The Navy's Advanced Electronics/Computer Field offers extensive training in all aspects of electronics including computer systems, radars, communications systems and weapons fire control systems such as the Navy's advanced missile system and Aegis radar.

The standards for selection for enlistment in the Navy's Advanced Electronics/Computer Field are high. Personnel interested in applying for Advanced Electronics/Computer Field should be seriously interested in pursuing the challenge this highly technical field offers. They must be mature, ready to take on significant responsibility and willing to apply themselves.

Enlistees enter as E-1s (seaman recruits). Advancement to paygrade E-2 (seaman apprentice) will be made after successful completion of recruit training. Advancement to E-3 will be made after completion of all advancement-in-rate requirements (including minimum time and course work). Advancement to paygrade E-4 (petty officer third class) will be made after successful completion of initial school training and after all advancement-in-rate requirements (including minimum time and course work) are completed. Advancement to E-3 and E-4 is contingent upon maintaining eligibility in the Advanced Electronics/Computer Field program. Eligible personnel may be paid bonuses at the time of re-enlistment. All bonuses are in addition to Navy salary and allowances for food and housing.

<table>
<thead>
<tr>
<th>School</th>
<th>Present Location</th>
<th>Approximate Training Time</th>
<th>Subjects</th>
<th>Training Methods</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apprentice Technical Training</td>
<td>Great Lakes, Ill.</td>
<td>FC= 11 Weeks ET= 119 Weeks</td>
<td>Basic electronics and electronic circuitry, safety, digital theory, microcomputers, fiber optics, test equipment and trouble-shooting techniques.</td>
<td>Self Paced Computer Based Training and laboratory application with written tests and practical laboratory performance tests.</td>
</tr>
<tr>
<td>FC Strand</td>
<td>Great Lakes, Ill.</td>
<td>21 Weeks</td>
<td>2-D and 3-D radar, Troubleshooting procedures, Missile and Gun System Ballistics, Firecontrol Basics.</td>
<td>Self Paced Computer Based Training and laboratory application with written tests and practical laboratory performance tests.</td>
</tr>
<tr>
<td>ET Strand</td>
<td>Great Lakes, Ill.</td>
<td>19 Weeks</td>
<td>Communications Suite (SATCOM, HF receiver / transmitter), 2D Surface radar transmitters / receivers, Radar Display.</td>
<td>Self Paced Computer Based Training and laboratory application with written tests and practical laboratory performance tests.</td>
</tr>
</tbody>
</table>

After "A" school, ETs and FCs continue on to advanced "C" school. School lengths and content vary, but many colleges and universities offer college credits for these Navy courses. During a 20-year period in the Navy, ETs and FCs spend about 60 percent of their time assigned to fleet units or remote shore stations throughout the world and 40 percent to shore stations in the United States.
AECF – Advanced Electronics Computer Field (FC/ET)

Qualifications and Interests

Advanced Electronics / Computer Field technicians must be U.S. citizens eligible to meet security clearance requirements. Important qualifications include knowledge of arithmetic, the capability to understand modern computing devices, the ability to speak and write well, function as a member of a team, do detailed work and keep accurate records. Additionally they must possess some physical strength and good manual.

Normal hearing and color perception is required for this rating.

Earn College Credit

The American Council on Education recommends that semester hour credits be awarded in the vocational certificate and lower-division bachelor's/associate's degree categories for courses taken in this rating on office machines and general clerical procedures. To see the college credits available via a Joint Service Transcript for this rating:

ET

FC

Earn Department of Labor (DOL) Nationally Recognized Apprenticeships

The United Services Military Apprenticeship Program (USMAP) is a formal military training program that provides active duty and Full Time Support (FTS) Service members the opportunity to improve their job skills and to complete their civilian apprenticeship requirements while they are on active duty. The U.S. Department of Labor (DOL) provides the nationally recognized "Certificate of Completion" upon program completion. Visit United Services Military Apprenticeship Program (USMAP) for LS apprenticeships.

ET
https://usmap.netc.navy.mil/usmapss/static/navyRates.htm

FC
https://usmap.netc.navy.mil/usmapss/static/navyRates.htm

Earn Industry Recognized Credentials

Navy Credentialing Opportunities On-Line (Navy COOL) Navy COOL catalogs and defines comprehensive information on occupational credentials - including certifications, licenses, and apprenticeships - correlating with every Navy rating and some collateral duties. It provides "how to" instructions for pursuing these credentials, links to credentialing organizations, and cross-references to programs that help Sailors pay for credentialing fees. Shortly following the initial rating technical training (Class "A" technical school), Sailors may be able to take advantage of earning civilian/industry certifications & licenses (credentials), funded through Navy COOL. Visit the Navy COOL website to view these opportunities. See the link below.

ET

FC

Manage a Navy Career with Navy LaDR (Learning and Development Roadmap)

To see the Navy LaDR (Learning and Development Roadmap) for this rating:

ET

FC

Earn Skill Sets Towards Civilian Related Occupations

The skill sets for this rating crosswalk to civilian related occupations listed by the U.S. Department of Labor. To see Related Civilian, Federal, and Military Sealift Command Occupations for this rating, see the link below.

ET

FC

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