The Surveying Curriculum of the Future

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International Trends in Surveying Education...

- Management Skills - versus specialist skills
  from traditional technical skills and push button technologies
to interpretation and management of data meeting the needs of the clients

- Project Organised Education - versus subject based
  from traditional technical skills (knowing how)
  add-on approach
to management and problem solving skills (knowing why)
focus on “learning to learn”

...International Trends in Surveying Education

- Virtual Academy - versus classroom lecture courses
  from traditional on-campus activities
to a more open role of serving the profession and the society

- Lifelong Learning - versus vocational training
  from learning for life through university graduation
to lifelong learning through CPD-strategies and distance learning

The key message

From measurement to management

- From playing a key role as geodetic engineers in exploring and measuring land and seas of the world
- To playing a new key role as and managers of land and properties

The Land Professionals

The Surveyors Profile

The only Constant is Change
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Therefore…

The educational base must be flexible
And easily adaptable to change within
the profession and society

Key Philosophy

Tell me and I will forget
Show me and I will remember
Involve me and I will understand
Step back and I will act

Chinese proverb
The Educational Profile of the Future

MEASUREMENT SCIENCE  SPATIAL INFORMATION MANAGEMENT  LAND MANAGEMENT

Design/build/manage the natural/built environment and connected spatial/legal rights

The Professional Challenge

Professional competence relates to the status as an expert. This status cannot be achieved only through university graduation and it cannot be achieved solely through professional practice.

The idea of “learning for life” is replaced by the concept of lifelong learning. All graduates must have access to the newest knowledge throughout their professional life.

E-Learning and innovative interaction between education, research and professional practice is essential in this regard.

Thank you for your attention