



AIR FORCE INSTITUTE OF TECHNOLOGY
Wright-Patterson AFB, Ohio



Department of Systems Engineering and Management
Assistant/Associate/Full Professor of Engineering Management (Non-tenure Track)

Position Summary

The Air Force Institute of Technology is seeking qualified applicants to join its Engineering Management program within its Department of Systems Engineering and Management. Successful applicants will join this ABET-accredited program and train students to lead in a technical environment and solve operational problems.

As a faculty member at the Air Force's graduate degree-granting institution, you will join a program that annually graduates classes of 20-25 students in engineering management. The students are typically Air Force officers sent to the school to earn an advanced academic degree as a full-time student. The students bring to the classroom operational experiences and have a desire to apply their graduate education to operational challenges, which is accomplished with a thesis.

Highly qualified applicants will be able to support these students as a teacher, as a researcher, and through service to the academic community. Moreover, their engineering management experience will include expertise in the domains of construction or infrastructure asset management.

About the University and Area

Wright-Patterson Air Force Base is located in southwestern Ohio, in Greene and Montgomery counties. Wright-Patterson Air Force Base is one of the U.S. Air Force's largest and most important installations. It is the birthplace, home and future of aerospace. By virtually any measure, "Wright-Patt" is the most diverse and organizationally complex base in the U.S. Air Force. This is where America's Air Force aircraft of tomorrow are conceived, developed, and acquired.

The Air Force Institute of Technology, or AFIT, is the Air Force's graduate school of engineering and management as well as its institution for technical professional continuing education. A component of Air University, AFIT is committed to providing defense-focused graduate and professional continuing education and research to sustain the technological supremacy of America's air and space forces.

AFIT accomplishes this mission through three resident schools: the Graduate School of Engineering and Management, the School of Systems and Logistics, and the Civil Engineer and Services School. Through its Civilian Institution Programs, AFIT also manages the educational programs of officers enrolled in civilian universities, research centers, hospitals, and industrial organizations. Since resident degrees were first granted in 1956, more than 17,500 graduate and 600 doctor of philosophy degrees have been awarded. In addition, Air Force students attending civilian institutions have earned more than 12,000 undergraduate and graduate degrees in the past twenty years.

Application Deadline: 18 December 2015

How to Apply

Follow the instructions provided at: <https://www.usajobs.gov/GetJob/ViewDetails/422388400>

The following documents are required and must be provided by the closing date of the announcement:

- Letter of Application
- Current Curriculum Vitae/Resume - If your resume includes a photograph or other inappropriate material or content, you will not be considered for this vacancy. Your resume may be submitted in any format. For qualifications determinations your resume must contain hours worked per week and the dates of employment (i.e., hour per week and month/year to month/year or month/year to present). Resumes that do not contain this information may be marked as insufficient and applicants may not receive consideration for this position.
- Statement of Teaching and Research Interests
- Names, Affiliations, and Contact Information of at least three references
- DD214 or "Certification" of service (Document must reflect character of service)
- SF-15 , Application for 10-Point Veteran Preference, if applicable
- Veteran Administration Letter of Disability Rating, if applicable

These items must be submitted as a single PDF attachment

Job Description

- Teaches graduate-level students in basic disciplines of all programs offered by the department and graduate courses in Engineering Management, communicating both theory and applications representing the current state of knowledge in engineering management with special emphasis on construction management, infrastructure asset management, and project planning.
- Develops courses and sequences of courses in engineering management for programs accredited at the master's level to meet the Air Force's dynamic educational needs. Contributes to curriculum development and plans student educational programs.
- Plans and executes a program of research in support of program. Coordinates directly with Air Force and Department of Defense (DoD) organizations to facilitate research process. Individual will be expected to collaborate with the Air Force Civil Engineer Center, Air Force Installation and Mission Support Center, and other Air Force Civil Engineer and DoD organizations to support students in their research objectives. Collaborates and works well with colleagues to accomplish individual and organizational research goals. Presents research results to professional community through presentations at conferences and publications in archival journals. Plans, directs, coordinates, and evaluates student research programs.
- Provides authoritative consultation to Air Force and DoD organizations, as well as other departments within AFIT.
- Participates in faculty governance by serving on department and school-level academic and administrative committees.
- Mentors and manages the educational progress of students. Provides annual written feedback as prescribed by Air Force and AFIT guidance.

Job Requirements

QUALIFICATIONS: Applicants must possess an earned doctoral degree in degree in engineering management or other closely related field with specialization in facilities management, financial analysis, management of operations and maintenance activities, project planning, benchmarking, and environmental management issues. Demonstrated knowledge of foundational and advanced topics in these fields of study is required.

At the Assistant Professor rank: Applicants must possess an earned doctoral degree in engineering management, or other closely related field with specialization in facilities management, financial analysis, management of operations and maintenance activities, project planning, benchmarking, and environmental issues. Demonstrated knowledge of foundational and advanced topics in these fields of study is required. Applicants

should have a distinguished academic record and the background, commitment and desire to teach graduate classes. Ability to communicate clearly and expertly (in English) in both verbal and written forms concerning academic, administrative, and technical subject matters is required.

At the Associate Professor rank: Qualifications required for an Assistant Professor. In addition, an initial appointment to the academic rank of Associate Professor must be based on convincing evidence that the individual has demonstrated excellence as a teacher, as a scholar, and as one who provides effective service. The candidate must have five years of significant professional experience after having earned the doctoral degree. These will normally include no fewer than three years of full-time-university-level teaching at the Assistant Professor rank or higher. Alternatively, for those with fewer than three years of teaching experience, the requirement is six years of significant professional experience with research credentials normally expected of a full Professor.

At the Full Professor rank: Qualifications required for an Associate Professor. In addition, an initial appointment to the academic rank of Professor must be based on convincing evidence that the faculty member has a sustained record of excellence in teaching, has produced a significant body of scholarship that is recognized nationally or internationally, and has demonstrated leadership in service to the discipline. The candidate must have a minimum of ten years of significant professional experience after having earned the doctoral degree. These will normally include no fewer than six years of full-time-university-level teaching with a minimum of three years at the Associate Professor rank or higher. Alternatively, for those with fewer than six years of teaching experience, the requirement is ten years of significant professional experience with research credentials, substantially more than those normally expected of a full Professor.

Additional Information

U.S. citizenship is required. Applicants must obtain and maintain a SECRET security clearance.

<https://www.opm.gov/policy-data-oversight/classification-qualifications/general-schedule-qualification-standards/1700/general-education-and-training-series-1701/>

PART-TIME OR UNPAID EXPERIENCE: Credit will be given for appropriate unpaid and or part-time work. You must clearly identify the duties and responsibilities in each position held and the total number of hours per week.

VOLUNTEER WORK EXPERIENCE: Refers to paid and unpaid experience, including volunteer work done through National Service Programs (i.e., Peace Corps, AmeriCorps) and other organizations (e.g., professional; philanthropic; religious; spiritual; community; student and social). Volunteer work helps build critical competencies, knowledge and skills that can provide valuable training and experience that translates directly to paid employment. You will receive credit for all qualifying experience, including volunteer experience. Education is a basic requirement for this position. You **MUST** provide transcripts to support your educational claims. Education must be accredited by an accrediting institution recognized by the U.S. Department of Education.

FOREIGN EDUCATION SPECIAL INSTRUCTIONS: Education completed in foreign colleges or universities may be used to meet the requirements. You must show proof of the education credentials have been deemed to be at least equivalent to that gained in conventional U.S. education program. It is your responsibility to provide such evidence when applying.

CONDITIONS OF EMPLOYMENT/OTHER SIGNIFICANT FACTS:

- Your latest resume will be used to determine qualifications.
- Applicant must provide proof of citizenship at time of appointment.
- This position may or may not be a drug testing designated position. If it is a designated testing position, the incumbent is subject to pre-employment drug testing as a condition of employment and participation in a random drug testing.

HOW YOU WILL BE EVALUATED:

Applications will be screened by a hiring committee using the criteria for appointment. Applicants meeting these criteria will be evaluated based on the extent to which their experience and education relate to the requirements of the position and on the promise of significant contribution to the mission and operation of the Department of Systems Engineering and Management. A personal interview and presentation to the faculty and students may be required of the top applicants.

ACTIVE DUTY SERVICE MEMBERS: The VOW Act Chapter 21 of Title 5, United States Code (U.S.C.), Section 2108a, requires Federal agencies treat active duty service member as veterans, disabled veterans, and preference eligible, when they submit, at the time they apply for a Federal job, a "certification" of active service in lieu of a DD214, assuming the service member is otherwise eligible. A "certification" letter should be on letterhead of the appropriate military branch of the service and contain (1) the military service dates including the expected discharge or release date; and (2) the character of service. The service member's military service dates are necessary in order to determine whether he or she meets the definition of "veteran" under 5 U.S.C. 2108(1). The "certification" must reflect the service member is expected to be discharged or released from active duty service in the armed forces under honorable conditions not later than 120 days after the date of submission. The "certification" must be signed by, or by direction of, the adjutant, personnel officer, or commander of your unit or higher headquarters and must indicate when your terminal leave will begin (if applicable), your rank, dates of active duty service, the type of discharge and character of service (i.e. honorable). Further, under paragraph (h) of the rule, agencies are required to verify a qualifying separation from military service prior to appointment, through the DD214 or other appropriate documentation. Your preference and/or appointment eligibility will be verified prior to appointment. Active duty members that fail to provide a valid "certification" of service with their initial application will be found "not eligible". Military members may be appointed before the effective date of their military retirement/separation if member is on terminal leave.

What to expect next:

Applications will be screened by a hiring committee using the criteria for appointment, as outlined in the Qualifications Required section above. Applicants meeting these criteria may be asked to provide letters of recommendation from their references. Such applicants will be further evaluated based on their recommendation letters.

Based on an evaluation of the required application materials and letters of recommendation, candidates may be selected and invited for a personal interview. A presentation to the faculty and students may be required of the top applicants.

Males born after 31 December 1959 must be registered or exempt from Selective Service. For additional information, [click here](#).

Employed Annuitants (Reemployed Annuitants): Applicants in receipt of an annuity based on civilian employment in the Federal Service are subject to the DoD Policy on The Employment of Annuitants. [Click here](#) for more information