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ACE RECOMMENDATIONS



Fire Controlman (FC)



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
Seaman				
	Nautical Science (Navigation)	L	3	
	Nautical Science (Seamanship)	L	3	
	Swimming (If qualified as a Swimmer, First Class)	L	1	
				7 L
Fire Controlman , Third Class				
	AC Circuit Analysis	L	1	
	DC Circuit Analysis	L	1	
	Digital Electronics	L	1	
	Electronic Devices and Circuits	L	1	
	Hydraulics and Pneumatics	L	1	
	Introduction to Electronics	L	2	

	Microcomputer Systems Troubleshooting and Repair	L	1	
	Radar Systems	L	2	
				17 L
Fire Controlman, Second Class (Replaces FC3 Credit)				
	AC Circuit Analysis	L	1	
	DC Circuit Analysis	L	1	
	Digital Electronics	L	1	
	Electronic Devices and Circuits	L	1	
	Hydraulics and Pneumatics	L	2	
	Introduction to Electronics	L	3	
	Microcomputer Systems Troubleshooting and Repair	L	1	
	Radar Systems	L	2	
				19 L
Fire Controlman, First Class (Replaces FC2 Credit)				
	AC Circuit Analysis	L	1	
	DC Circuit Analysis	L	1	
	Digital Electronics	L	1	
	Electronic Devices and Circuits	L	1	
	Hydraulics and Pneumatics	L	2	
	Introduction to Electronics	L	3	
	Maintenance Management	L	2	
	Microcomputer Systems Troubleshooting and Repair	L	1	
	Principles of Supervision	L	2	
	Radar Systems	L	2	
				23 L
Chief Fire Controlman (Replaces FC1 Credit)				
	AC Circuit Analysis	L	1	
	DC Circuit Analysis	L	1	
	Digital Electronics	L	1	
	Electronic Devices and Circuits	L	1	
	Hydraulics and Pneumatics	L	2	
	Maintenance Management	L	3	
	Microcomputer Systems Troubleshooting and Repair	L	1	
	Principles of Supervision	L	3	
	Radar Systems	L	2	
				25 L

Senior Chief Fire Controlman (Replaces FCC Credit)				
	AC Circuit Analysis	L	1	
	DC Circuit Analysis	L	1	
	Digital Electronics	L	1	
	Electronic Devices and Circuits	L	1	
	Hydraulics and Pneumatics	L	2	
	Maintenance Management	L	3	
	Microcomputer Systems Troubleshooting and Repair	L	1	
	Principles of Supervision	L	3	
	Radar Systems	L	2	
	Management Practicum	U	3	
				25 L
				3 U
Master Chief Fire Controlman (Replaces FCCS Credit)				
	AC Circuit Analysis	L	1	
	DC Circuit Analysis	L	1	
	Digital Electronics	L	1	
	Electronic Devices and Circuits	L	1	
	Hydraulics and Pneumatics	L	2	
	Maintenance Management	L	3	
	Microcomputer Systems Troubleshooting and Repair	L	1	
	Principles of Supervision	L	3	
	Radar Systems	L	2	
	Management Practicum	U	3	
	Operations Management	U	3	
	Organizational Management	U	3	
				25 L
				9 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
Seamanship Apprentice (A-950-0070)				
	Introduction to Seamanship and Ship Operations	L	2	
				5 L
Fire Controlman, Class A, School Strand (A-100-0141)				
	Electromechanical Systems	L	3	
	Motor Control Laboratory	L	3	
	Servo Control	L	3	
				20 L
Advanced Electronics Technical Core (A-100-0148)				
	AC Circuits	L	3	
	AC Laboratory	L	1	
	Communication Receivers	L	3	
	Communication Receivers Laboratory	L	1	
	DC Circuits	L	3	
	DC Circuits Laboratory	L	1	
	Digital Logic Circuits	L	3	
	Digital Logic Circuits Laboratory	L	1	
	Solid State Electronics	L	3	
	Solid State Laboratory	L	1	
				40 L

Follow on Training:

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

Advanced Combat Direction System Block 0 Operator (J-221-0334)				
	*Credit is not recommended.			
AEGIS Combat System Maintenance Manager (S-121-0548)				
	Introduction to Computer Networks	L	3	
	OR			
	Management Information Systems	L	3	

AEGIS Computer Operation and Maintenance (S-150-0274)				
	Computer Systems Operation and Maintenance	L	3	
	Electromechanical Systems Troubleshooting and Maintenance	L	3	
AEGIS Display System Operating and Maintenance TRK 1 (S-150-0238)				
	Digital Systems Troubleshooting and Maintenance	L	3	
	Electronic Systems Troubleshooting and Maintenance	L	3	
Fire Control System/Operational Readiness Test System Operation and Maintenance (TRK 1) (S-104-0192)				
	Computer Peripherals Maintenance	L	1	
AEGIS FCS/ORTS Operation and Maintenance TRK 2 (S-104-0211)				
	Electromechanical Systems Troubleshooting	L	2	
	Electronic Systems Troubleshooting and Maintenance	L	3	
	Fundamentals of Digital Systems	L	3	
AEGIS Radar System AN/SPY-1A Operation and Maintenance TRK 1 (S-104-0191)				
	Electromechanical Control Systems	L	3	
	Electronic Systems Troubleshooting and Maintenance	L	3	
	Radar Systems	L	4	
AEGIS Radar System AN/SPY-1B/D Operation and Maintenance TRK 2 (S-104-0210)				
	Electronic Systems Troubleshooting	L	3	
	Radar Systems	L	1	
AEGIS Weapon System Mk7 Operation and Maintenance TRK 2 (S-121-0547)				
	Electronic Systems Troubleshooting and Maintenance	L	3	
AN/SYQ-27 Mission Planning System, Naval Fires Control System (NFCS) Operation and Maintenance				

(A-150-0052)				
	Electronic System Maintenance	L	1	
CV/CVN Combat Direction System (ASWM) Computer/Peripheral Subsystem Maintenance (A-150-0260)				
	Computer Operations	L	3	
	Computer Systems and Peripheral Equipment Maintenance and Troubleshooting	L	3	
CV/CVN/LHD Combat Direction System AN/UYQ-21 Display Maintenance Technician (A-150-0261)				
	Computer Systems Troubleshooting	L	3	
Enlisted Tactical Applications (J-221-0025)				
	*Credit is not recommended.			
FFG-7 Data Display Group Subsystem (FFG-7/36/61 Class Ships Data Group Subsystem Maintenance) (A-150-0136)				
	Electronic Systems Troubleshooting and Maintenance	L	6	
FFG-7/36/61 Class ships Computer/Peripheral Subsystem Maintenance (A-150-0135)				
	Computer Peripheral Repair	L	3	
	Advanced Computer Systems Organization	U	3	
	Computer Architecture	U	2	
Fire Control System (FCS) Mk 92 Maintenance (A-113-0080)				
	Computer System Architecture	L	3	
	Computer Systems Troubleshooting and Maintenance	L	3	
	Electronic Systems Troubleshooting and Maintenance	L	3	
	Radar Systems	L	3	
Global Command and Control System Common Operational Picture/Maritime (GCCS COP/M) (J-221-2311)				
	Computer Application	L	3	

	Information Management Systems	L	3	
Gun Computer System (GCS) MK 160 MOD 4/6 and Optical Sight System (OSS) MK46 MOD 0 Operation and Maintenance (A-113-0131)				
	Electronic Systems Troubleshooting and Maintenance	L	4	
	Troubleshooting Computer Systems	L	4	
Harpoon Weapon System AN/SWG-1A(V) Maintenance (J-113-1000)				
	Computer Systems and Organization	L	3	
	Computer Systems Troubleshooting and Maintenance	L	3	
Harpoon Weapon System AN/SWG(V)/1A(V) Engagement Planner (Surface Application) (J-113-1001)				
	*Credit is not recommended.			
Journeyman-Networking Core (J-Netcore) (Information Systems Administrator) (A-531-0046)				
	Computer Networking	L	3	
	TCP/IP Networking	L	2	
	Network Management and Control	U	3	
	Network Planning and Configuration	U	3	
Intelligence Center Maintenance (J-150-2019)				
	Computer Maintenance and Repair	L	2	
LHD Computer and Peripheral Equipment Maintenance (A-150-0271)				
	Computer Operations	L	2	
	Computer Systems and Peripheral Equipment Maintenance and Troubleshooting	L	3	
	Data Communications and Networking	L	2	
Micro-miniature Electronics Repair (A-100-0073)				
	Basic Electronic Fabrication Techniques	L	2	

Miniature Electronics Repair (A-100-0072)				
	Electronic Fabrication	L	3	
Miniature/Micro-miniature Electronic Repair Inspector (A-100-0058)				
	Electronics Maintenance and Troubleshooting	L	2	
Mk-23 Target Acquisition System (A-121-0471)				
	Computer System Operation	L	1	
	Electronic/Logic Troubleshooting	L	3	
	Radar Systems Operation and Maintenance	L	3	
NATO Seasparrow 7M Maintenance (A-104-0204)				
	Applied Control Systems	L	3	
	Computer Systems Troubleshooting and Maintenance	L	3	
	Computer Systems and Organization	L	2	
	Electronic Systems Troubleshooting and Maintenance	L	3	
	Radar Systems	L	3	
Tactical Command Support System 2 Manager (A-531-0021)				
	Basic Computer Operations	L	4	
Tactical Support Center (TSC) Systems Maintenance Technician (J-102-0364)				
	Computer Systems Troubleshooting and Maintenance	L	3	
	Electronic Systems Troubleshooting and Maintenance	L	3	

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