



**Armed Forces Academy
of General Milan Rastislav Štefánik
Demänová 393, 031 06 Liptovský Mikuláš**

ERASMUS offer for incoming students

Department	Mechanical Engineering
Subject/ title	Barrel and design small calibre weapons
Credits	4 ECTS
Hours	30
Level (Bachelor/master)	Bachelor/Master
Tutor(s)	Assoc. Prof. M. E. Peter LISÝ, Ph.D.
Exam type	Written exam (test)
Description	The aim of this subject is to provide for students the basic principles barrel and small caliber weapons design.
Teaching Content	History of small calibre weapons Combat requirements for small calibre weapons Functional cycle of small calibre weapons Fundamentals of design small calibre weapon Practical view of couple small calibre weapons
Reading materials	[1] CARLUCCI, E. D., JACOBSON, S. S.: <i>BALISTICS, Theory and Design of Gun and Ammunition</i> . Taylor & Francis Group, 2014. ISBN9781466564374 [2] POPENKER, M., WILLIAMS, A.: <i>Sub-Machine Gun. The development of submachine guns and their ammunition from World War I to the present day. The Crowood Press, 2011. ISBN 978-1-84797-293-4.</i> [3] CUTSHAW, CH.: <i>Tactical Small Arms of the 21st Century. Gun Digest Books, 2006</i> [4] POPENKER, M., WILLIAMS, A.: <i>Assault Rifle. The Crowood Press Ltd, Ramsbury 2005.</i> [5] PETER, H.: <i>Armament Engineering</i> . Trafford, 2003. ISBN9781412002417
Remarks	Only for student with mechanical background. Difficulty will be modied for study level.