

Geoinformatics Study at the Czech Technical University in Prague

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SUMMARY

At the TU Prague, there is a long tradition of master degree courses in geodesy, geodetic surveying and cartography. Taking into account the fast development of information technologies during last decades we have decided to prepare a new study program that would combine the computer science with the background of geodetic and cartographic know-how. Apart from other sources, our plans were inspired and influenced by report Review of Education Needs by Stig Enemark (Prague 1998) and our experience from several Virtual Academy workshops.

We have decided to call this program "Geoinformatics" to emphasize the role of computer technologies in collecting, analyzing and exploiting the information about our planet. Within this presentation we would like to explain the basic ideas behind our new study program and emphasize its features that distinguish it from classical geodetic or cartographic courses. We would like to mention the connection between our new study program and several geodetic and software projects running at our institute - software development for real-time GPS applications, cooperation with the Astronomical Institute University of Berne on the development of the so-called Bernese GPS Software, GNU project Gama for adjustment of geodetic networks etc.