

## **ABSTRAKT**

### **Title:**

Map Design For Orienteering

### **Thesis Goal:**

The main goal of the thesis is to design an updated map of the educational center of FTVS UK in the Stráž nad Nežárkou for the purpose of teaching orienteering based on literature, theory and participation on an introductory course for cartographers, which is lead by experienced map designers.

The secondary goal is to describe the process of map design for orienteering in a concise way and hence create a manual that can be used by teachers of orienteering for design of maps for educational purposes.

### **Method:**

The work described in the thesis was carried out based on literature on orienteering, particularly on map design for orienteering, and also based on knowledge gained in an introductory cartography course taught by professional map designers. The methodology of map design comprised the following steps: a) selection and preparation of materials, b) field work, when facts are marked in a map and hence the input for further processing is created, and c) the design of the final map in the cartographical software OCAD 9. This process was then concisely written down.

### **Results:**

The practical output of the diploma thesis is the updated map Ovčín VIII., which is now used as a teaching aid by the Department of sports in nature of FTVS UK. Further, the diploma thesis contains a brief manual that can be used to design a map for the purpose of teaching orienteering.

### **Keywords:**

orienteering, maps for orienteering, map design for orienteering, OCAD