

Maritime Sciences

CLASS	COURSE TITLE	FACULTY NAME	CODE	TEACHING LOAD	
				Th	Pr
VI BS (MS)	Operations Research	Ms Sereen Atif/ Mr Zafar	IME-417	3	0
	Research Methodology (Non Credit)	Ms Hira	RM 989	2	0
	Marine Electronics	Lt Cdr Abeer ul Hassan	EE-327	3	0
	Information Security	Lt Cdr Tabinda/ Lt Cdr Maryum	CS-359	2	0
	Adv Marine System	Ms Sereen Atif	PFL-332	3	0
	SPSS (Non Credit)	Ms Hira	XXX	2	0
	Enterpreneurship	Ms Hira	MGT-271	2	0
	Project Management	Mr Abdul Wajid	MGT-422	2	0
	AI and its application in Maritime industry	Cdr Mustafa Jan/Lt Cdr Adeel	CS-338	2	0
	Cyber security challenges and approches	Lt Ahmed/ Lt Taimoor	CS-327	0	1
	Chinese Language (Non Credit)	Karam Ali	CHN-101	3	0
			24	3	
				<i>27</i>	
V (BS) MS	Computer Networks & Data Comm (Th)	Lt Cdr Saad	CS-350	2	0
	Computer Networks & Data Comm (Lab)	Lt Cdr Zia	CS-350	0	3
	HRM	Lt Cdr Nashra Akbar	HRM- 441	2	0
	Probability & Statistics	Mr Zafar	MATH- 364	2	0
	Basic Naval Architecture	Lt Cdr Omer	ME- 341	2	0
	Electrical Circuits & Systems	Lt Cdr Sajid	EE- 314	3	0
	Basic Electronics	Lt Cdr Zain ul Hassan	EE-312	2	0
	English-III Service and Technical Writing	Lt Cdr Nashra Akbar	HU-311	2	0
	PN Core & Ethics Values	Lt Naseer PN	XXX	1	0
	Engineering Sciences(Th)	Dr Urfa	ME-340	2	0
	Engineering Sciences(Lab)	Mr Arsalan	ME-340	0	3



Engineering Sciences

CLASS	COURSE TITLE		CODE	TEACHING LOAD	
				Th	Pr
VIII ME	Professional Ethics	Dr.Hira Amjad	HU-222	2	0
	Project Management (Management Elective)	Eylia Abbas	ME-420	2	0
	Health Safety and Environment	Dr. Hira Amjad	ME - 424	1	0
	Internal Combustion Engines	Khurram J Hashmi	ME - 439	3	0
	IC Engines & Power Plants Lab	New 2 Lab Engineer	ME - 431	0	1
	Industrial Maintenance Management (Technical Elective - III)	Lt Cdr Mehdi Bhutto	DME-483	2	2
	PN Core Values & Ethics	Lt Naseer PN	xxx	1	0
	Final Year Project - II	Dr. Mudasir Shehzad	ME-499	0	4
VII ME	Entrepreneurship	Dr. Shaheer Ahmed	MGT - 271	2	0
	Introduction to Finite Element Analysis	Dr. Mudasir Shehzad	ME - 411	2	0
	Introduction to Finite Element Analysis Lab	Affan Ahmed		0	1
	Mechanical Vibrations	Capt. Dr Murtaza Hussain	ME-421	3	0
	Mechanisms and Mechanical Vibrations Lab	New 1Lab Engineer	ME-433	0	1
	Basic Naval Architecture (Technical Elective - II)	NA	ME- 413	2	0
	Chinese Language	Mr karam ali	CHN-101	3	0
	Power Plants	Dr Tahir Abdul Hussain Ratlamwala	ME-430	3	0
	Final Year Project - I	Dr. Mudasir Shehzad	ME-498	0	2
	PN Core & Ethics Values (PN Only)	Lt Naseer PN	xxx	1	0

VI ME	Mechanics of Machines	Saeed Ahmed	ME-310	3	0
	Introduction to Finite Element Analysis	Saeed Ahmed	ME-411	2	2
	Introduction to Finite Element Analysis Lab	Affan Ahmed		1	1
	Machine Design - II	Ziauddin Siddiqui	ME-320	2	0
	Heating Ventilating and Air Conditioning	Dr. Antash Najib	ME-343	2	0
	Applied AI & Machine Learning	Dr. Abbas Hussain	CS-333	1	1
	Applied AI & Machine Learning Lab			1	3
	Mechatronics & Robotics Engineering	Dr. Khurram Kamal	ME-345	2	2
	Mechatronics & Robotics Engineering Lab	Ayesha Swarar		1	3
	Heat Transfer and HVAC Lab	Ayesha Swarar	ME-332	1	3
V ME	Computer Aided Drawing	Affan Ahmed	ME-211	1	3
	Manufacturing Processes	Eylia Abbas	ME-342	2	2
	Manufacturing Processes Lab	Arslan Ahmed		1	3
	Heat and Mass Transfer	Sidra Zahid	ME-331	3	3
	Numerical Analysis	Ms Maria	MATH 334	2	1
	Numerical Analysis Lab				
	Internal Combustion Engines	Khurram J Hashmi	ME 448	2	2
	Internal Combustion Engines Lab			1	3
	Machine Design - I	Ziauddin Siddiqui	ME-218	3	3
	Thermodynamics-II	Sidra Zahid	ME-228	2	0
	Thermodynamics-II Lab	New 1Lab Engineer		0	1
	Engineering Economics (Social Sciences Elective)	Eylia Abbas	ME - 325	2	2

IV ME	Numerical Analysis	Ms Maria	MATH 334	2	1
	Numerical Analysis Lab				
	Fluid Mechanics - II	Dr. Adil Loya	ME-233	2	2
	Thermodynamics-II	p	ME-217	2	2
	Electronics Engineering	Lt Cdr Qurat ul Ain	EE-228	2	2
	Mechanics of Materials - II	Dr. Muhammad Asif	ME-212	3	3
	Mechanics of Materials Lab	Arslan Ahmed	ME - 216	1	3
	Fluid Mechanics lab	New 2 Lab Engineer	ME-337	1	3
	Electrical Engineering (only officer)	Sereen Atif	EE-117	2	2
	Thermodynamics lab	New 1 Lab Engineer	ME-232	1	3
	Electrical & Electronics Engineering lab	Mr Sajid Mehmood	EE -229	1	3
	III ME	Complex Variables and Transforms	Lt Cdr Ambreen	MATH-232	3
Mechanics of Materials I		Dr. Urfa Rasool	ME-210	3	3
Fluid Mechanics - I		Cdr. Dr. Syed M Tayyab	ME-230	3	3
Thermodynamics-I		Dr. Urfa Rasool	ME-130	3	3
Engineering Mechanics - II Dynamics		Dr. Adil Loya	ME 114	3	3
Engineering Mechanics Lab		Muhammad Sufiyan	ME 115	0	1
Civics & Community Engagement		Dr. Hira Amjad	CCE 401	1	0
Civics & Community Engagement - Lab				0	1

II ME	Linear Algebra & Differential Equations	Dr Alauddin	MATH-120	3	3
	Ideology and Consitution of Pakistan	Mr Ali Qasim (TVF)	HU - 127	2	2
	Engineering Mechanics-I: (Statics)	Muhammad Sufiyan	ME-113	3	3
	Electrical Engineering	Sereen Atif	EE-117	2	2
	Materials Engineering	Dr. Mudasir Shehzad	ME-229	2	2
	Computer Systems and Programming	Mr M Usman	ME-237	2	2
	Computer Systems and Programming Lab	Mr Liaquat Ali		1	1
	Engineering Drawing and Graphics	Muhammad Yawar	ME-122	2	2
Understanding of Quran-II	Dr Shams	HU -132	1	1	

Naval Articheture

CLASS	COURSE TITLE	FACULTY NAME	CODE	TEACHING LOAD	
				Th	Pr
VIII NA	Professional Ethics	DR MEHREEN	HU-222	2+0	2
	Project Management (Elective)	DR MEHREEN	ME-XXX	2+0	2
	Ship Hull survey & incident investigation	Mr Ali Hassan	NA-XXX	2+0	2
	Marine Fabrication Method LAB	MR FARHAN HABIB	NA-444	0+1	3
	Marine Fabrication Method	Lt Cdr Nauman	NA-444	3+0	3
	Ship Design (FYP)	RESPECTIVE SUPERVIOSORS	NA-499	0+3	
	PN Core & Ethics Values (PN Only)	Lt Naseer PN	xxxx	1	0
					12
VI NA	Numerical Analysis	DR JUNAID	MATH-334	2+1	5
	Probability and Statistics	Mr Zafar	MATH-364	2-0	2
	Ship Structure 2	LT CDR SAMEER	NA-314	3-0	3
	Ship Design and Production	Capt Dr Zeeshan	NA-443	2-0	2
	Corrision (Technical Elective I)	Cdr Dr Muntazir	NA-XXX	2-0	2
	Ship Manoeuvring LAB	Lt Cdr Obaid	NA-334	0+1	3
	Ship Manoeuvring	Cdr Dr Faheem	NA-334	3+0	3
					20



IV NA	Expository writing	Lt Cdr Fatima	ENGL-104	3-0	3
	Ship Structure 1	LT CDR NAUMAN	NA-211	3-0	3
	Ship Structure Lab	Farhan Habib	NA-212	0-1	3
	Basic Naval Architecture	LT CDR SHAKEEL	NA-240	3-0	3
	Hydrodynamics	DR WAQAR	NA-231	3-0	3
	Hydrodynamics Lab	Dr Mursaleen shahid	NA-232	0-1	3
	Introduction To Marine Manufacturing Processes	ASST PROF ALI HASSAN	NA-241	1+0	1
	Introduction To Marine Manufacturing Processes	MR FARHAN HABIB	NA-241	0+1	3
	Arts and Humanities Electives *	DR MEHREEN	HU-XXX	2-0	2
	Electrical Engg. (Defficient Course)	Ms Sereen atif		2-0	2
					24
				26	
II NA	Linear Algebra & Differential Equations	DR JUNAID	MATH-120	3-0	3
	Engineering Mechanics I: (Statics)	Lt Cdr Nauman	ME-113	3-0	3
	Engineering Drawing and Graphics	ASST PROF ALI HASSAN	ME-122	0-2	6
	Ideology and Constitution of Pakistan	Mr Ali Qasim (TVF)	HU-127	2-0	2
	Marine Materials Science and Engineering	Dr Waqar	NA-213	3-0	3
	Electrical Engineering	Lt Abdullah	EE-117	2-0	2
	Fundamentals of Programming Lab	Mr M Usman	CS-116	0-1	3
	Understanding of Quan- II	Dr Shams	HU-132	0-1	3
				25	

Electronics & Power Engineering

CLASS	COURSE TITLE	FACULTY NAME	CODE	TEACHING LOAD	
				Th	Pr
S-VIII WE /EE	Professional Ethics	Mr Abdul Wajid	HU-222	2	0
	Computer and Communication Networks (Th)	Mr Muhammad Mustaqim	EE-357	3	3
	Computer and Communication Networks (Lab)	Mr Muhammad Mustaqim	EE-357	1	3
	Applied Electronics & Sensor Technology (Th)	Cdr (R) Omar Zia	EE-495	3	3
	Applied Electronics & Sensor Technology (Lab)	Cdr (R) Omar Zia	EE-495	1	3
	Fundamentals of Naval Architecture		ME-207	2	2
	Final Year Design Project-II		EE-499	4	12
	Professional Ethics	Mr Abdul Wajid	HU-222	2	2
	Entrepreneurship	Mr Muhammad Usman	MGT-271	2	2
	Final Year Design Project-II		EE-499	4	12
	Elective V				
	Computer Vision	Dr Syed Waqad Ali	EE-474	3	3
	Power System Protection	Lt Cdr Mujahd Hussain	EE-364		
	University Elective				
	Data Structures & Algorithm (Th)	Mr Mubashir Tariq	CS-250	3	3
	Data Structures & Algorithm (Lab)	Mr Mubashir Tariq	CS-250	1	3
	Embedded System Design (Th)	Dr Muhammad Farhan	EE-423	3	3
	Embedded System Design (Lab)	Mr Talha Asif	EE-423	1	3

S-VII WE	Engineering Project Management	Mr Muhammad Usman	OTM-455	2	2
	Engineering Economics	Mr Muhammad Usman	ECO-130	2	2
	Industrial Electronics (Th)	Dr Nusrat Husain	EE-385	3	3
	Industrial Electronics (Lab)	Mr Talha Asif	EE-385	1	3
	Applied Control & Navigation Systems	Cdr Furqan Shafi	EE-493	3	3
	RF & Microwave Engineering (Th)	Cdr Dr Asghar Razzaqi	EE-346	3	3
	RF & Microwave Engineering (Lab)	Lt Cdr Mubashir	EE-346	1	3
	Final Year Design Project-I	FYP Supervisor	EE-498	2	6
	Community Services Learning		CSL-402		
			12	3	
S-VI WE/EE	Communication Systems (Th)	Dr Rashida Ali Memon	EE-351	3	3
	Communication Systems (Lab)	Mr Hashim Raza	EE-351	1	3
	Linear Control Systems (th)	Dr Lubna Moin	EE-371	3	3
	Linear Control Systems (Lab)	Mr Talha Asif	EE-371	1	3
	Digital Signal Processing (Th)	Dr Aiman Mughal	EE-330	3	3
	Digital Signal Processing (Lab)	Mr Hashim Raza	EE-330	1	3
	Numerical Methods	Mr Saqib Nauman	EE-351	3	3
	Elective I				
	Artificial Intelligence & Decision Support System	Lt Cdr Dr Gul Shhazad	EC-450	3	3
	Power Engineering	Dr Nusrat Husain	EE-366	3	3
	Power Electronics (Th)	Dr Ashraf Yahya	EE-368	3	0
Power Electronics (Lab)	Mr Sajid Mehmood	EE-368	1	3	

	Numerical Methods	Mr Saqib Nauman	MATH-351	3	3
	Linear Control Systems (Th)	Dr Lubna Moin	EE-371	3	3
	Linear Control Systems (Lab)	Mr Talha Asif	EE-371	1	3
	Instrumentation and Measurements (Th)	Mr Abdul Samiah	EE-381	3	3
	Instrumentation and Measurements (Lab)	Mr Talha Asif	EE-381	1	3
	Chinese Language	Mr Karam Ali			
	Power Electronics (Th)	Dr Ashraf Yahya	EE-368	3	3
	Power Electronics (Lab)	Mr Sajid Mehmood	EE-368	1	3
	Wireless Communication	Mr Muhammad Mustaqim	EE-356	3	3
				15	54
S-V WE	Digital Signal Processing (Th)	Dr Rashida Ali Memon	EE-330	3	3
	Digital Signal Processing (Lab)	Mr Hashim Raza	EE-330	1	3
	Electrical Machines (Th)	Dr Ashraf Yahya	EE-260	3	3
	Electrical Machines (Lab)	Mr Sajid Mehmood	EE-260	1	3
	Probability & Statistics	Lt Cdr Madiha	MATH-361	3	3
	Technical & Business Communication	Mr Syed Wajid Ali	HU-218	2	2
	Communication Systems (Th)	Dr Bilal Muhammad Khan	EE-351	3	3
	Communication Systems (Lab)	Mr Hashim Raza	EE-351	1	3
				16	3
S-IV WE	Expository Writing	Lt Cdr Atazaz	ENGL-104	3	3
	Electromagnetic Field Theory	Mr Muhammad Mustaqim	EE-241	3	3
	Microprocessor Systems (Th)	Mr Najeeb Iqbal	EE-222	3	3
	Microprocessor Systems(Lab)	Ms Farah Perveen	EE-222	1	3
	Linear Algebra	Dr Alauddin	MATH-122	3	3

Electronic Circuit Design (Th)	Dr Muhammad Farhan	EE-313	3	3
Electronic Circuit Design (Lab)	Ms Farah Perveen	EE-313	1	3

				2	0
S-III WE	Multivariable Calculus	Lt Cdr Mudassir Abbas	MATH-234	3	3
	Artificial Intelligence (as MDEE)	Dr Ihsanullah Khalil	CS-371	3	3
	Digital Logic Design (Th)	Mr Najeeb Iqbal	EE-221	3	3
	Digital Logic Design (Lab)	Lt Cdr Ali Naqi	EE-221	1	3
	Data Structures & Algorithm (Th)	Mr Mubashir Tariq	CS-250	3	3
	Data Structures & Algorithm (Lab)	Mr Mubashir Tariq	CS-250	1	3
	Electronic Devices & Circuits (Th)	Lt Cdr Dr Hasnain	EE-215	3	3
	Electronic Devices & Circuits (Lab)	Mr Sajid Mehmood	EE-215	1	3
				16	2
S-II WE	Understanding of Quran II	Dr Hayat Muhammad	HU 132	1	3
	Islamic Studies	Dr Shams ul Haq	HU-101	2	2
	Electrical Network Analysis (Th)	Mr Abdul Samiah	EE-211	3	3
	Electrical Network Analysis (Lab)	Ms Farah Perveen	EE-211	1	3
	Computer Programming (Th)	Mr Mubashir Tariq	CS-107	3	3
	Computer Programming (Lab)	Mr Liaquat Ali Khan	CS-107	1	3
	Ideology and Constitution of Pakistan	Ms Farah Naqvi	HU-127	2	2
	Differential Equations	Dr Asif Mansoor	MATH 108	3	3
	Engineering Drawing	Dr Shaheer	ME-109	2	6

Computer Sciences

CLASS	COURSE TITLE	FACULTY NAME	CODE	TEACHING LOAD	
				Th	Pr
CS- II	Object Oriented Programming	Dr Usama	CS-212	3-0	3
	Database Systems	Lt Cdr Majid PN	CS- 220	3-0	3
	Digital Logic Design	Cdr Omer PN (R)	EE- 223	2-1	5
	Multivariable Calculus	Lt Cdr Mudasir	MATH-234	3-0	3
	Linear Algebra	Ms Maha (TVF)	MATH-222	3-0	3
	Understanding of Quran-II	Dr Shams	HU-132	0	3
	Database Systems	Lt Cdr Shahbaz PN	CS- 220	0	3
	Object Oriented Programming Lab	Lt Owais	CS-212	0	3
	Calculus & analytical Geometry	Ms Maria	MATH 101	3-0	3
	Discrete Mathematics	Ms Maha (TVF)	MATH 161	3-0	3
					32
			20	5	