



# LJMMMA'S ACADEMIC CATALOGUE

SEMESTER 1	YEAR 1			
	Course Number	Course	Credits	Contact
	ENGL 112	English 1	3	3
	MATH 125	Mathematics 1 - PreCalculus: Algebra	3	4
	PHYS 150	Physics 1	4	5
	CHEM 111	Chemistry 1	4	5
	CIT 133	Information Tech	2	2
	SEAM 101	General Ship Knowledge 1	2	2
	SEM 100	Student Development Seminar	0	1
	PED 100	Physical Training	1	2
	ETECH 125	Technical Drawing	4	6
			<b>23</b>	<b>30</b>

SEMESTER 1	YEAR 2			
	Course Number	Course	Credits	Contact
	CIV 100	Civics	3	3
	PED 200	Physical Training	1	2
	SEM 200	Student Development Seminar	0	1
	Mech 120	Mechanical Science (Statics)	3	3
	ETECH 230	Electric Machines 1	3	3
	EPO 342	Marine Diesel Engine 3	3	3
	ETECH 240	Electronics	3	4
	EPO 216	Boiler and Steam Plant 1	3	3
	WTEC 202	Workshop Technology 2	6	6
	MECH 224	Thermodynamics and Fluid Mechanics 1	3	4
			<b>28</b>	<b>32</b>

SEMESTER 2	Course Number	Course	Credits	Contact
		MATH 225	Mathematics 2 - PreCalculus: Trigonometry	3
	PHYS 160	Physics 2	4	5
	ENGL 212	English 2	3	3
	SEAM 175	Ship Stability 1	3	3
	PED 101	Physical Training	1	2
	SEM 102	Student Development Seminar	0	1
	EPO 175	Marine Auxilliary Machines 1	4	4
	ETECH 115	Electrical Knowledge 1	3	3
	EPO 116	Marine Diesel Engine 1	4	4
			<b>25</b>	<b>29</b>

SEMESTER 2	Course Number	Course	Credits	Contact
		SEM 201	Student Development Seminar	0
	PED 201	Physical Training	1	2
	ETECH 260	Electric Machines 2	4	4
	EPO 316	Boiler and Steam Plant 2	3	3
	EPO 225	Pump & Pumping System 1	3	3
	WTECH 307	Workshop Technology 3 (Lathe)	6	6
	EPO 325	Marine Engineering 1	3	3
	MECH 324	Thermodynamics and Fluid Mechanics 2	3	4
	MECH 220	Mechanical Science 2 (Dynamics)	3	3
	MCOM 160	Maritime Communications	3	3
			<b>29</b>	<b>32</b>

SEMESTER 3	Course Number	Course	Credits	Contact
		SEAM 120	Ship Construction	4
	MLAW 200	Maritime Law	3	3
	GEOG 140	Geography	3	3
	PED 102	Physical Training	1	2
	SEM 103	Student Development Seminar	0	1
	EPO 275	Marine Auxiliary Machines 2	4	4
	EPO 312	Marine Diesel Engine 2	3	3
	ETECH 215	Electrical Knowledge 2	3	3
	WTECH 100	Workshop & Machining 1	6	6
	MATH 325	Mathematics 3 - Calculus	3	4
			<b>30</b>	<b>33</b>

SEMESTER 3	Course Number	Course	Credits	Contact
		PED 202	Physical Training	1
	SEM 202	Student Development Seminar	0	1
	MENV 235	Marine Environment	3	3
	SOSC 100	Ethics & Etiquette	2	2
	ETECH 270	Refridgeration & Air Conditioning	3	3
	EPO 350	Marine Engineering 2	3	3
	EPO 235	Engine Watch	3	3
	WTECH 307	Workshop Technology 3 (con't)	6	6
	EPO 275	Pump & Pumping Systems 2	4	4
			<b>25</b>	<b>27</b>

SEMESTER 4	Course Number	Course	Credits	Contact
		ETEC 295	Automation & Control	4
	WTECH 350	Electrical Workshop	4	4
			<b>8</b>	<b>8</b>

SEA TIME

Key:      Classes Highlighted Completed

\*SUBJECT TO CHANGE