



ACQUISITION,
TECHNOLOGY
AND LOGISTICS

OFFICE OF THE UNDER SECRETARY OF DEFENSE

3000 DEFENSE PENTAGON
WASHINGTON, DC 20301-3000

27 SEP 2002

MEMORANDUM FOR DIRECTORS, ACQUISITION CAREER MANAGEMENT PRESIDENT, DEFENSE ACQUISITION UNIVERSITY

SUBJECT: Certification Standards for Facilities Engineering

In July 2001, the Under Secretary of Defense (Acquisition, Technology, and Logistics) (USD(AT&L)) approved the establishment of a career field in Facilities Engineering (FE) for DoD AT&L workforce personnel. The FE Functional Advisor (FA) has recommended a position category description (PCD) and certification standards for the career field, and the Career Management Overarching Integrated Process Team (CMOIPT) has concurred in the FE PCD and certification standards (Attachment 1). The CMOIPT also concurred in the certification standards checklist for FE Level I in the Defense Acquisition University (DAU) catalog for Fiscal Year (FY) 2003.

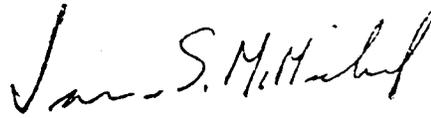
The Directors of Acquisition Career Management (DACMs) will assimilate appropriate AT&L workforce personnel into the FE career field. Assimilation will begin as of October 1, 2002. DACMs will certify personnel at a particular level when the required training has been established for that level. Incumbents assimilated into FE Level I positions will have 36 months from the date that DAU deploys the modified ACQ 101, which includes an FE module, or the date of assimilation, whichever is later, to complete or fulfill certification requirements for those positions.

Incumbents assimilated into FE Level II and III positions will have 36 months after the standards become effective or after individuals are assimilated, whichever is later, to complete or fulfill certification requirements. Workforce members who are assigned to FE Levels II and III positions after the courses become available will have 18 months to obtain certification.

The FE FA and DAU are developing courses to provide mandatory training for FE Levels II and III. DAU expects to complete development of one or more courses by the start of FY 2004.



This memorandum is effective immediately.



James S. McMichael
Director, Acquisition Education,
Training, and Career Development

cc:

Deputy Under Secretary of Defense (Installations and Environment)
Deputy Under Secretary of Defense (Industrial Policy)
Deputy Under Secretary of Defense (Logistics and Readiness)
Director, Acquisition Resources and Analysis
Director, Defense Procurement
Director, Acquisition Initiatives
Director, Interoperability
Director, Defense Research & Engineering
Director, Investment & Acquisition, Office of Deputy CIO, OASD(C3I)
Navy Acquisition Reform Executive
Director, Defense Contract Audit Agency

**FACILITIES ENGINEERING
CAREER PATH CERTIFICATION**

Functional Area

FACILITIES ENGINEERING

Career Field

FACILITIES ENGINEERING

**FACILITIES ENGINEERING
CAREER PATH CERTIFICATION**

**Functional Area: FACILITIES ENGINEERING
Career Field: FACILITIES ENGINEERING**

Position Category Description

Life cycle management of DoD installations, facilities, civil works projects, airfields, roadways, and ocean facilities. Duties include all facets of facilities engineering from planning through disposal, including design, construction, environmental management, base operations and support, housing, real estate, and real property maintenance.

Duties may require identification, establishment, organization, or implementation of defense acquisition engineering objectives and policies, or establishing of specifications. Additional duties include advising or assisting Commanders, and acting as or advising program managers and other officials as necessary in executing all aspects of their responsibilities for facility management and the mitigation/ elimination of environmental impact in direct support of the defense acquisition process. Engineers, scientists, and other professionals usually accomplish these duties.

Duties also include oversight and quality management duties that technicians perform.

**FACILITIES ENGINEERING
CAREER PATH CERTIFICATION**

**Functional Area: FACILITIES ENGINEERING
Career Field: FACILITIES ENGINEERING**

**Career Path Certification Standards
Level-I**

Grade Level	Typical Assignments	Experience	Education	Training
GS-5 through GS-9 O-1 through O-3	Regional office facilities engineering junior position Field office facilities engineering junior position Engineering center, or laboratory science and engineering position involved in direct facilities engineering acquisition support	Mandatory: One year of acquisition experience in facilities engineering	Desired: Baccalaureate degree from an accredited institution of higher learning in engineering, architecture, physics, chemistry, mathematics, community planning, business or related fields	Mandatory: One basic (Level I) DAU course in systems acquisition management

Notes

Training: Refer to the current edition of the OUSD(AT&L) DAU Catalog (reference (o)) for a list of mandatory and desired courses and approved equivalencies that can be used to meet the training standards for the facilities engineering career field.

**FACILITIES ENGINEERING
CAREER PATH CERTIFICATION**

**Functional Area: FACILITIES ENGINEERING
Career Field: FACILITIES ENGINEERING**

**Career Path Certification Standards
Level-II**

Grade Level	Typical Assignments	Experience	Education	Training
GS-9 through GS-13 O-3 through O-4	HQ facilities engineering intermediate position Regional or Field office facilities engineering senior position Engineering center, or laboratory science and engineering position involved in facilities engineering and acquisition, major science and technology program management	Mandatory: At least 2 years of acquisition experience in facilities engineering Desired: An additional 2 years of acquisition experience in facilities engineering	Desired: Baccalaureate degree from an accredited institution of higher learning in engineering, architecture, physics, chemistry, mathematics, community planning, business, or related fields Desired: Nine semester credit hours selected from accounting, business finance, law, economics, industrial management, quantitative methods, or organization and management ¹	Mandatory: One basic (Level I) DAU course in systems acquisition management One intermediate (Level II) DAU course in FE (TBD) Desired: Mandatory DAU Level I or II courses in one of the specified career fields ²

**Facilities Engineer
Career Path—Level-II**

Notes

Career-Path: On achieving Level II or III, an individual should plan for meeting the criteria for the Acquisition Corps. Criteria for selection into the Acquisition Corps for civilian personnel include serving in a position graded GS-13, and above and in the case of officers includes serving in the grade of O-4, and above. Criteria further include: Four Years acquisition experience; (2) A baccalaureate degree or certification by an ACPB; and (3a) At least 24 semester credit hours from among the following disciplines: accounting, business finance, law, contracts, purchasing, economics, industrial management, marketing, quantitative methods, and organization and management; or, (3b) At least 24 semester credit hours in the individual's career field and 12 semester hours, or equivalent training in the disciplines listed in 3a above; or, (3c) Pass an equivalency exam.

FACILITIES ENGINEERING CAREER PATH CERTIFICATION

See Appendix 13 for specific requirements for Acquisition Corps admission. Credit by examination is directed by 10 U.S.C. 1732(c) and is covered DOD Instruction 5000.58 (references (d) and (g)).

Training: Refer to current edition of the OUSD(AT&L) DAU Catalog (reference (o)) for a list of mandatory and desired courses and approved equivalencies that can be used to meet the training standards for that career field.

1. See the DAU Directory (ADS-93-01-DIR, Volume 1, reference (p)) for recommended semester hour credit for certain training courses.
2. Specified career fields are acquisition logistics, contracting, program management, information technology, manufacturing and production, QA, T&E, or SPRDE.

**FACILITIES ENGINEERING
CAREER PATH CERTIFICATION**

**Functional Area: FACILITIES ENGINEERING
Career Field: FACILITIES ENGINEERING**

**Career Path Certification Standards
Level-III**

Grade Level	Typical Assignments	Experience	Education	Training
GS-13 and above O-4 and above	Service HQ and OSD facilities engineering staff position HQ facilities engineering management position Regional or field office facilities engineering management position Engineering center, or laboratory science and engineering position involved in facilities engineering and acquisition, major science and technology program management	Mandatory: Four years of acquisition experience in facilities engineering ² Desired: Four additional years of experience in acquisition positions of increasing responsibility and complexity	Desired: Baccalaureate degree from an accredited institution of higher learning in engineering, architecture, physics, chemistry, mathematics, community planning, business, or related fields Desired: Advanced degree from an accredited institution of higher learning in engineering, physics, chemistry, operations research, community planning, management, business, public administration or related fields Desired: Twelve semester credit hours selected from accounting, business finance, law, economics, industrial management, quantitative methods, or organization and management ¹	Mandatory: One basic (Level I) DAU course in systems acquisition management One advanced (Level II) DAU course in FE (TBD) Desired: Mandatory DAU Level II or III courses in one of the specified career fields ²

**Facilities Engineer
Level-III**

Notes

Career-Path: CAPs may only be filled by members of the Acquisition Corps. On achieving Level II or III, an individual should plan for meeting the criteria for the Acquisition Corps. Criteria for selection into the Acquisition Corps for civilian

FACILITIES ENGINEERING CAREER PATH CERTIFICATION

personnel includes serving in a position graded GS-13, and above and in the case of officers includes serving in the grade of O-4, and above.

Criteria further include: (1) Four years acquisition experience; (2) A baccalaureate degree or certification by an ACPB; and (3a) At least 24 semester credit hours from among the following disciplines: accounting, business finance, law, contracts, purchasing, economics, industrial management, marketing, quantitative methods, and organization and management; or, (3b) At least 24 semester credit hours in the individual's career field and 12 semester hours, or equivalent training in the disciplines listed in 3a above; or, (3c) Pass an equivalency exam.

A General, Flag officer, or, SES must have at least 10-years experience in acquisition positions. At least 4 years of this experience must have been performed while assigned to a CAP.

See Appendix 13 for specific requirements for Acquisition Corps admission. Credit by examination is directed by 10 U.S.C.1732(c) and is covered DoD Instruction 5000.58 (references (d) and (g)).

Training: Refer to current edition of the OUSD(AT&L) DAU Catalog (reference (o)) for a list of mandatory and desired courses and approved equivalencies that can be used to meet the training standards for that career field.

- 1 Specified career fields are acquisition logistics, contracting, program management, information technology, manufacturing and production, QA, T&E, SPRDE, or FE.
- 2 See the DAU Directory (ADS-93-01-DIR, Volume 1, reference (p)) for recommended semester hour credit for certain training courses. Reference (p) is available through the DAU or from your Component DACM

**FACILITIES ENGINEERING
CAREER PATH CERTIFICATION**

DOD AT&L WF Assignment Specific Training Requirements

Career Field	Specialty	Grade Level	Assignments	Experience	Education	Training
No Assignment Specific Training applies to this Career Field.						