Course Title: Technologies for Information Operations
MASL: P179220
Course Length: 3 weeks (2007 dates: May 18 – April 30, 2007)

Course Description: A course tailored for mid to high level officers (Capt – LtCol) based on recent research and development in associated Information Operations technologies. The course is a technical workshop presented by various NPS faculty that covers several exciting technology areas important for tomorrow’s war fighters. Examples of areas covered include: Decision modeling and tactical analysis as an introduction to special methodologies of command and control; newest developments in unmanned aerial vehicles, cruise missile technologies and SAR image compression techniques, high-speed networking, wideband receiver design methods as well as wireless antennas; ultra wideband impulse methods; atmospheric predictions; weapons effects and radar and laser cross-section engineering. Topics will vary depending on faculty availability.

There are two tracks available:
(1) Command and Control warfare
(2) Weapons Systems

The course also offers fieldtrips to different defense related engineering facilities, and serves as an excellent opportunity for the exchange of information and technology among participants in a stimulating environment

Quotas: 16 allocated to the Swedish National Defense College;
24 worldwide on first come first serve basis

Course Pre-requisites
(1) Undergraduate engineering degree or equivalent
(2) Calculus/calculus-based physics sequence required
(3) Test of English as a Foreign Language (TOEFL) score of 207; ECL score of 95 in lieu of TOEFL will be considered on a case by case basis

Course tuition: Cost will be determined based on number of student quotas filled (initial estimate will be approximately $3500 per student). Living allowance (Based on BOQ cost of $15 per day plus $55 Per Diem ) will be approximately $1500.