

### AT&L Workforce Position Category Description (PCD)

**Career Field:** Engineering  
**Career Path:** N/A  
**Short Title** ENG  
**Category Code:** S                      **Ref:** (a) DoDD 5000.52 dtd 12 Jan 2005  
**Date Approved:** 13 May 2015                      (b) DoDI 5000.66 dtd 21 Dec 2005  
**Last Reviewed:** 10 May 2016                      (c) DoD Desk Guide for AT&L Workforce Career Management dtd 10 Jan 2006

**Notes:**

1. This PCD is intended to assist in determining which AT&L career field/path to assign to an AT&L position per Title 10 sec. 1721. If 50% or more of the duties and responsibilities of the position match the "General Acquisition-Related Duties" described below AND the preponderance of those duties match the "AT&L Career Field/Path Specific Duties" described below, assign the position to this position category.
2. All acquisition positions require management attention with respect to certification requirements and individual development. See reference (c).
3. Critical Acquisition Position (CAPs) are a subset of acquisition positions and Key Leadership Position (KLPs), are a subset of CAPs. Both CAPs and KLPs represent positions with responsibility and authority that are critical to the success of a program or effort. These positions require management attention with respect to Acquisition Corps membership, tenure and other specific statutory requirements. See reference (c).

**General Acquisition Related Duties:** The conceptualization, initiation, oversight, design, development, test, contracting, production, deployment, logistical support, modification, and disposal of weapons and other systems, supplies, or services (including construction) to satisfy DoD needs, intended for use in, or in support of, military missions.

**AT&L Career Field/Path Specific Duties:** Plan, manage, monitor/oversee, or perform analysis, research, design, development, fabrication, installation, modification, or sustainment of systems or systems components across the entire life cycle;

Applies and/or monitors/oversees one or more of the DoD Systems Engineering Technical Processes or Technical Management Processes (See Defense Acquisition Guidebook, Chapter 4, Section. 4.3) for a specific domain (analytic or engineering specialty) at a system of systems, system, subsystem or component level.

**Technical Processes:**

- stakeholders requirements definition
- requirements analysis
- architectural design
- implementation
- integration
- verification
- validation
- transition

**Technical Management Processes:**

- decision analysis
- technical planning
- technical assessment
- requirements management
- risk management
- configuration management
- technical data management
- interface management.

**Typical Line and Staff Position Titles:** Project officer, project engineer, scientist, supervising project engineer, computer engineer/scientist, computer engineer/scientist, operations research analyst, software engineer, naval architect, specialty engineers such as materials or structures engineer, reliability engineer, design engineer, cost engineer, etc.

**Typical Position Locations:** Acquisition organizations within the service components (i.e., Systems Commands, Materiel Commands, DRPMs. PEOs, as well as organizations/field activities directly supporting such organizations). Other DoD Components, Agencies and OSD/Service/HQ staff elements performing/supporting acquisition related functions such as: DCMA; research, development, and engineering centers and laboratories; manufacturing and maintenance centers and facilities.

**Typical Career Codes:**

| Civilian Personnel |          | Uniformed Personnel |                |                  |      |      |
|--------------------|----------|---------------------|----------------|------------------|------|------|
| OCC Series         | Army AOC | Navy AQD            | Air Force AFSC | Marine Corps MOS |      |      |
| 08xx               | 51S      | ASx                 | 61X            | 8057             | 8020 | 8852 |
| 13xx               |          |                     | 62EX           | 8058             | 8024 | 8858 |
| 15xx               |          |                     |                | 8059             | 8846 |      |
|                    |          |                     |                | 8061             | 8848 |      |

**Recommended Changes/Updates:** Forward to: Director, Learning Capabilities Integration Center (Attn: Dir, Academic Programs), Defense Acquisition University, 9820 Belvoir Road, Suite 3, Fort Belvoir, VA 22060-5565 or call 703-805-4090