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SYLLABLOF COURSES FOR DIPLOMA PROGRAMME IN SHIPBUILDING ENGINEERING, LEVEL IV&VI 17

	(a. a	4342 -	MARIN	IE EN	GINE	ERIF	$NG = \Pi$	l				
Teaching Schedule Per Week			Progressive			Examination Schedule (Marks)						
Lectures	Lectures Practical Credits		Assessment			Theory			Practical Ex.		Total	
- 3	2	5	25	25	3 11	rs	100	-		150		
A Pre-requisite		Source	Como		heory	Tes	t Tota		PR	Gr Tot	-17	
		SHB	Semes	lei	75	25	5 100	a5	-	125		
onnetenci eck machin des of ster used fire fa indenstand	the students. es To Be Dev tery installed tring gear i.e. ghting installa working prin	eloped. Hav on board with mechanical, tions on boa ciple of vent	th their driv hand hydra rd. Interpre	ves i.e. aulic, h et electr	electric, ydraulic, ical insta	hydrau , Elect allation	ulic, mec ro hydrai n on boai	hanical. ilic. To i	nobilis	e portable	nt : &	
9.2912			OURSE C	ONTE	NTS					Hrs	Mks	
	MACHINE	DV								15	25	
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and acting and acting and acting acti	uators, valve YSTEMS z systems, i.	s and fittin	gs, their co I ballast, fi	onstruc	uipment tion an ater hyd	t, hydi d ope lropho	raulic pu ration. ore, stea	mps, m m pipin	otors	12	25	
and acti SHIP S hip piping foil and	uators, valve YSTEMS g systems, i. lub oil syste	e. bilge and ms and con	gs, their co l ballast, fi npressed a	onstruc resh w ur pipi	uipment ction an ater hyd ng, fire	t, hydi d op e lropho fighti	raulic puration. pre, steaming systeming	mps, m m pipin m.	otors	1. A. A.	25	
and ach SHIP S hip piping coil and VENTI contilation coupm whermos	ators, valve YSTEMS g systems, i. lub oil syste CATION, R i-Natural an- ent involved static expansi	s and fittin e. bilge and ms and com EFRIGEF d forced. Pi l i.e. compr sion valve,	gs, their ed l ballast, fin npressed a tATION A rinciple of essor, con brine refri	onstruc resh wi dir pipi AND A Vapou denser geratic	ater hyd ng, fire IRCO r compu- , expansi	t, hydi d ope fighti NDIT ressio sion v	raulic pur ration. ore, stean ing syste TIONIN on refrige valve, ev	mps, m m pipin m. G eration c aporator	g, fuel ycle,	12		
and ach SHIP S hip piping oil and VENTI Sentilation coupue thermos hold co TERMI assic conc Alternator: emerge devices devices	hators, valve EXTEMS 3 systems, i. 1 ub oil syste CATION, R 1-Natural am ent involved static expans nditioning, p INOLOGY repts of Elec s - Construct ncy source of , shore conn , parallel op ONMENT	s and fittin, e. bilge and ms and com EFRIGEF d forced. Pri l i.e. comprision valve, provision of trical Mach trical Mach	gs, their ed ballast, fi npressed a ATION rinciple of essor, con brine refri f foodstuff intery. gulation, r referential inter lock ternators a	onstructuresh with pipit ir pipit vapout denser geratic fs. nain synthesis trippit . A.C.J and gen	ater hyd ng, fire IRCO Ir compr , expan: on system witch be ng, para D.C. dis nerators	i, hydd d ope fighti NDIT ressio sion v m. A bard a illel oj stribu	raulic puration. ore, steaming syste TONIN in refrige alve, ev ir-condi- ind distri- peration tion boa	mps, m m pipin m. G eration c aporato tioning, tioning, bution s , protect rds, pro	g, fuel cycle, r, cargo cargo cystem tive tective	12 10 7		
and ach SHIP S In piping oil and VENTI Conflation equipm thermos hold co FTERMI Basic conc Alternator emerge devices devices 5, ENVIR Statutory r	hators, valve EXTEMS 3 systems, i. 1 ub oil syste CATION, R 1-Natural am- ent involved static expansi- nditioning, p NOLOGY repts of Elec s – Construce ncy source of . shore conn	s and fittin, e. bilge and ms and com EFRIGEF d forced. Pr l i.e. compr sion valve, provision of trical Mach tition and re of power, pr section and reations, al AL PROTH s with refer	gs, their ed ballast, fi npressed a ATION rinciple of essor, con brine refri f foodstuff intery. gulation, r referential inter lock ternators a	onstructuresh with pipit ir pipit vapout denser geratic fs. nain synthesis trippit . A.C.J and gen	ater hyd ng, fire IRCO Ir compr , expan: on system witch be ng, para D.C. dis nerators	i, hydd d ope fighti NDIT ressio sion v m. A bard a illel oj stribu	raulic puration. ore, steaming syste TONIN in refrige alve, ev ir-condi- ind distri- peration tion boa	mps, m m pipin m. G eration c aporato tioning, tioning, bution s , protect rds, pro	g, fuel cycle, r, cargo cargo cystem tive tective	12 10 7	25	

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PRACTICALS
To visit inland vessel/ocean going vessel and prepare deck machinery layout with their positions, brief description about working, line sketches of systems incorporated.
To visit inland vessel/ocean going vessel and prepare machinery space layout with details of ship pipeline.

systems.

3. To prepare sketches of nabral and forced draft vents.

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