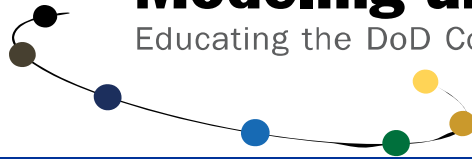


Modeling and Simulation

Educating the DoD Communities and Services



Summer 2008

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www.nps.edu/msacq



Contact Us

MSAcq@nps.edu
M&S Project Coordinators
Phone: 831-656-2900/2956

NPS is the E-Newsletter Provider

Building M&S Education for the DoD Workforce

The Modeling and Simulation (M&S) Education project led by the Naval Postgraduate School addresses the M&S Coordination Office (MSCO) and the Navy M&S Office (NMSO) educational goal, "to develop training and education programs that are competency-driven and affordable, and accommodate professional and personal development –for lifelong learning". The NPS SE department has formed a partnership with seven academic institutions to develop a lifelong Modeling and Simulation learning program for Acquisition and Test and Evaluation professionals applying M&S. During the project's first phase, partners investigated the nation's most current curriculum available, cross calculated missing DoD requirements, and developed a learning architecture full of courses and delivery methods to minimize gaps to meet new objectives. Throughout 2008, NPS and the partner institutions are developing 16 courses, testing the courses, and creating course prototypes for delivery in January 2009. Courses will be available as short and long residential courses, online web courses, and Continuous Learning Modules (CLMs) through the Defense Acquisition University (DAU). The materials will be freely shared with any other US educational institution.

Partners Include:



16 New Courses for Understanding and Applying Modeling and Simulation for Acquisition

Sixteen new M&S courses, listed on the right, will be available starting in January 2009. Each University offering the courses will incorporate them into their curricula differently. For example, NPS will offer groupings of four of the courses into independent certificate courses or as tracks in existing master's degree programs. Ten Continuous Learning Modules (CLMs)

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16 M&S Courses Under Development

M&S in the Acquisition Life Cycle, Parts 1&2
M&S Strategy and Support Plans
M&S Requirements and Evaluating M&S Proposals
Contracting for M&S
Best Practices in M&S
M&S in Decision Risk Analysis and Mitigation
M&S Environments
M&S Data Strategies
M&S for Test and Evaluation Intro and Advanced
Introduction to Physics-based M&S
Fundamentals of Engineering Structures, Parts 1 & 2
Selected Topics in the Application of Engineering M&S

Course Syllabi are located online on the project website.

M&S Course Beta Testing Underway

To ensure courses are polished prior to January's delivery, the following partner universities are undergoing beta testing for select courses. All courses will undergo a test offering through the project's academic partners through fall. The project's website has test offering schedules under the News & Events section. The schedule and enrollment information is posted as it becomes available.

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MS Acquisition Life Cycle, Parts 1 and 2 offered May 12 will continue during the summer semester at UCF. Visit <http://ucf.edu> for further details.



MS Environment's test offering is underway as a special topics course through UAH. MS Data Strategies is scheduled for testing during the fall. MS for T&E Introduction and Advance are scheduled as short courses through DAU or the UAH Continuing Education Department (TBD) late summer. Visit <http://www.uah.edu/> for further details.



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Upcoming Conferences

MODSIM 15-18 September
NDIA SE Conference 20-23 October

Tootsie Roll, Anyone?

Are you attending a conference anytime soon? The NPS project team has exhibited and/or briefed at five DoD conferences across the nation (DMSC, SSTC, 8th Annual Navy Workforce Research and Analysis Conference, Acquisition Research Symposium, and Test Week). The NPS project staff is scheduled to continue its efforts to promote and provide course information at DoD conferences to potential students, instructors, and workforces. During exhibit hours NPS introduces the project's courses, provides project literature, and displays a sneak peek at an NPS advanced case study – sample supplemental piece for the courses. Look up NPS at your next conference and join us for a visit. M&S Knowledge is power and the Tootsie Rolls are Free!



Pictured at left are Dr. David Olwell, Stephanie Few, and Jean Johnson exhibiting from NPS at DMSC

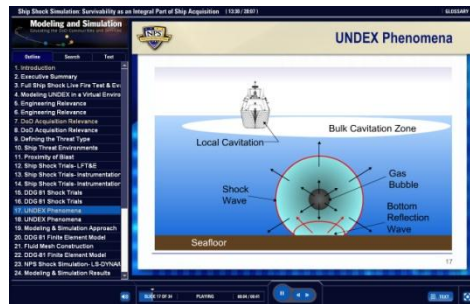
Roll Call-January 2009

Am I eligible and how do I enroll in courses?



Students from NPS

The public, DoD employees, and government contractors are eligible as long as they meet participating university enrollment requirements. DoD employees have the advantage of enrolling through DAU and other government operated university systems. The enrollment information for courses will become available in the coming months. Students interested in enrolling are encouraged to visit the website regularly and stay on the project's email distribution list to receive updated project information. Please email eligibility and enrollment questions to the M&S project coordinators at MSAcq@nps.edu



Snapshot of "Ship Shock" Case Study

16 Solutions cont.

will be also published through the Defense Acquisition University. Information about enrollment for January 2009 courses will become available through the remainder of the year. Students interested in enrolling should visit the project website frequently and stay on the project's email distribution list to receive updated project information.

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