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ACE RECOMMENDATIONS



Aviation Electronics Technician (AT)



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
Airman			
Fundamentals of Aircraft Service/Maintenance	V	2	
			2 V
Aviation Electronic's Technician, Third Class			
AC Circuits	L	2	
Computer Systems and Organization	L	2	
DC Circuits	L	2	
Digital Principles	L	2	
Electronic Communications	L	2	
Electronic Devices and Circuits	L	2	
Electronic Systems Troubleshooting and Maintenance	L	3	
Introduction to Electronics	L	3	

				18 L
				2 V
Aviation Electronics Technician, Second Class (Replaces AT3 Credit)				
	AC Circuits	L	2	
	Computer Systems and Organization	L	3	
	DC Circuits	L	2	
	Digital Principles	L	2	
	Electronic Communications	L	2	
	Electronic Devices and Circuits	L	2	
	Electronic Systems Troubleshooting and Maintenance	L	3	
	Introduction to Electronics	L	3	
				19 L
				2 V
Aviation Electronics Technician, First Class (Replaces AT2 Credit)				
	AC Circuits	L	2	
	Computer Systems and Organization	L	3	
	DC Circuits	L	2	
	Digital Principles	L	2	
	Electronic Communications	L	2	
	Electronic Devices and Circuits	L	2	
	Electronic Systems Troubleshooting and Maintenance	L	3	
	Introduction to Electronics	L	3	
	Maintenance Management	L	2	
	Principles of Supervision	L	2	
	Records and Information Management	L	2	
				25 L
				2 V
Chief Aviation Electronics Technician (Replaces AT1 Credit)				
	AC Circuits	L	2	
	Computer Systems and Organization	L	3	
	DC Circuits	L	2	
	Digital Principals	L	2	
	Electronic Communications	L	2	
	Electronic Devices and Circuits	L	2	

	Electronic Systems Troubleshooting and Maintenance	L	3	
	Introduction to Electronics	L	3	
	Maintenance Management	L	3	
	Principles of Supervision	L	3	
	Records and Information Management	L	3	
				28 L
				2 V
Senior Chief Aviation Electronics Technician (Replaces ATC Credit)				
	AC Circuits	L	2	
	Computer Systems and Organization	L	3	
	DC Circuits	L	2	
	Digital Principles	L	2	
	Electronic Communications	L	2	
	Electronic Devices and Circuits	L	2	
	Electronic Systems Troubleshooting and Maintenance	L	3	
	Introduction to Electronics	L	3	
	Maintenance Management	L	3	
	Principles of Supervision	L	3	
	Records and Information Management	L	3	
	Organizational Management	U	3	
	Practicum in Management	U	3	
				28 L
				6 U
				2 V
Master Chief Aviation Electronics Technician (Replaces ATCS Credit)				
	AC Circuits	L	2	
	Computer Systems and Organization	L	3	
	DC Circuits	L	2	
	Digital Principles	L	2	
	Electronic Communications	L	2	
	Electronic Devices and Circuits	L	2	
	Electronic Systems Troubleshooting and Maintenance	L	3	
	Introduction to Electronics	L	3	
	Maintenance Management	L	3	
	Principles of Supervision	L	3	

	Records and Information Management	L	3	
	Communication Techniques for Managers	U	3	
	Field Experience in Management	U	3	
	Interpersonal Skills	U	3	
	Leadership Principles	U	3	
	Operations Management	U	4	
	Organizational Behavior and Management	U	4	
	Organizational Management	U	3	
	Practicum in Management	U	3	
	Applied Leadership	G	1	
				28 L
				26 U
				1 G
				2 V

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
Avionics Common Core, Class A1 (C-100-2020)				
	AC Circuits	L	2	
	Aviation Fundamentals	L	2	
	DC Circuits	L	2	
	Solid State Electronics	L	2	
				11 L
Aviation Technician Level 1 Strand, Class A1 (C-100-2017)				
	DC/AC Circuits	L	3	
	Electronic Communications	L	3	
	Radar Principles	L	3	
	Solid State Electronics	L	3	
				23 L
Aviation Technician O Level Strand, Class A1 (C-100-2018)				
	Aircraft Electrical and Electronic Systems	L	3	
				26 L
Aircrewman Candidate, Class A (Q-050-1500)				

	Lifesaving	L	2	
	Outdoor Safety and Survival	L	2	
	Physical Training	L	3	
				33 L

Follow on Training:

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

Aircraft Sealed Instrument Repair Intermediate Maintenance (C-602-3019)				
	*Pending Evaluation			
AN/AAM-60 (V) 2 Electro-Optical Systems Test Set Intermediate Maintenance (C-102-3572)				
	Electro-Optical Laboratory Applications	L	1	
	Operational Analysis and Fault Isolation	L	8	
AN/AAS-36 Infrared Detection System Intermediate Maintenance (C-198-3571)				
	Electro-Optical Systems Troubleshooting and Maintenance	L	3	
AN/ALO-99 Jamming Transmitters Intermediate Maintenance (C-102-4952)				
	Electronic Communications	L	2	
	Electronic Troubleshooting and Maintenance	L	2	
AN/APS-115B Search Radar System Intermediate Maintenance (C-100-3571)				
	*Pending Evaluation			
AN/AQH-4 (V) 2 and AN/AQH-4A (V) 2 Sound Recorder/Reproducer Set Intermediate Maintenance (C-102-3596)				
	Electronic Systems Troubleshooting and Maintenance	L	3	
AN/ARC-159 (V) Transceivers and Associated				

Equipment Intermediate Maintenance (C-102-3116)				
	Maintenance of Aircraft UHF Transceivers in Laboratory	L	1	
	Theory and Maintenance of Aircraft UHF Transceivers	L	2	
AN/ARC-182 (V) Communication Equipment Intermediate Maintenance (C-102-4017)				
	Electronic Communications Equipment Testing Theory	L	4	
AN/ASA-65 (V) Magnetic Compensator Group Intermediate Maintenance (C-102-3594)				
	Electronic Systems Troubleshooting and Maintenance	L	3	
AN/ASM-686 Intermediate Avionics Test Set Operator/Maintainer (C-102-4043)				
	Electronic Systems Theory and Operation	L	3	
	Electronic Troubleshooting and Operational Analysis	L	4	
AN/USM-484 Hybrid Test System Operator/Maintainer Intermediate Maintenance (C-198-3063)				
	Avionics/Computer Systems Operation	U	5	
	Avionics Test Equipment	U	4	
	Computer Programming Languages	U	2	
	Fault Isolation and Testing	U	2	
AN/USM-470 (V) 2 Avionics Test Set Technician Intermediate Maintenance (C-198-3874)				
	Avionics and Computer Systems	L	6	
	Avionics Test Equipment	L	3	
	Fault Isolation and Testing	L	2	
AN/USM-484 Hybrid Test System Advanced Intermediate Maintenance Activity Technician (C-198-3876)				
	Computer Operating Systems Maintenance	L	3	
	Fault Isolation and Troubleshooting	L	2	

	Computer Hardware Maintenance	U	5	
	Computer Programming	U	4	
C-2A (Reprocured) Avionics Systems Maintenance (C-102-9496)				
	Avionics Systems Fundamentals	L	2	
	Avionics Systems Troubleshooting and Maintenance	L	2	
EA-6B Integrated Electronic Attack System (CAREER) Organizational Maintenance (C-102-9742)				
	Electronic Systems Troubleshooting and Repair	L	2	
E-2C Search Radar Set (Transmitter) Intermediate Maintenance (C-102-3486)				
	Avionics Systems Fundamentals	L	2	
	Avionics Systems Troubleshooting and Maintenance	L	2	
E-6A Aircraft Wiring and Connector Repair Organizational Maintenance (C-602-3514)				
	High Reliability Soldering	L	1	
F/A-18 Avionics Systems (CAREER) Organizational Maintenance (C-102-9963)				
	Testing Aircraft Electronic Equipment and System	L	4	
General Purpose Electronic Test Equipment Calibration and Maintenance (C-198-6671)				
	Electronic Test Equipment	L	6	
	Electronic Systems Troubleshooting and Maintenance	L	3	
	Electronic Theory	L	2	
	Electronic Communications	U	1	
H-46 Automatic Flight Control Systems (AFCS) Organizational Maintenance (C-602-3428)				
	Helicopter Flight Controls	L	1	
Intermediate Level Calibration of Physical/Dimensional Test and Measuring (C-198-				

3034)				
	Instrument Calibration (Mechanical Measuring)	L	3	
	Instrumentation Principles (Basic)	L	2	
Microminiature Electronics Repair (A-100-0073)				
	Basic Electronic Fabrication Techniques	L	2	
Miniature Electronics Repair (A-100-0072)				
	Electronic Fabrication	L	3	
Miniature/Microminiature Electronic Repair Inspector (A-100-0058)				
	Electronics Maintenance and Troubleshooting	L	2	
OJ-615/ALM Countermeasures Test Console Intermediate Maintenance (C-198-3763)				
	Digital Electronics	L	1	
	Electronic Systems Troubleshooting and Repair	L	2	
	Introduction to Electronics	L	1	
P-3 Connector and Wiring Repair Organizational Maintenance (C-602-3573)				
	Manufacture, Troubleshooting and Repair of Electrical Wire Harness Assemblies	V	2	
P-3C Flight Engineer System Familiarization (C-050-3531)				
	Aircraft Systems Theory and Operation	L	4	
P-3C Avionics (CAREER) Organizational Level Maintenance (C-102-9587)				
	Avionics Systems Laboratory Applications	L	1	
	Operational Analysis and Troubleshooting	L	3	

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