Written preparation

Course name: Leadership II

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Topic:
Selected cognitive science approaches to preparing military professionals and commanders.

Educational goal:
To introduce selected cognitive science approaches and information on effective preparation of military professionals for the newly established security environment. To discuss models of cognition, decision-making and acting of humans and human systems in fluid task situations.

Contents:
1. Theories of cognitive continuum, types of inference, decision-making and acting tasks (Brunswik, Hammond, Kostroň).
2. Selected theoretical concepts for inference and decision-making in demanding situations and under stress (Paparone, Kahneman).
3. Model of capabilities of military professional, commander, and of disposition qualities for actions and functions of humans and human systems in modern security environment (system thinking /Senge/, types of “intelligence” /Sternberg, Goleman, Koukolík/; micro-team, network and group “intelligence”).

Individual assignments:
Self-study assignment – the issue of cognitive dissonance.