

# JOINT SERVICES TRANSCRIPT



\*\*UNOFFICIAL\*\*

**Name:** CG RATING ROADMAP, ET  
**SSN:** XXX-XX-XXXX  
**Rank:** Chief Warrant Officer 4 Electronics Specialty (W4)  
**Status:** Active

**Transcript Sent To:**  
 CG RATING ROADMAP, ET

### Military Course Completions

Military Course ID	ACE Identifier Course Title Location-Description-Credit Areas	Dates Taken	ACE Credit Recommendation	Level
566666	<b>CG-2205-0035</b> <b>Recruit Training:</b> Upon completion of the course, the student will be able to demonstrate knowledge and skills in the following areas: courtesies, drills, and ceremonies; military justice and codes of conduct; security regulations; seamanship uniform standards, medals, and awards; career development; first aid and survival; fitness, wellness, and quality of life; Coast Guard history, traditions and values; safety; damage control; small arms; Coast Guard organization; communication; watchstanding; administration and personal finances; leadership and supervision, and public affairs.	12-DEC-2008 to 02-FEB-2009	<ul style="list-style-type: none"> <li>• Beginning Swimming 1 SH</li> <li>• Boating/Seamanship 1 SH</li> <li>• Military Science 2 SH</li> <li>• Personal Fitness/Conditioning 1 SH</li> <li>• Personal Health And First Aid 1 SH</li> </ul> (8/04)(8/04)	L
500248	<b>CG-1715-0149</b> <b>Advanced Analog Electronics Technology:</b> Reserve Training Center Yorktown, VA Upon completion of the course, the student will be able to operate, maintain, and troubleshoot electrical and electronic equipment which incorporates analog electronics technology and apply a knowledge of semiconductor circuits by using appropriate test equipment during circuit analysis.	14-JAN-2010 to 15-JAN-2010	<ul style="list-style-type: none"> <li>• Solid State Electronics 4 SH</li> </ul> (8/10)(8/10)	L

340720	<b>CG-1717-0013</b>	11-JUN-2010	to	15-JUN-2010		
	<b>Leadership and Management (LAMS):</b>					
	Coast Guard Training Center Petaluma, CA					
	Upon completion of the course, the student will be able to recognize and apply styles of leadership; analyze situations and select appropriate leadership techniques; practice constructive communication skills; and apply motivation methods for the performance improvements of subordinates.					
	• Organizational Development				3 SH	U
	(8/09)(8/09)					
502203	<b>CG-2202-0009</b>	10-DEC-2010	to	14-DEC-2010		
	<b>Apprentice Leadership Program:</b>					
	Coast Guard Training Center Petaluma, CA					
	Upon completion of the course, the student will be able to demonstrate communication processes; identify stress factors; prepare a personal budget; influence others to achieve a desired outcome; and support an environment of respect and diversity of others.					
	• Leadership				1 SH	L
	(2/11)(2/11)					
210060	<b>CG-1715-0108</b>	10-NOV-2010	to	29-DEC-2010		
	<b>Electronics Technician Class "A" School:</b>					
	Training Center Petaluma, CA					
	Upon completion of the course, the student will be able to understand and apply direct current (DC) circuit theory and alternating current (AC) circuit theory to troubleshoot and repair electronic equipment; troubleshoot and repair analog circuit systems; understand and apply digital logic and microcomputer principles to equipment repair problems; analyze problems with synchro and servo systems and effect repairs; troubleshoot and repair radio frequency (RF) equipment and demonstrate safe work procedures for effecting the repair of electronic equipment.					
	• Ac Circuits				3 SH	L
	• Analog Circuits				3 SH	L
	• Dc Circuits				3 SH	L
	• Digital Electronics				3 SH	L
	• Electronics Maintenance And Troubleshooting				3 SH	L
	• Microprocessors				3 SH	L
	• Radio Frequency Electronics Troubleshooting And Repair				3 SH	L
	• Synchros And Servos				3 SH	L
	(12/10)(5/13)					
0222-3	<b>CG-1715-0146</b>	15-OCT-2011	to	20-OCT-2011		
	<b>Electronics Technician Second Class by Correspondence:</b>					
	Coast Guard Institute Oklahoma City, OK					
	Upon completion of the course, the student will be able to maintain control of electronic and electrical equipment, perform audits, provide appropriate military documentation and military messages (casualty reports, etc.), operate and train personnel in the use of electronic test equipment, perform emergency destruction, and perform both preventative and corrective maintenance on communication and navigational equipment.					
	• Electronic Systems Troubleshooting				3 SH	L
	• Industrial Safety				1 SH	L
	• Materials Control				2 SH	L
	(2/06)(9/10)					



- Digital Electronics 3 SH L
- Electronic Devices And Circuits 3 SH L
- Electronic Systems Troubleshooting And Maintenance 3 SH L
- Principles Of Instrumentation 3 SH L

(6/05)(6/05)

ET2 **CGR-ET-003** 01-JAN-2009**Electronics Technician:**

Operates, maintains, repairs, calibrates, tunes, and adjusts electronic equipment used for communication, detection, recognition, identification, navigation, and electronic surveillance. Has knowledge of electricity/electronics; reads and interprets schematic diagrams; uses electronic test equipment to localize and replace faulty components.

Provides technical guidance to subordinate personnel; performs preventive maintenance on electronic equipment; keeps equipment maintenance logs.

- Basic AC/DC Theory 3 SH L
- Digital Electronics 3 SH L
- Electronic Devices And Circuits 3 SH L
- Electronic Systems Troubleshooting And Maintenance 3 SH L
- Principles Of Instrumentation 3 SH L
- Technical Report Writing 2 SH L

(6/05)(6/05)

ET1 **CGR-ET-003** 01-FEB-2009**Electronics Technician:**

Operates, maintains, repairs, calibrates, tunes, and adjusts electronic equipment used for communication, detection, recognition, identification, navigation, and electronic surveillance. Has knowledge of electricity/electronics; reads and interprets schematic diagrams; uses electronic test equipment to localize and replace faulty components.

Provides technical guidance to subordinate personnel; performs preventive maintenance on electronic equipment; keeps equipment maintenance logs.

Prepares preventive maintenance schedules and work requests; maintains equipment status reports; supervises shipping and handling procedures.

- Basic AC/DC Theory 3 SH L
- Digital Electronics 3 SH L
- Electronic Devices And Circuits 3 SH L
- Electronic Systems Troubleshooting And Maintenance 3 SH L
- Maintenance Management 3 SH L
- Personnel Supervision 2 SH L
- Principles Of Instrumentation 3 SH L
- Technical Report Writing 2 SH L

(6/05)(6/05)

ETC **CGR-ET-003** 01-MAR-2009**Electronics Technician:**

Operates, maintains, repairs, calibrates, tunes, and adjusts electronic equipment used for communication, detection, recognition, identification, navigation, and electronic surveillance. Has knowledge of electricity/electronics; reads

and interprets schematic diagrams; uses electronic test equipment to localize and replace faulty components. Provides technical guidance to subordinate personnel; performs preventive maintenance on electronic equipment; keeps equipment maintenance logs.

Prepares preventive maintenance schedules and work requests; maintains equipment status reports; supervises shipping and handling procedures.

Supervises the operation of the electronic shop; supervises the use, filing, and maintenance of publications, logs, and records; plans, organizes, and administers the maintenance program for the repair of electronic equipment; generates work requests; plans and supervises on-the-job training programs; prepares and submits budget requests; organizes and maintains technical library.

• Basic AC/DC Theory	3 SH	L
• Digital Electronics	3 SH	L
• Electronic Devices And Circuits	3 SH	L
• Electronic Systems Troubleshooting And Maintenance	3 SH	L
• Maintenance Management	3 SH	L
• Personnel Supervision	3 SH	L
• Principles Of Instrumentation	3 SH	L
• Technical Report Writing	2 SH	L
• Field Experience In Management	3 SH	U

(6/05)(11/12)

ETCS

**CGR-ET-003** 01-APR-2009

**Electronics Technician:**

Operates, maintains, repairs, calibrates, tunes, and adjusts electronic equipment used for communication, detection, recognition, identification, navigation, and electronic surveillance. Has knowledge of electricity/electronics; reads and interprets schematic diagrams; uses electronic test equipment to localize and replace faulty components.

Provides technical guidance to subordinate personnel; performs preventive maintenance on electronic equipment; keeps equipment maintenance logs.

Prepares preventive maintenance schedules and work requests; maintains equipment status reports; supervises shipping and handling procedures.

Supervises the operation of the electronic shop; supervises the use, filing, and maintenance of publications, logs, and records; plans, organizes, and administers the maintenance program for the repair of electronic equipment; generates work requests; plans and supervises on-the-job training programs; prepares and submits budget requests; organizes and maintains technical library.

Serves as enlisted technical or specialty expert; plans, organizes, and directs personnel in the operation and maintenance of electronics equipment; plans and administers on-the-job training programs; supervises the preparation of reports.

• Basic AC/DC Theory	3 SH	L
• Digital Electronics	3 SH	L
• Electronic Devices And Circuits	3 SH	L
• Electronic Systems Troubleshooting And Maintenance	3 SH	L
• Maintenance Management	3 SH	L
• Personnel Supervision	3 SH	L
• Principles Of Instrumentation	3 SH	L
• Technical Report Writing	2 SH	L
• Field Experience In Management	3 SH	U
• Field Experience In Project Management	3 SH	U

(6/05)(6/05)

ETCM

**CGR-ET-003**

01-MAY-2009

**Electronics Technician:**

Operates, maintains, repairs, calibrates, tunes, and adjusts electronic equipment used for communication, detection, recognition, identification, navigation, and electronic surveillance. Has knowledge of electricity/electronics; reads and interprets schematic diagrams; uses electronic test equipment to localize and replace faulty components.

Provides technical guidance to subordinate personnel; performs preventive maintenance on electronic equipment; keeps equipment maintenance logs.

Prepares preventive maintenance schedules and work requests; maintains equipment status reports; supervises shipping and handling procedures.

Supervises the operation of the electronic shop; supervises the use, filing, and maintenance of publications, logs, and records; plans, organizes, and administers the maintenance program for the repair of electronic equipment; generates work requests; plans and supervises on-the-job training programs; prepares and submits budget requests; organizes and maintains technical library.

Serves as enlisted technical or specialty expert; plans, organizes, and directs personnel in the operation and maintenance of electronics equipment; plans and administers on-the-job training programs; supervises the preparation of reports.

Serves as senior enlisted technical or specialty administrator; ensures maximum efficiency of the work force and the equipment; manages the operation and maintenance procedures of electronic equipment; prepares general correspondence concerning fiscal, supply, and administrative matters; assists in the formulation of plans, policies, and budget requirements; may supplement the officer corps in the overall supervision and administration of personnel and equipment; may also supervise personnel in other specialty areas.

• Basic AC/DC Theory	3 SH	L
• Digital Electronics	3 SH	L
• Electronic Devices And Circuits	3 SH	L
• Electronic Systems Troubleshooting And Maintenance	3 SH	L
• Maintenance Management	3 SH	L
• Personnel Supervision	3 SH	L
• Principles Of Instrumentation	3 SH	L
• Technical Report Writing	2 SH	L
• Field Experience In Management	6 SH	U
• Field Experience In Project Management	6 SH	U

(6/05)(6/05)

ELC4

**CGW-ELC-003**

01-SEP-2009

**Electronics:**

Warrant officers serving in the specialty of electronics are technical specialists in the field of ship and shore, electronic equipment. Electronic equipment is defined as any equipment which transmits or receives intelligence by electrical or electromagnetic means (including landline and sonar equipment). They serve as officers in charge of electronics repair shops and as assistants to electronics officers; instructors in theory and repair of electronic equipment; and as command and staff officers concerning inspections, uses, capabilities, limitations, and reliability of electronic systems and equipment. They plan, direct, and supervise practices and procedures for maintenance and repair of electronic equipment; analyze, solve, and correct electronic operational and maintenance problems; and prepare, maintain, and submit personnel and material records, reports, and accounts.

• Communication	3 SH	U
• Computer Networks	3 SH	U
• Electronic Communication	3 SH	U

• Operational Management	3 SH	U
• Project Management	3 SH	U
• Supervision	3 SH	U
(2/09)(2/09)		

**NONE ASSIGNED -- Occupation not evaluated by ACE or not evaluated during the time frame held by service member.**

### College Level Test Scores

NONE

### Other Learning Experiences

This section provides a record of the service member's learning experiences that do not have credit recommended for one or more of the following reasons:

- (1) Course has not been evaluated by ACE.
- (2) Class attendance dates were not recorded in the service member's record.
- (3) Course was not completed during the ACE evaluation period.
- (4) Course was not evaluated by ACE at this specific location.

Course ID	Date Taken	Title	Location	Reason
0122-3	05-NOV-2011	Electronics Technician First Class	Coast Guard Institute Oklahoma City, OK	1

**END OF TRANSCRIPT**

**\*NOTICE TO ALL TRANSCRIPT REVIEWERS:**

**FOR FULL EXPLANATIONS OF ALL ITEMS FLAGGED ON THIS TRANSCRIPT, PLEASE REFER TO  
LEGEND FOLLOWING LAST PAGE OF TRANSCRIPT.**

## JST Official Transcript Explanation

The American Council on Education (ACE) is the nation's unifying voice for higher education. ACE serves as a consensus leader on key higher education issues and seeks to influence public policy through advocacy, research, and program initiatives. ACE's Military Programs evaluates formal service courses and occupations approved by a central authority, employing the services of teams of subject-matter specialists from colleges and universities (professors, deans, and other academicians) that, through the discussion and the application of evaluation procedures and guidelines, reach consensus on content, description, and amount of credit to be recommended for selected courses and occupations. For comprehensive information on the ACE Military Evaluation process, consult the Course and Occupation Evaluation Systems, described in the online Guide to the Evaluation of Educational Experiences in the Armed Services at: <http://www.militaryguides.acenet.edu/AboutCrEval.htm>.

ACE, the American Association of Collegiate Registrars and Admissions Officers (AACRAO), and the Council for Higher Education Accreditation have developed a set of guidelines contained in the Joint Statement on the Transfer and Award of Credit (<http://www.militaryguides.acenet.edu/JointStatement/htm>) that are intended to serve as a guide for institutions developing or reviewing policies dealing with transfer, acceptance and award of credit for courses and occupations completed in a variety of institutional and extraintitutional settings, including the military. More information on guidelines for awarding credit for courses and occupations appearing on JST transcripts is contained in The AACRAO 2003 Academic Record and Transcript Guide.

Service members may request copies of JST transcripts directly from the Operation Centers at <https://jst.doded.mil>. ACE does not issue these transcripts or make any adjustments to missing or incorrect information contained in them. Service members must contact the respective service specific Operations Centers for adjustments or corrections to the transcripts. Colleges and universities may also receive web-based official copies of these documents by contacting the JST Operations Center at [jst@doded.mil](mailto:jst@doded.mil).

### Understanding JST Transcripts

The full exhibit and description for courses and occupations listed on JST transcripts can be found in the Guide to the Evaluation of Educational Experiences in the Armed Services which is available only online at: (<http://www.militaryguides.acenet.edu>) and updated on a daily basis as new courses and occupations are evaluated for recommended credit.

Key to transcript terms:

**Military Course ID** - This is the number the military service has assigned for this particular course.

**SH** - Semester hours.

**ACE Identifier** - The number ACE assigns a particular course. Courses are identified by a 2-letter prefix that designates the military service (AF - Air Force, AR - Army, CG - Coast Guard, DD - Department of Defense, MC - Marine Corps, and NV - Navy), followed by a unique eight-digit course identifier.

**ACE Credit Recommendation** is listed in semester hours, in the following categories:

V = Vocational; L = Lower level (freshman or sophomore level); U = Upper level (Junior or Senior Level); G = Graduate level.

**Dates Taken/Dates Held** - Courses and occupations will normally have a start and end date that will show the time period the course was completed or the occupation was held.

**Location** - Valid location(s) where the course was completed.

**Occupational Codes:**

**Army MOS:**

**MOS** - Army MOS has 5 digits. The first 3 digits identify the occupational specialty and the last 2 digits identify the skill level (E1-E4 = skill level 10; E5 = skill level 20; E6 = skill level 30; E7 = skill level 40; E8 = skill level 50; E9 = skill level 60).

**Navy Rates and Ratings:**

**NER** - Navy enlisted rates are occupation identifications assigned to personnel at paygrades E-1 to E-9. Each general rate involves the performance of entry-level tasks and leads to one or more ratings. Career patterns from recruit to master chief petty officer are identified by 4 to 5-digit codes.

**NEC** - The NEC Structure supplements the Enlisted Rating Structure by identifying skills requiring more specific identification than that provided by general rates and ratings and that are not rating-wide requirements. Selected NECs have been evaluated by ACE to date.

**LDO, NWO** - Limited Duty Officer, Navy Warrant Officer - Technical officer specialists who perform duties that are technically oriented, with skills acquired through experience and training that are limited in scope to other officer categories. These specialties are normally identified by 4 digits, each successively providing more precise identification of the individual holder.

**Marine Corps:**

**MCE** - an MOS has 4 digits and a descriptive title; the first 2 digits normally describe the occupational field and the last 2 digits identify the promotional level and specialty within the occupation.

**MCO** - officer MOS.

**Coast Guard:**

**CGA** - Coast Guard officer aviation competencies.

**CGR** - Enlisted rating structure used for classified enlisted personnel and qualifications, with career levels from recruit to master chief petty officer.

**CGW** - Coast Guard Warrant Officers are technical officer specialists who perform duties that are technically oriented and acquired through experience and training that is limited in scope and relation to other officer categories.

**MATMEP** - Maintenance Training Management and Evaluation Program, a standardized, documentable, level-progressive, technical skills management and evaluation program for enlisted aviation technical maintenance training. The Summary sheet submitted by the service member lists the current level of training completed and should be used by the evaluator to verify the attained level in awarding credit.

**DANTES** - The Defense Activity for Non-Traditional Education Support maintains the educational records of the service members who have completed DANTES subject Standardized Tests (DSSTs), CLEP examinations, and GED tests. For examinations administered at military installations, results of these tests may appear on JST transcripts for consideration in the award of the recommended credit. However, individual colleges and universities may reserve the right to request official scores directly from ETS or DANTES, to confirm completion of these exams and the credits recommended.

**COLLEGE LEVEL EXAMINATION PROGRAM (CLEP)** - The College-Level Examination Program or CLEP provides students of any age with the opportunity to demonstrate college-level achievement through a program of exams in undergraduate college courses. There are 2,900 colleges that grant credit and/or advanced standing for CLEP exams.

## FERPA - The Family Educational Rights and Privacy Act (20 U.S.C. 1232g; 34 CFR Part 99)