

2014-2016 CORE SKILL REQUIREMENTS
ELECTRICAL SYSTEM ENGINEERING
53XXP

NO SIGNIFICANT CHANGES RECOMMENDED

Billet subspecialty coding is to be based on the minimum education/training/experience level required for optimum performance. Electrical System Engineering/53XXP subspecialty coding is justified when, in addition to the general criteria stated in NAVPERS 15839 series (Manual of Navy Officer Manpower and Personnel Classification) Part B, the following specific criteria are satisfied:

1. Subspecialty Coding Restriction

a. Billets assigned to: Operations Test and Evaluation/Software Intensive Systems, Instructor Electrical Engineer, Instructor Aerospace Engineer, School Admissions/Associate Chair of Electrical Engineering.

2. Applicable Officer Designators

- d. 1000-1000/1001-1019/1020-1020/1021-1049/1050-1050/
1051-1099
- e. 1100-1109/1110-1119/1120-1129/1130-1139/1140-1159/
1160-1169/1170-1179/1180-1189/1190-1199
- f. 1200-1209/1200-1299/1300-1399/1400-1499/1510-1519/
1800-1809/1810-1829

3. Applicable Billet Designator

- d. 53XXP (Masters Level)
- e. 53XXN (Engineers Degree)
- f. 53XXD (Doctoral Level)

4. Significant Experience Criteria

a. Electrical Systems and Engineering - 53XX S-codes billets are authorized when the following conditions are met:

(1) The duties required detailed knowledge of, or experience in specific Electrical Engineering systems, processes, design, acquisition, management or leadership

Enclosure (5)

(2) Appropriate training on specific systems, processes, design, acquisition, and management is available and accessible to qualified officers prior to assignment of billets.

b. Electrical and Systems Engineering -53XX G-coded officers are/ are not authorized/ justified when:

(1) An Officer has an F code and completes a tour in a master's degree billet or higher.

8. Masters Criteria for Electrical Systems and Engineering

a. Electrical Systems and Engineering - 53XX P-coded billets are authorized when the billet requires all of the following:

(1) Primary duties require the CSRs and ESR

b. Electrical Systems and Engineering - 53XX P-coded officers are authorized when:

(1) The Officer completes Electrical Systems and Engineering master's degree at NPS. The officer will receive the F Subspecialty Code if a thesis is not completed. Utilization and obligations are still required.

(2) The officer completes a master's degree at an accredited institution of higher learning that satisfies all 53XX ESRs.

c. Electrical Systems and Engineering - 53XX Q-coded billets are authorized when the billet requires:

(1) All requirements of the P code and detailed knowledge of, or experience in, specific engineering systems, processes, design, acquisition, management or leadership.

d. Electrical Systems and Engineering - 53XX Q-coded officers are authorized when:

(1) They complete Electrical Systems and Engineering 53XX ESRs, either at NPS or another accredited institution, and have done at least 18 months in a master's degree coded billet or higher.

(2) Must have a P-code prior to Q-code tour

(3) F coded officers cannot obtain Q codes. They will be authorized G codes.

9. Post - Masters

a. Electrical Systems and Engineering - 53XX N-coded billets are authorized when the billet requires all of the following:

(1) Primary duties requiring the CSRs, ESRs and an Electrical Engineering degree.

b. Electrical Systems and Engineering - 53XX N-coded officers are authorized when:

(1) They complete Electrical Systems and Engineering 53XX ESRs, either at NPS or other accredited institution as well as an earn an Electrical Engineer's Degree.

10. Doctorate Criteria

a. Electrical Systems and Engineering - 53XX D-coded billets are authorized when the billet requires:

(1) Primary duties requiring the CSRs, ESRs and a Doctorate Degree in Electrical Systems and Engineering.

b. Electrical Systems and Engineering - 53XX D-coded officers are authorized when:

(1) They complete Electrical and Systems Engineering Doctorate Degree at NPS or another accredited institution.

11. Community Managers and the Budget Submitting Office (BSO) have agreed to allow billets to be coded for Electrical Systems and Engineering - 53XX and officers to be educated for this Curriculum. BSO are as follows:

BSO	COMMAND	POC
02	Central Operating & Program Support Division (PERS-73)	██████████
11	Field Support Activity (01M)	██████████
19	Commander, Naval Air Systems Command	████████████████████
28	Joint Chief of Staff	TBD
29	Office of the Secretary of Defense	██████████
39	Commander, Space and Naval	████████████████████

	Warfare Systems Command	
45	National Security Agency	TBD
60	Commander U.S. Fleet Forces	[REDACTED]
70	Commander, U.S. Pacific Fleet	[REDACTED]
76	Chief of Naval Education and Training	[REDACTED]

12. Sponsor and Subject Matter Expert

Sponsor: [REDACTED], Commander Naval Sea Systems Command

Subject Matter Expert: [REDACTED] Chief Engineer, Space & Naval Warfare Systems Command

Approved:

[REDACTED]

14 AUG 2014

Date

Chief Engineer
Space and Naval Systems Warfare Command

[REDACTED]

23 July 2015

Date

Director, Total Force ~~Programming and Manpower,~~
~~Management~~ TRAINING, AND EDUCATION
OPNAV N15 N12 REQUIREMENTS DIVISION