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ACE RECOMMENDATIONS



Builder (BU)



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
Builder, Third Class				
	Construction Techniques	L	2	
	Introduction to Construction	L	2	
	Mechanical Maintenance	L	2	
				12 L

Builder, Second Class (Replaces BU3 Credit)				
	Blueprint Reading	L	2	
	Construction Materials	L	2	
	Construction Techniques	L	3	
	Introduction to Construction	L	3	
	Mechanical Maintenance	L	2	
	Specifications	L	1	
	Technical Mathematics	L	1	
				20 L
Builder, First Class (Replaces BU2 Credit)				
	Blueprint Reading	L	2	
	Computer Software Applications	L	3	
	Construction Management	L	2	
	Construction Materials	L	3	
	Construction Techniques	L	4	
	Introduction to Construction	L	3	
	Mechanical Maintenance	L	2	
	Principles of Supervision	L	2	
	Specifications	L	2	
	Technical Mathematics	L	1	
				30 L
Chief Builder (Replaces BU1 Credit)				
	Blueprint Reading	L	3	
	Computer Software Applications	L	3	
	Construction Estimating	L	3	
	Construction Management	L	3	
	Construction Materials	L	3	
	Construction Techniques	L	4	
	Introduction to Construction	L	3	
	Mechanical Maintenance	L	2	
	Principles of Supervision	L	3	
	Records and Information Management	L	2	
	Specifications	L	2	
	Technical Mathematics	L	1	
				38 L
Senior Chief Builder (Replaces BUC Credit)				
	Blueprint Reading	L	3	
	Computer Software Applications	L	3	
	Construction Estimating	L	4	

	Construction Management	L	3	
	Construction Materials	L	3	
	Construction Techniques	L	4	
	Introduction to Construction	L	3	
	Mechanical Maintenance	L	2	
	Principles of Supervision	L	3	
	Records and Information Management	L	2	
	Specifications	L	2	
	Technical Mathematics	L	1	
	Human Resource Management	U	3	
	Practicum in Management	U	3	
				39 L
				6 U
Master Chief Builder (Replaces BUCS Credit)				
	Blueprint Reading	L	3	
	Computer Software Applications	L	3	
	Construction Estimating	L	4	
	Construction Management	L	3	
	Construction Materials	L	3	
	Construction Techniques	L	4	
	Introduction to Construction	L	3	
	Mechanical Maintenance	L	2	
	Principles of Supervision	L	3	
	Records and Information Management	L	2	
	Specifications	L	2	
	Technical Mathematics	L	1	
	Construction Contracts/Specifications	U	3	
	Human Resource Management	U	3	
	Practicum in Management	U	6	
				39 L
				12 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

Follow on Training:

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

Builder Tool and Equipment Maintenance Technician (A-712-0010)				
	Construction Equipment, Tool Repair and Maintenance	L	3	
	Shop Safety	L	2	
Construction Inspector (A-710-0022)				
	Building Codes and Specifications	L	3	
	Construction Materials	L	3	
	Construction Methods	L	3	
	Service Systems (Mechanical and Electrical)	L	3	
	Construction Quality Control	U	3	
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	
Forming and Reinforcing (A-710-0025)				
	Concrete Construction	L	2	
Light Frame Construction (A-710-0026)				
	Roof Framing Systems	L	2	

Masonry Unit Construction 2 (A-710-0028)			
	Masonry Construction	L	2
Roofing (A-710-0012)			
	Roofing Systems	L	2

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