

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

**Career Field:** Systems Planning, Research, Development & Engineering  
**Career Path:** Systems Engineering  
**Short Title** SPRDE – SE  
**Category Code:** S **Ref:** (a) DoDD 5000.52 dtd 12 Jan 2005  
**Date Approved:** 12 Mar 2007 (b) DoDI 5000.66 dtd 21 Dec 2005  
**Last Reviewed:** 8 Apr 2010 (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, 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, or perform analysis, research, design, development, fabrication, installation, modification, or sustainment of systems or systems components across the entire life cycle;

Apply one or more of the DoD Systems Engineering Technical Processes or Technical Management Processes (See Defense Acquisition Guide, Chapter 4, Section. 4.2) for a specific domain (analytic or engineering specialty) at a subsystem or component level

**Technical Processes:**

- requirements development
- logical analysis
- design solution
- implementation
- integration
- verification
- validation
- transition

**Technical Management Processes:**

- decision analyses
- 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, operations research analyst, software engineer, naval architect, specialty engineers such as materials or structures engineer, reliability engineer, designing engineer, cost engineer.

**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
0180	15xx	51S	ASx	61SX	72xx 8059 8832
04xx				62EX	75xx 8820 8836
08xx					8057 8824
13xx					8058 8826

**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