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ACE RECOMMENDATIONS



Engineering Aide (EA)



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
Engineering Aide, Third Class				
	Drafting	L	3	
	Introduction to Construction	L	3	
	Materials Testing	L	2	

	Construction Surveying	L	3	
				17 L
Engineering Aide, Second Class (Replaces EA3 Credits)				
	Construction Methods	L	3	
	Drafting	L	4	
	Introduction to Construction	L	3	
	Materials Testing	L	3	
	Principles of Supervision	L	1	
	Construction Surveying	L	3	
				23 L
Engineering Aide, First Class (Replaces EA2 Credits)				
	Construction Management	L	2	
	Construction Methods	L	3	
	Drafting	L	4	
	Earthwork Computation	L	3	
	Introduction to Construction	L	3	
	Materials Testing	L	3	
	Pavement Design	L	3	
	Principles of Supervision	L	2	
	Construction Surveying	L	3	
				32 L
Chief Engineering Aide (Replaces EA1 Credits)				
	Construction Management	L	3	
	Construction Methods	L	3	
	Drafting	L	4	
	Earthwork Computation	L	3	
	Introduction to Construction	L	3	
	Materials Testing	L	3	
	Pavement Design	L	3	
	Principles of Supervision	L	3	
	Records and Information Management	L	2	
	Construction Surveying	L	3	
				36 L
Senior Chief Engineering Aide (Replaces EAC Credits)				
	Construction Management	L	3	
	Construction Methods	L	3	
	Drafting	L	4	
	Earthwork Computation	L	3	

	Introduction to Construction	L	3	
	Materials Testing	L	3	
	Pavement Design	L	3	
	Principles of Supervision	L	3	
	Records and Information Management	L	2	
	Construction Surveying	L	3	
	Technical Writing	L	2	
	Field Experience in Construction Management	U	3	
	Human Resource Management	U	3	
	Management Problems	U	3	
				38 L
				9 U
Master Chief Constructionman (Replaces EACS Credits)				
	Construction Management	L	3	
	Construction Methods	L	3	
	Drafting	L	4	
	Earthwork Computation	L	3	
	Introduction to Construction	L	3	
	Materials Testing	L	3	
	Pavement Design	L	3	
	Principles of Supervision	L	3	
	Records and Information Management	L	2	
	Construction Surveying	L	3	
	Technical Writing	L	2	
	Construction Contracts/Specifications	U	3	
	Field Experience in Construction Management	U	3	
	Human Resource Management	U	3	
	Management Problems	U	3	
	Practicum in Management	U	6	
				38 L
				18 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 Aid, Class A (Technical Engineering) (A412-0010)				
	Computer Aided Drafting	L	3	
	Concrete Testing	L	1	
	Soils Testing	L	2	
	Surveying	L	3	
				12 L

Follow on Training:

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

Advanced Engineering Aid (A-412-0015)				
	Applied Mechanical-Electrical Building	L	1	
	Equipment Design	L	3	
	Applied Soil Mechanics	L	3	
	Applied Structural Design (Wood, Steel, Concrete)	L	3	
	Construction Surveying	L	2	
	Planning and Estimating	L	2	
	Technical Mathematics	L	1	
Construction Inspector (A-710-0022)				
	Building Codes and Specifications	L	3	
	Construction Materials	L	3	
	Service Systems (Mechanical and Electrical)	L	3	
	Construction Quality Control	U	3	

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