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## ACE RECOMMENDATIONS



### Steelworker (SW)



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
<b>Constructionman</b>				
	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
<b>Steelworker, Third Class</b>				
	Rigging	L	1	
	Steel Layout and Fabrication	L	2	
	Welding	L	3	
				12 L
<b>Steelworker, Second Class (Replaces SW3 Credit)</b>				

	Rigging	L	2	
	Steel Layout and Fabrication	L	2	
	Welding	L	3	
				13 L
<b>Steelworker, First Class (Replaces SW2 Credit)</b>				
	Principles of Supervision	L	3	
	Rigging	L	3	
	Steel Layout and Fabrication	L	3	
	Welding	L	6	
	Material Requirements Planning	U	1	
				21 L
				1 U
<b>Chief Steelworker (Replaces SW1 Credit)</b>				
	Principles of Supervision	L	3	
	Rigging	L	3	
	Steel Layout and Fabrication	L	3	
	Welding	L	6	
	Material Requirements Planning	U	2	
	Practicum in Management	U	2	
				21 L
				4 U
<b>Senior Chief Steelworker (Replaces SWC Credit)</b>				
	Principles of Supervision	L	3	
	Rigging	L	3	
	Steel Layout and Fabrication	L	3	
	Welding	L	6	
	Material Requirements Planning	U	3	
	Practicum in Management	U	3	
				21 L
				6 U
<b>Master Chief Steelworker (Replaces SWCS Credit)</b>				
	Principles of Supervision	L	3	
	Rigging	L	3	
	Steel Layout and Fabrication	L	3	
	Welding	L	6	
	Construction Contracts/Specifications	U	3	
	Human Resource Management	U	3	
	Material Requirements Planning	U	3	
	Practicum in Management	U	6	

				21 L
				15 U

**Initial Skills Training:**

<b>Recruit Training (Basic Training) (A-950-0001)</b>				
	First Aid and Safety	L	1	
	Personal and Community Health	L	1	
	Personal Fitness and Conditioning	L	1	
				3 L
<b>Steelworkers Class A (A-711-0015)</b>				
	Blueprint Reading	L	2	
	Sheet Metal Design and Fabrication	L	3	
	Welding	L	6	
				14 L

**Follow on Training:**

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

<b>Advanced Steelworker (A-711-0018)</b>				
	Advanced Welding	L	8	
	Planning, Estimating, and Scheduling in Steel/Metal Fabrication	L	4	
	Technical Mathematics	L	1	
	Applied Mathematics	V	2	
<b>Steelworkers Class A (A-711-0015)</b>				
	Blueprint Reading	L	2	
	Sheet Metal Design and Fabrication	L	3	
	Welding	L	6	
<b>Construction Planning and Estimating Specialist (A-421-0012)</b>				
	Computer Applications (for Construction Estimating)	L	3	

	Construction Estimating	L	3	
	Field Experience in Management (Scheduling)	U	2	
<b>Elevated Causeway (K-062-0102)</b>				
	Marine Bridge Construction	L	2	

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