

Enterprise Architecture Fundamentals



DEADLINE FOR NOMINATIONS IS September 30, 2011!

Don't miss out on the exciting educational opportunity. See page 2 for complete registration details!



Special Points of interest of this educational experience:

- Gain understanding of DoD's and Intelligence Community's (IC) approach to enterprise architecture (EA)
- Develop EA modeling skills and the ability to systematically assess model quality
- Potentially gain college credit toward a Master's Degree
- Network with enterprise architects from across DoD and the IC

THINKING OF ENROLLING?

- **STEP 1:** Review workshop calendar and assess time commitments.
- **STEP 2:** Qualified individual nominated by supervisor before deadline.
- **STEP 3:** NDU iCollege registration process completed – student receives pre-read assignments
- **STEP 4:** EA Fundamentals Workshop begins!

Key Educational Performance Outcomes

Participants in this educational course will be able to:

- Describe the nexus between enterprise architecture (EA) and successful enterprise planning and execution to advance mission performance
- Identify EA's role in facilitating other critical agency activities, e.g., capital planning and investment control (CPIC) and information assurance
- Explain the application of EA models, identify strategies to address the challenges of EA adoption, the use, and institutionalization
- Assess the EA maturity of an organization and an EA program and interpret both object-oriented and structured-based modeling methods and the primary characteristics of a model in order to critically assess its quality and the information being depicted.



National Defense University's iCollege offers fresh, informative Enterprise Architecture Education

EA Fundamentals Course

The EA Fundamentals course consists of two intensive resident sessions. **The first session** examines enterprise architecture (EA) as a strategic capability organizational leaders use for enterprise planning, decision-making, and key process execution. Students explore leadership competencies needed to advance EA adoption, use, and institutionalization. Students also explore integration of EA with governance, strategic planning, budget, capital planning, IT portfolio management, and information assurance. Students examine EA descriptive frameworks and associated models that guide EA development activities and review EA evaluative frameworks use to assess organizational EA management capacities and performance outcomes enabled by the EA. Students further examine challenges to organizational adoption, implementation, use, and institutionalization and consider strategies to address them.

The second session explores the use and effectiveness of EA models to describe an organization and examines model-based products as tools to support, influence, and enable organizational planning, and decision-making. Hands-on exercises provide students with practical experience with work-products common to the DoD Architecture Framework (DoDAF) and Federal Segment Architecture Methodology (FSAM), as well as other established frameworks. A case study approach focuses on object-oriented models, e.g., Unified Modeling Language (UML) covering process, data, and systems. Structured models, e.g., IDEF, are also examined. Emphasis is placed on the efficacy of modeling styles and the interpretation of the descriptive models as well as interpreting case-study documentation. Students use an automated modeling tool to develop the descriptive models and to demonstrate the utility of an EA repository.





Help shape the Enterprise Architecture future of the DoD. Submit your nomination today!

The DoD Nomination and Registration Process – Getting Started

STUDENT ELIGIBILITY

There are several key criteria that each student must meet:

- The DoD candidates must be a GS12 or O-4 or above.
- Bachelors Degree from an accredited institution
- Nomination must be submitted though, and validated/approved by the applicant's supervisor.

For the second session be able to install the provided EA repository tool (ProVision) on either a personal computer or on a Government unclassified computer (with appropriate agency approval). The software is compatible with Windows XP, Vista, and Windows 7 (no Mac) and requires 10MB of space.

ENROLLMENT

The first step is to consult the calendar and make sure the candidate is able to participate in and successfully complete all the associated activities for course

Next, the interested candidate discusses the certificate course with their immediate supervisor, making sure of the fit as well as the minimal eligibility criteria are met. The supervisor then nominates the candidate via email to:

Nguyen Phan
nguyen.phan@disa.mil
 301.225.3352

For more course information:
Matt Newman
newmane@ndu.edu
 202.685.2693

TUITION

Tuition is free to all DoD employees and military. Students and/or their agencies are responsible for any incurred travel, local transportation or TDY costs. Contractors who meet eligibility requirements may participate, but a fee of \$4,100 is required (Contact Matt Newman)

COURSE CREDIT

This course may be taken for college credit towards:

- The *i*College's first level EA certificate
- The *i*College's master's program
- Master programs with our 30 plus partnering Universities (must complete the EA or CIO certificates).

TRAINING LOCATION

National Defense University
*i*College, Marshall Hall
 Fort Lesley J. McNair
 300 5th Avenue SW
 Washington, DC 20139-5066

This is a graduate level education program and not a training course. There is a time commitment for students both in the classroom as well as for independent assignments outside of the classroom.

COMMITMENT ESTIMATES

Accepted nominees are required to participate in and successfully complete all of the following:

First Session

- **October 10-October 23, 2011***
 Complete preparation session work
 Estimated Level of work: 20 hours
- **October 24-October 28, 2011****
 Participate in classroom education
 Estimated level of work: 50 hours
- **October 29-November 20, 2011***
 Complete post-course assessment
 Estimated level of work: 60 hours

Second Session

- **December 26, 2011 – January 8, 2012***
 Complete preparation session work
 Estimated Level of work: 20 hours
- **January 9 – January 13, 2012****
 Participate in classroom education
 Estimated level of work: 50 hours
- **January 14- February 5, 2012***
 Complete post-course assessment
 Estimated level of work: 60 hours

Space is limited. Speak with your supervisor TODAY!



Deadline for Nominations is September 30, 2011



*on-line ** in-resident