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ACE RECOMMENDATIONS



Utilitiesman (UT)



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
Constructionman				
	Concrete and Soils Testing	L	1	
	First Aid	L	1	
	Introduction to Construction	L	3	
	Map and Compass Reading and Interpretation	L	1	
				6 L
Utilitiesman, Third Class				
	Heating, Ventilation, and Air Conditioning Maintenance and Repair	L	3	
	Introduction to Construction Operations	L	3	
	Plumbing Systems	L	3	
				15 L
Utilitiesman, Second Class (Replaces UT3 Credit)				

	Heating, Ventilation, and Air Conditioning Maintenance and Repair	L	3	
	Introduction to Construction Operations	L	3	
	Plumbing Systems	L	3	
	Principles of Supervision	L	1	
	Water and Sewer Installation	L	3	
				19 L
Utilitiesman, First Class (Replaces UT2 Credit)				
	Applied Physics	L	3	
	Blueprint Reading and Sketching	L	2	
	Computer Software Applications	L	3	
	Construction Management	L	2	
	Construction Plans and Specifications	L	2	
	Heating, Ventilation, and Air Conditioning Maintenance and Repair	L	3	
	Introduction to Construction Operations	L	3	
	Plumbing Systems	L	3	
	Principles of Supervision	L	2	
	Water and Sewer Installation	L	3	
				32 L
Chief Utilitiesman (Replaces UT1 Credit)				
	Applied Physics	L	3	
	Blueprint Reading and Sketching	L	2	
	Computer Software Applications	L	3	
	Construction Estimating	L	3	
	Construction Management	L	2	
	Construction Plans and Specifications	L	2	
	Heating, Ventilation, and Air Conditioning Maintenance and Repair	L	3	
	Introduction to Construction Operations	L	3	
	Plumbing Systems	L	3	
	Principles of Supervision	L	2	
	Water and Sewage Treatment Systems	L	3	
	Water and Sewer Installation	L	3	
	Human Resource Management	U	3	
	Practicum in Management	U	3	
				40 L
				6 U
Senior Chief Utilitiesman (Replaces UTC Credit)				
	Applied Physics	L	3	
	Blueprint Reading and Sketching	L	2	

	Computer Software Applications	L	3	
	Construction Estimating	L	3	
	Construction Management	L	2	
	Construction Plans and Specifications	L	2	
	Heating, Ventilation, and Air Conditioning Maintenance and Repair	L	3	
	Introduction to Construction Operations	L	3	
	Plumbing Systems	L	3	
	Principles of Supervision	L	2	
	Water and Sewage Treatment Systems	L	3	
	Water and Sewer Installation	L	3	
	Human Resource Management	U	3	
	Practicum in Management	U	6	
				40 L
				9 U
Master Chief Utilitiesman (Replaces UTCS Credit)				
	Applied Physics	L	3	
	Blueprint Reading and Sketching	L	2	
	Computer Software Applications	L	3	
	Construction Contracts and Agreements	L	3	
	Construction Estimating	L	3	
	Construction Management	L	2	
	Construction Plans and Specifications	L	2	
	Government Budgeting	L	3	
	Heating, Ventilation, and Air Conditioning Maintenance and Repair	L	3	
	Introduction to Construction Operations	L	3	
	Office Administration	L	3	
	Plumbing Systems	L	3	
	Principles of Supervision	L	2	
	Water and Sewage Treatment Systems	L	3	
	Water and Sewer Installation	L	3	
	Computer Software Applications	U	3	
	Human Resource Management	U	3	
	Practicum in Management	U	6	
	Operations Management	U	3	
				49 L
				15 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
Utilitiesman, Class A (A-720-0012)				
	Electricity	L	1	
	Heating, Air Conditioning, and Refrigeration	L	6	
	Plumbing	L	6	
				16 L

Follow on Training:

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

Advanced Utilitiesman (A-720-0013)				
	Basic Air Conditioning and Refrigeration	L	3	
	Basic Electricity	L	2	
	Basic Plumbing Systems	L	2	
	Boiler and Steam Generation	L	2	
	Water Treatment	L	2	
Construction Planning and Estimating Specialist (A-412-0012)				
	Computer Applications (for Construction Estimating)	L	3	
	Construction Estimating	L	3	
	Field Experience in Management (Scheduling)	U	2	

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