

CAS/IR 583, Defense Technology and Defense Planning (Prof. Maitre)

Fall 2007

Mondays and Wednesdays, 17.00 to 18.30 hours; Rm. 220, 152 Bay State Road

“There is not the slightest indication that nuclear energy will ever be obtainable. It would mean that the atom would have to be split.”

Albert Einstein

“Thank God that we have got the Maxim Gun, and they have not.”

Hilaire Belloc

### Course Objective

IR 583 examines aspects, terms, and systems of defense technology and defense planning on national and international levels, enabling the non-specialized student to comprehend and apply them to his or her specialty, be it history or politics, journalism or engineering or management. IR 583 is also directly relevant to students in ROTC programs.

### Requirements and Grading

Open to graduate students, seniors and juniors (limited enrollment/prior permission required). The course is conducted seminar-style, with written mid-term and final examinations (60 and 90 minutes, respectively). Students are required to write a term paper no longer than 20 pages and carry out several short assignments (oral presentations of ten minutes each). Mid-Term, Final, Term-Paper, Short Assignments/Attendance/Participation count for 25 percent toward the Final Grade.

### Reading List

- John Ellis, The Social History of the Machine Gun, Johns Hopkins U., 1986
- Richard Friedman/Gunston/Hobbs/Miller/Richardson/Walmer, (editors), Advanced Technology Warfare, Harmony/Salamander, 1985
- William Greider, Fortress America. The American Military and the Consequences of Peace, Public Affairs, 1998
- William H. McRaven, Spec Ops: Case Studies in Special Operations Warfare - the Theory and Practice, Presidio, 1996
- Martin Van Creveld, Technology and War - From 2000 B.C. to the Present, The Free Press, 1989
- George C. Wilson, This War Really Matters. Inside the Fight for Defense Dollars, CQ Press, 2000

Mark Bowden, Black Hawk Down, Penguin, 1999

James G. Burton, The Pentagon Wars. Reformers Challenge the Old Guard, Naval Institute Press, 1993

- Mandatory (Available in the Center for Defense Journalism Library, 67 Bay State Rd.)

You will also receive regular handouts from recent and current publications. You are expected to read, retain, and collect them in a ring binder for reference. Do not ask for back-issues.

### Sequence of Topics

Week One	Si Vis Pacem Para Bellum Preparedness The Malvinas/Falklands Conflict, 1982
Week Two	Power Projection The Gulf Wars, 1990/1991, 2003/2004

continued

Week Three	The World's Sole Superpower U.S. Armed Forces BuildUp and DrawDown
Week Four	Tools of Power Projection, I Air Power, Strategic and Tactical
Week Five	Tools of Power Projection, II Naval Power
Week Six	Tools of Power Projection III Amphibious Forces, Land Forces
Week Seven	Defense Industrial Base The American Defense Industry
Week Eight	Defense Policy, U.S.A. Policy of Procurement
Week Nine	Defense Policy, Europe NATO, Old and New Missions
Week Ten	Defense Policy, Russia MeltDown and Resurrection Arms Trade
Week Eleven	Principles of Defense Policies Technology and Conscription
Week Twelve	The Revolution in Military Affairs "Information Warfare"

#### Consultation

Term Paper Topics set by 26 September; completion by 26 November.  
Office Hours Mondays and Wednesdays, 14.30 to 16.30 hours;  
152 Bay State Road, Department of International Relations, Room B-1.

September, 2007