

**NATIONAL UNIVERSITY OF PUBLIC SERVICE**  
**Faculty of Military Education and Officers' Training**  
**ERASMUS OFFER for INCOMING STUDENTS valid for summer semester of 2015/16**

<b>CURRICULUM/SYLLABUS</b>		
<b>Institute:</b> Institute of Military Leadership Training		<b>Department of the Institute:</b> Department of Operations and Support
<b>Subject/title:</b> Map reading and Land Navigation		
<b>Code:</b> ERH57MRLN		
<b>Credit:</b> 4		
<b>Level (bachelor/master/PhD):</b> bachelor		
<b>Tutor(s):</b> LTC Attila KALLAI PhD		
<b>Duration:</b> 6 weeks	<b>Contact hours per semester:</b> 15	<b>Contact hours per week:</b> 2
<b>Assessment/exam type:</b> written exam (test)		
<b>DESCRIPTION</b>		
<b>The aim of the subject:</b> The aim of this subject is to provide students with the skills to use standardized map products, and with an understanding of the principles and methods of positioning, as well as to make students familiar with Global Positioning System (GPS) receivers both for land navigation and reconnaissance applications.		
<b>Teaching and learning methods:</b> The syllabus will be covered by 9 hours of lectures and 6 hours of practical exercises in the field.		
<b>Timetable:</b>		
1.	(A) NATO standardized map products and (B) databases. (C) Marginal information on a military map. (D) Military and (E) topographic map symbols.	
2.	(A) Reference systems, (B) geographic coordinates and (C) military grids. Locating a point by (D) grid coordinates and (E) grid reference box.	
3.	(A) Navigation equipments and methods. (B) What military need to know about the Global Position System? (C) Using a compass, and a GPS receivers.	
4.	The using of Deffence Advanced GPS receiver	
5.	Complex field training exercise	
6.	Written exam	
<b>Assessment/Grading:</b> Students are each required to complete written exam (test), and they will also be required to participate in a six-hour practical session.		
<b>Description of the exam:</b> The written exam consists of more than 30 questions composed of multiple-choice questions.		
<b>Readings:</b> <ul style="list-style-type: none"> <li>— Field Manual No. 3-25.26 (FM 21-26) Map reading and land navigation, USA Headquarters Department of the Army, Washington DC , 20 July 2001.</li> <li>— DAGR Operator's Pocket Guide (TO 31R4-2PSN13-8-1), USA Department of Defense, Washington DC, 30 May 2003.</li> </ul>		

Budapest, 20/10/2014

Modified: 20/02/2016

LTC Attila KALLAI, PhD