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ACE RECOMMENDATIONS



Engineman (EN)



L=Lower Division Baccalaureate/Associate Degree
 U=Upper Division Baccalaureate
 V=Vocational Certificate
 G=Graduate

Military Progression: (The amount of credit reflected in this section is dependent upon a Sailor's rank.)

		Type	Semester Hours	Cumulative Hours
Fireman				
	Blueprint Reading	L	1	
	Introduction to Marine Engineering	L	3	
	Swimming (If qualified as a Swimmer, First Class)	L	1	
				5 L
Engineman, Third Class				
	Blueprint Reading	L	1	
	Boiler Operation and Maintenance	L	1	
	Refrigeration and Air Conditioning	L	1	
	Internal Combustion Engine Operation and Maintenance	L	3	
	Mechanical Systems Maintenance and	L	1	

	Repair			
				12 L
Engineman, Second Class (Replaces EN3 Credits)				
	Blueprint Reading	L	1	
	Boiler Operation and Maintenance	L	2	
	Refrigeration and Air Conditioning	L	2	
	Internal Combustion Engine Operation and Maintenance	L	4	
	Introduction to Computers	L	1	
	Mechanical systems Maintenance and Repair	L	2	
	Principles of Supervision	L	1	
	Record Keeping	L	1	
				19 L
Engineman, First Class (Replaces EN2 Credits)				
	Blueprint Reading	L	1	
	Boiler Operation and Maintenance	L	3	
	Refrigeration and Air Conditioning	L	3	
	Internal Combustion Engine Operation and Maintenance	L	6	
	Introduction to Computers	L	2	
	Mechanical Systems Maintenance and Repair	L	3	
	Principles of Supervision	L	2	
	Record Keeping	I	2	
				27 L
Chief Engineman (Replaces EN1 Credits)				
	Blueprint Reading	L	1	
	Boiler Operation and Maintenance	L	3	
	Refrigeration and Air Conditioning	L	3	
	Internal Combustion Engine Operation and Maintenance	L	6	
	Introduction to Computers	L	3	
	Mechanical Systems Maintenance and Repair	L	3	
	Principles of Supervision	L	3	
	Record Keeping	L	2	
	Management Practicum	U	3	
				29 L
				3 U

Senior Chief Engineman (Replaces ENC Credits)				
	Blueprint Reading	L	1	
	Boiler Operation and Maintenance	L	3	
	Refrigeration and Air Conditioning	L	3	
	Internal Combustion Engine Operation and Maintenance	L	6	
	Introduction to Computers	L	3	
	Mechanical Systems Maintenance and Repair	L	3	
	Principles of Supervision	L	3	
	Record Keeping	L	2	
	Management Practicum	U	4	
				29 L
				4 U
Master Chief Engineman (Replaces ENCS Credits)				
	Blueprint Reading	L	1	
	Boiler Operation and Maintenance	L	3	
	Refrigeration and Air Conditioning	L	3	
	Internal Combustion Engine Operation and Maintenance	L	6	
	Introduction to Computers	L	3	
	Mechanical Systems Maintenance and Repair	L	3	
	Principles of Supervision	L	3	
	Record Keeping	L	2	
	Management Practicum	U	6	
				29 L
				6 U

Initial Skills Training:

Recruit Training (Basic Training) (A-950-0001)				
	First Aid and Safety	L	1	
	Personal and Community Health	L	1	
	Personal Fitness and Conditioning	L	1	
				3 L
Engineering Common Core (A-651-0118)				
	Industrial Safety	L	2	
				5 L

Engineering Mechanical Core (A-651-0120)				
	Power Plant Operation and Maintenance	L	2	
				7 L

Follow on Training:

The following courses are available to personnel within the Engineman (EN) rating, but a given individual may not take all courses.

Air Compressor and Compressed Air Systems Component Maintenance (A-651-0070)				
	Mechanical Compressor Systems	L	2	
Auxiliary Machinery Controls, Governors and Regulators Maintenance (A-651-0069)				
	Machinery Controls, Governors, and Regulators Maintenance	L	2	
Barge Ferry Engineer (O) Level Maintenance (K-652-0297)				
	Basic Mechanical, Electrical, and Hydraulic System Maintenance	L	1	
	Basic Mechanical Maintenance	L	1	
Cargo Offload and Discharge System/Container Offloading and Transfer Systems (COLD/COTS) (K-652-0318)				
	Mechanical Systems Repair	L	1	
Diesel Engine, Class C, Module 1 (A-652-0321)				
	Diesel Engine (Theory)	L	2	
	Diesel Engine Troubleshooting and Maintenance	L	1	
Diesel Engine, Class C, Module 3 (A-652-0323)				
	Diesel Engine (Theory and Operation)	L	3	
	Diesel Engine Troubleshooting and Maintenance	L	2	

Diesel Engine Inspector Training and Certification (A-652-0311)				
	Advanced Diesel Engine Inspection or Repair Diagnosis	L	3	
	Diesel Engine Laboratory	L	1	
Engineering Hydraulic Systems and Components Basic (K-652-2146)				
	Basic Hydraulics	L	2	
Engineering Maintenance Principles, Practices, and Administration (A-651-0064)				
	Machinery Maintenance	L	1	
	Machinery Maintenance Laboratory	L	1	
FFG-7 Auxiliary Mechanical Systems Maintenance (A-652-0158)				
	Auxiliary Mechanical Systems Operation and Maintenance	V	2	
Light Airborne Multipurpose Systems Mk 3 Recovery Assist Securing Traversing Mechanical Technician (K-652-2205)				
	Electromechanical Systems	L	1	
	Hydromechanical Laboratory	L	1	
MCM Class Propulsion and Operator Maintenance (A-652-0340)				
	Diesel Engines and Auxiliaries	L	1	
	Gas Turbines and Generators	L	1	
Offshore Petroleum Discharge System Side Loadable Waring Tug (SLWT) Operations Technician (K-062-0101)				
	Small Boat Handling	L	3	
Offshore Petroleum Discharge System Beach				

Termination (K-062-0104)				
	*Credit is not recommended.			
Outboard Engine Operator Maintenance (J-652-0400)				
	Electrical Systems Troubleshooting	L	1	
	Mechanical Systems Troubleshooting	L	1	
	Small Gasoline Engines	L	1	
Outboard Motor Overhaul (K-652-0237)				
	Outboard Motor Repair and Service	L	2	
Pump Maintenance (A-651-0067)				
	Machinery Pump Repair	L	3	
	Precision Measuring Techniques	L	1	
Refrigeration and Air Conditioning Systems Technician (A-720-0010)				
	Refrigeration Technology	L	10	
	Refrigeration Theory	L	1	
Senior Enlisted Propulsion Engineering (A-651-0110)				
	Industrial Safety Management	U	1	
	Power Plant Facilities Management	U	4	
EN C Diesel Engine 16V149TI/Waste Heat System (A-652-0167)				
	Diesel Systems Troubleshooting and Maintenance	L	3	

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