



**MPA 832  
Studies in National Security  
Winter 2019**

**Lectures  
Friday 8:30 to 11:20 Room TBD (TBD)**

INSTRUCTOR: LtCol Andy Vogler

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OFFICE LOCATION: Robert Sutherland Hall, Room 405

OFFICE HOURS: by appointment.

This syllabus and course material for the course is available through [onq.queensu.ca](http://onq.queensu.ca)

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Students who feel that there are reasons to have their grades reviewed should follow the steps set out in the Faculty of Arts and Science’s Regulation 11, “Review of Grades and Examinations” (<http://www.queensu.ca/artsci/academic-calendars/regulations/academic-regulations/regulation-11> ).

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**GRADING SCHEME:**

All components of this course will receive letter grades which, for purposes of calculating your course average, will be translated into numerical equivalents using the Faculty of Arts and Science approved scale:

***Arts & Science Letter Grade Input Scheme***

<b>Assignment mark</b>	<b>Numerical value for calculation of final mark</b>
A+	93
A	87
A-	82
B+	78
B	75
B-	72
C+	68
C	65
C-	62
D+	58
D	55
D-	52
F48 (F+)	48
F24 (F)	24
F0 (0)	0

Your course average will then be converted to a final letter grade according to Queen's Official Grade Conversion Scale:

***Queen's Official Grade Conversion Scale***

<b>Grade</b>	<b>Numerical Course Average (Range)</b>
A+	90-100
A	85-89
A-	80-84
B+	77-79
B	73-76
B-	70-72
C+	67-69
C	63-66
C-	60-62
D+	57-59
D	53-56
D-	50-52
F	49 and below

## *Course Description*

The objective of the course is to provide post-graduate students with an in-depth understanding about military capabilities and how they link into Canadian national security strategy. The course will be a mixture of lectures and tutorials in which the students will be asked to engage into discussions about defense strategy and military operations as well as current and potential public debates in reference to national security matters.

Objective 1: Students will be familiar with generic military operational concepts  
Students will become accustomed with military terminology  
Students will have a solid understanding about capabilities and limitations of the individual services in the Canadian Armed Forces  
Students will be able to identify challenges for military planners in current security environment

Objective 2: Students will have a solid understanding about the “cultural” differences between military and political decision makers  
Students will become familiar with the military culture  
Students will become familiar with the military planning process  
Students will be able to recognize the political implications to military operation  
Students will gain a solid understanding about the information requirements of both parties (political and military leaders) in order to effectively facilitate the decision making process with regards to national security

Objective 3: Students will be able to recognize the challenges in Canada’s national defense strategy  
Students will understand the strategic environment Canada is presented with  
Students will be able to identify political/diplomatic challenges and apply their own creativity to develop ideas to overcome such challenges

The overall structure of the course is designed to lead the students from a high level perspective into the finer levels of granularity (i.e. from the role the military plays in national defense policy to the capabilities and limitations of the individual service to future potential security challenges). Students will be able to respond to contemporary or foreseeable public debates about military operations (cyber security, Unmanned Aerial Vehicle operations, military operations in support of internal security) and will be able to contribute to such debates in an informed manner. As such students will be able to identify and address communication gaps between political and military leadership and potentially serve as mediators in such an environment.

It is desirable that students have some familiarity with security and defence policy, as the course is designed from an explicit military point of view.

Lectures for this term will be on Fridays from 8:30 – 11:20 a.m., as outlined in the course plan.

The course will be led by the German Visiting Defence Fellow (GAF VDFs) assigned to the Queen's Centre for International and Defence Policy, but will also be facilitated by guest speakers and VDFs from Canada and the United States. You will find the biographical statement of the GAF VDF below.

## Evaluation

Your final grade will be determined on the following basis:

Lectures/tutorials: Overall 40%

(10%: A mandatory 5-minute student presentation, which is related to the topic of the day. The student chooses his/her own topic.

10%: Class attendance. Up to two missed classes may be excused.

20%: Actual participation (Quality and Quantity)).

Essay: Overall 60%

(10%: For the mandatory essay proposal.

50%: In accordance with marking rubric).

### i. Research Essay

The research essay should be 12-15 pages in length. The topic of the essay can be freely chosen but has to relate to Canadian National Security Strategy and the respective implications for her military. The paper should address a clearly identified problem and lead to a logical conclusion. The focus of the essay should also be directed to future developments in the national security strategy. Creative thinking will be strongly encouraged as long as the train of thought is logical. The complexity of the challenge, along with the willingness to develop thoughts which deviate from mainstream politics will be those attributes that are required to achieve top marks.

The essay is due **TBD 2019** in the lecture class at 1 p.m. Marked papers will be returned to the students during the **TBD**.

Late submissions of the essay are not permitted except on those rare occasions when a *certified* exemption has been arranged (i.e., provision of supporting documentation of the condition, usually though not always medical in nature, that prevented handing in the essay on time).

### ii. Seminar Participation

Seminar participation will be a function of three components:

- 1) regular attendance of the weekly seminars;
- 2) **and** a demonstrated ability to contribute to the weekly discussions;

- 3) **and** structured, and concise, presentations made by each student at least once during the term.

The specific arrangements regarding student presentations will be worked out once the course begins, with seminar leader determining who is to present, and when. The presentations will be based upon the topic for the week in which the student presents.

### **Reading Material**

There is no assigned text book for the course. The course draws on a variety of materials including government documents and book chapters.

However, Students are expected to familiarize themselves with the topics covered during the lecture/tutorials. To allow for a common point of departure a suggested reading is identified for every week. Students may choose from other sources as well to complement their individual research.

## COURSE PLAN AND READINGS

### WEEK 1

#### **TBD** – COURSE INTRODUCTION, MILITARY 101

- Course Introduction
- Politics and Military
- Introduction into military terminology
- Generic Force and Command structure of Armed Forces
- National defense and Force projection
- Military culture

The first week will set the ground for the entire course. Beside the course introduction with all administrative aspects of the course “Military 101” will be a lecture explaining the role military capabilities play for the political decision makers. The lecture will expand on the Canadian Defense Strategy “Strong, Secure, Engaged” and examine other government publications such as the defense review 2016 and the 2008 “Canada First Strategy”. This lecture will allow the student to develop a solid understanding of the security challenges Canada faces. A generic Armed Forces structure will be introduced along with generic military terminology and aspects of military culture. NATO’s comprehensive approach to operations will be explained to strengthen the understanding of the dependency of diplomatic, economic, social and military efforts in order to achieve any given strategic goal. Furthermore, students will be introduced to the ISAF/RS operations in Afghanistan.

#### **Suggested Readings**

Government of Canada, “Strong, Secure, Engaged”,  
<http://dgpaapp.forces.gc.ca/en/canada-defence-policy/docs/canada-defence-policy-report.pdf>

Government of Canada, “Defense Policy Review”,  
<http://dgpaapp.forces.gc.ca/en/defence-policy-review/docs/defence-policy-review-consultation-paper.pdf>

Government of Canada, “Canada First Defence Strategy”,  
[http://www.forces.gc.ca/assets/FORCES\\_Internet/docs/en/about/CFDS-SDCD-eng.pdf](http://www.forces.gc.ca/assets/FORCES_Internet/docs/en/about/CFDS-SDCD-eng.pdf)

Government of Canada, Public Safety Canada, “National Security”,  
<https://www.publicsafety.gc.ca/cnt/ntnl-scrtr/index-en.aspx>

Government of Canada, Securing an Open Society, available online at:  
<http://publications.gc.ca/site/eng/259263/publication.html>

Department of Foreign Affairs Canada, A Role of Pride and Influence in the World, International Policy Statement.

Note that there are three “D” statements to read as well as the “Overview”.

Defence – available at:

<http://publications.gc.ca/site/eng/9.687487/publication.html>

Development – available at:

<http://publications.gc.ca/site/eng/9.687478/publication.html>

Diplomacy – available at: <http://publications.gc.ca/site/eng/9.687431/publication.html>

Overview – available at: <http://publications.gc.ca/site/eng/9.687242/publication.html>

Students will also be required to familiarize themselves with the Canadian contribution to ISAF

## **WEEK 2**

### **TBD – AIR FORCE**

- Generic structure
- AF terminology
- Air capabilities and limitations
- Canadian specific issues (F-35)

Week 2 will be a mixture of lecture and tutorial. The students will be able to better understand the capabilities of the Royal Canadian Air Force and its limitations. Besides being presented with generic principles of operation (Air Defense, Air Transport, Offensive Air Operations etc.) the students will also be asked to engage into a discussion about what future tasks for the RCAF can be derived from Canada’s national defense strategy. As contemporary example the F35 procurement program will be discussed and in how far it would aid Canada in her regional security.

### **Suggested Readings**

Students will be required to familiarize themselves with the Royal Canadian AF

<http://www.rcaf-arc.forces.gc.ca/en/index.page>

## **WEEK 3**

### **TBD - ARMY**

- Generic structure
- Army terminology
- Army capabilities and limitations
- Special Operation Forces (SOF)
- Canadian specific issues (CAN as PK nation)

Week 4 will be a mixture of lecture and tutorial. The students will be able to better understand the capabilities of the Canadian Army (including SOF) and its limitations. Besides being presented with generic principles of operation (Force Protection, Special Forces Operation, Clear and Hold etc.) the students will also be asked to engage into a discussion about what future tasks for the Canadian Army can be derived from Canada's national defense strategy. As contemporary example the question if Canada would be able to fill a niche in Peace Keeping capabilities will be discussed.

### **Suggested Readings**

Students will be required to familiarize themselves with the Canadian Army

<http://www.army-armee.forces.gc.ca/en/index.page>

### **WEEK 4**

#### **TBD – NAVY**

- Generic structure
- Navy terminology
- Navy capabilities and limitations
- Canadian specific issues (The arctic)

Week 4 will be a mixture of lecture and tutorial. The students will be able to better understand the capabilities of the Canadian Navy and its limitations. Besides being presented with generic principles of operation (Force Protection, Anti-Submarine and Anti-Piracy Operation etc.) the students will also be asked to engage into a discussion about what future tasks for the Canadian Navy can be derived from Canada's national defense strategy. As contemporary example the question how Canada should address potential security threats in the arctic will be discussed.

### **Suggested Readings**

Students will be required to familiarize themselves with the Canadian Navy

<http://www.navy-marine.forces.gc.ca/en/index.page>

### **WEEK 5**

#### **TBD – MODERN WARFARE (COUNTER INSURGENCY)**

- Non-state actors
- Post 9/11

- Global War On Terror
- Afghanistan (ISAF/RS)
- Iraq (Iraqi Freedom)
- Syria/Iraq (Counter Daesh)
- Role of contractors in military operations (Combat Support, Private Security Contractors (PSC))

Week 5 will consist of a tutorial. The students will be required to engage into a debate about current security threats and a general change in military operations post 9/11. The principle of outsourcing as well as the increased involvement of private contractors in military operations will be examined.

### **Suggested Readings**

Students will be required to familiarize themselves with current affairs

### **WEEK 6**

#### **TBD – MODERN WARFARE (INFO OPS)**

- Definition of Information Operation
- Power of the media
- Internet
- Influence target audiences

Week 6 will consist of a lecture and a tutorial. The students will be required to engage into a debate about current security threats in respect to (social) media and their effect on foreign policy and military operations.

### **Suggested Readings**

Students will be required to familiarize themselves with current affairs

### **TBD – READING WEEK**

### **WEEK 7**

#### **TBD – MODERN WARFARE (AUTOMATED WARFARE)**

- UAV
- Remote Killings/signature strike

- Future capabilities
- Moral debate

Week 7 will consist of a lecture and a tutorial. The students will be required to engage into discussions about ongoing and potential public debates about military operations. This tutorial will especially focus on the moral implications of UAV operations including kinetic strikes performed by these systems and will lead into the inevitable question about automated warfare.

### **Suggested Readings**

Ian G.R. Shaw, Predator Empire, University of Minnesota, 2016. (Chapter 3 and 4).

### **WEEK 8**

#### **TBD – MODERN WARFARE (CYBER/SPACE)**

- Surveillance
- Limitations of Cyber Warfare
- Space: The new frontier?

Week 8 will consist of a lecture and a tutorial. The students will be required to engage into discussions about ongoing and potential public debates about military operations. This tutorial will especially focus on cyber warfare and surveillance and will thus lead into the balance between individual security and nation security.

### **Suggested Readings**

Students will be required to familiarize themselves with current affairs and the 2001 US PATRIOT Act

### **WEEK 9**

#### **TBD – NATO TARGETING**

- Targeting process
- National caveats/"Red Card Holder"
- Technological development
- Moral aspects of targeting
- R2P

Week 9 will be a mixture of lecture and tutorial. The students will be able to better understand the NATO targeting process along with the decision making associated to this process. Real life examples will be provided which will reflect challenges and political implications on target selection, vetting and mission execution. Students will be informed about the development in

weapon technology and the subsequent public and political expectation in reference to kinetic operations. The discussion part of this lecture will expand on the prevention of civilian casualties/collateral damage and bridge this discussion to the UN Responsibility to Protect (R2P) doctrine. The student will be specifically subjected to the concept of national caveats and their effects on military operations.

### **Suggested Readings**

Students will be required to familiarize themselves with current Canadian Armed Forces Operations

#### **WEEK 10**

#### **TBD - OTHER "MILITARY" TASKS**

- Disaster relief
- Military assistance to civil authorities
- (Un)constitutional utilization of Armed Forces (internal security)
- Liberia (Ebola)
- Nation building/Policing
- Armed Forces inherent capabilities
- Anti-Piracy

Week 10 will be a mixture of lecture and a tutorial. The students will be provided with an insight into other tasks the Canadian government may direct to their Armed Forces. One special aspect to be covered is Anti-Piracy Ops and Canada's initial reluctance to contribute to these operations due to the uncertainty how to prosecute detainees (initially there was no Standing Operations Procedure (SOP) in place). This lecture may be a guest lecture from another soldier (preferably from the Canadian Armed Forces, possibly one of the other VDFs, and should touch on one of the topics from the bullets above). The tutorial will revolve around opportunities and restrictions in utilizing military forces for non-military tasks with special emphasis on the military's capabilities (or lack thereof) in nation building efforts.

\*\*\*\*Research Essay due this week on TBD lecture\*\*\*\*

### **Suggested Readings**

Students will be required to familiarize themselves with the October Crisis (1970) in Quebec and the military role during this event.

## WEEK 11

### **TBD** - POLICY IMPLICATIONS ON MILITARY OPS

- Targeting (Vietnam/Afghanistan)
- Diplomacy vs military (culture clash)
- Domestic support (public opinion)
- Effects of information Ops (IO)
- Powell Doctrine
- Clandestine Ops vs political transparency
- The effect of elections on military operations

Week 11 will be a mixture of lecture and tutorial. Based on the familiarization with the NATO targeting process (week 9), the students will be asked to engage into a debate about policy implications, domestic effects on operations and the influence of media/social media on National Security Strategy in its execution.

### **Suggested Readings**

Students will be required to familiarize themselves with current affairs and Lessons Learned from the US Vietnam Campaign (media and its effect on domestic support to military operations)

## WEEK 12

### **TBD** – PROCUREMENT POLICIES

- (Guest lecture/discussion)

Week 12 is planned as a guest lecture. The students will understand the challenges within the defense procurement process and how political ambitions and agendas can be harmful for military capabilities and subsequently a national defense strategy. The discussion will focus on policy implications and long term effects on military capabilities including potential policy recommendations.

### **Suggested Readings**

Kim Richard Nossal, *Charlie Foxtrot*, Dundurn Press, 2016.

## Other Suggested Readings

LtCol Dave Grossman, *On Killing*, Back Bay Books; 2. edition, 2009

Stéphane Grenier, *After the War: Surviving PTSD and Changing Mental Health Culture*, University of Regina Press, (Feb. 17 2018)

Robert Semrau, *The Taliban don't wave*, HarperCollins Publishers, 2013

Meghan Fitzpatrick, *Invisible Scars: Mental Trauma and the Korean War*, UBC Press; Reprint edition, (Feb. 1 2018)

Stéphanie von Hlatky, H. Christian Breede, *Going to War*, McGill-Queen's University Press, 2016

John A. Nagl, *Learning to Eat Soup with a Knife: Counterinsurgency Lessons from Malaya and Vietnam*, University of Chicago Press; New edition, (Sept. 15 2005)

Robert Taber, *War of the Flea: The Classic Study of Guerrilla Warfare*, Potomac Books; 1 edition (Aug. 1 2002)

General Paul Aussaresses, *The Battle of the Casbah: Terrorism and Counterterrorism in Algeria 1955-1957*, Enigma Books, (Sept. 1 2003)

Bernard Fall, *Hell In A Very Small Place: The Siege Of Dien Bien Phu*, Da Capo Press; 2nd edition, (April 18 2002)

David Galula, *Counterinsurgency Warfare: Theory and Practice*, Praeger; New edition, (Aug. 30 2006)

## **Annex**

### **Bio for the Course Leader**

**LtCol Andreas Vogler, Visiting Defence Fellow, Centre for International and Defence Policy Queen's University**

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LtCol Vogler has held various command and staff positions during his 31-year career in the Luftwaffe including command of a Fighter Squadron. An aviator by trade LtCol Vogler has also been assigned a wide variety of non-flying posts reaching from Wing Weapons Officer and Flight Accident Investigator to positions like Coordinator for Collective Training for the Canadian Armed Forces (National Defense Head Quarter, Ottawa) and Branch Chief in the German Armed Forces Intelligence Center. Furthermore, he was appointed the position of the Head of the In-Year-Management Branch in a multinational Strategic NATO Command (Strategic Allied Command Transformation, Norfolk) and as such was tasked with the Project Management for the development, implementation and effective utilization of the Balanced Score Card and subsequently oversaw the Command's entire business review process and the associated business process improvement initiatives. He also served as the senior Training Staff Officer of the German Air Force for Air Command & Control training and is now the Visiting Defense Fellow to Queen's University, Kingston where he teaches at the Center for International and Defence Policy.

LtCol Vogler has flown over 2000 hrs on fighter aircraft and has achieved the highest level of instructor qualifications in the German Air Force. He is also a graduate of the Canadian Forces Command and Staff College and has served 3 operational tours in Afghanistan.

He has been awarded the Distinguished Armed Forces Cross in Gold, the ISAF Medal in Bronze, the Non-Article V Medal in Bronze, the RS Medal in Bronze and the NATO Afghanistan Medal in Bronze.