2	Engineering Physics 2	3	1	4
FCL 2	The Perpetualite: A Man of God	2	-	3
NSTP 2	Reserve Officer Training Corps.	-	-	(3)
TOTAL		19	4	23 (3)

SECOND YEAR

First Semester

Philo 1	Philosophy of Man	3	-	3
Engl 3	Business Correspondence	3	-	3
Math 3	Solid Mensuration and Spherical Trigonometry	3	-	3
Chem 2	Chemistry 2	3	1	4
Soc Sci 2	Phil. Govt. and New Constitution	3	-	3
NA 2	Ship Nomenclature and Carpentry	1	1	2
Shop 1	Machine Shop Practice 1	1	2	3
FCL 3	The Perpetualite: Called to Perfection	2	-	2
Fil. 3	Masining na Pagpapahayag	3	-	3
TOTAL		22	4	26

Second Semester

MARE 1	Engineering Materials and Geology	3	-	3
MARE 2	Marine Engineering Lab 1	1	1	2
Engl 4	Technical Report Writing	3	-	3
Mech 1	Engineering Mechanics	5	-	5
Math 4	Differential Calculus	4	-	4
NA 3	Ships Lines Drawing	2	2	4
FCL 4	The Perpetualite: A Man for Others	2	-	3
PE 2	Combative Sports (Self Defense)	2	-	2
TOTAL		22	3	25

THIRD YEAR

First Semester

Electro 1	Basic Electronics	3	1	4
EE 1	Elementary Electrical Engineering	2	1	3
MARE 3	Marine Engineering Lab 2	1	1	2
NA 4	Plane Surveying	1	1	2
NA 5	Theoretical Naval Architecture 1	3	-	3
NA 6	Ships Calculation	2	1	3
Math 5	Integral Calculus	4	-	4
FCL 5	The Perpetualite: A Filipino Christian Leader	2	-	2

	TOTAL	18	5	23
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Second Semester

COURSE CODE	DESCRIPTIVE TITLE	TOTAL UNITS	LEC.	LAB.
NA 8	Theoretical Naval Architecture 2	4	-	4
Math 6	Differential Equation	3	-	3
Math 7	Descriptive Geometry	3	-	3
MARE 4	Marine Engineering Lab 3	1	1	2
Mech 2	Strength of Materials	3	-	3
Soc Sci 4	Economics with TLR	3	-	3
NA 7	Ship Calculation 2	2	1	3
PMMR	Ship Inspection Trip Phil. Mar. Regulation	1	1	2
FCL 6	The Perpetualite: A Minister of Life	2	-	2
	TOTAL	22	3	25

FOURTH YEAR

First Semester

Soc Scie 2	Philippine History	3	-	3
Comp 1	Computer Fundamental Program	2	1	3
Physics 3	Nuclear Physics	3	-	3
Thermo 1	Thermodynamics 1	4	-	4
MARE 5	Kinematics of Machine Elements	1	1	2
NA 9	Theory of Structure	3	-	3
Soc Scie 5	Sociology and Family Planning	3	-	3
NA 10	Principles of Naval Architecture 1	3	-	3
PE 3	Advanced Swimming	2	-	2
FCL 7	The Perpetualite: A Character and Nation Builder	2	-	2
	TOTAL	26	2	28

Second Semester

Lit 1	Philippine Literature	3	-	3
NA 11	Ship Structural Design	2	1	3
Thermo 2	Thermodynamics 2	4	-	4
MARE 6	Hydraulics and Pneumatics	3	-	3
Comp 2	Computer Application	2	1	3
Soc Sci 6	Life and Works of Rizal	3	-	3
NA 12	Principles of naval Architecture 2	4	-	4
PE 4	Survival Technique	2	-	2
FCL 8	The Perpetualite: A Helper of God	2	-	2
	TOTAL	25	2	27

FIFTH YEAR

First Semester

EE 2	Mar. Electro/Auto AC/DC	2	1	3
NA 13	Advanced Ship Design 1	3	1	4
ECO	Engineering Economics & Accounting	3	-	3
NA 14	Power Plant Engineering Design	3	1	4
NA 15	Refrigeration and Aircondition Design	2	1	3
MGT.	Engineering Management	3	-	3
Lit 2	World Literature	3	-	3
	TOTAL	19	4	23

Second Semester

NA 16	Project Study	2	-	2
NA 17	Advanced Ship Design 2	3	1	4
NA 18	Marine Propulsion Design	3	2	5
NA 19	Power Plant Engineering Design 2	3	1	4
NA 20	Contract and Specification	3	-	3
MARE 7	Safety Engineering	1	-	1
	TOTAL	15	4	19