

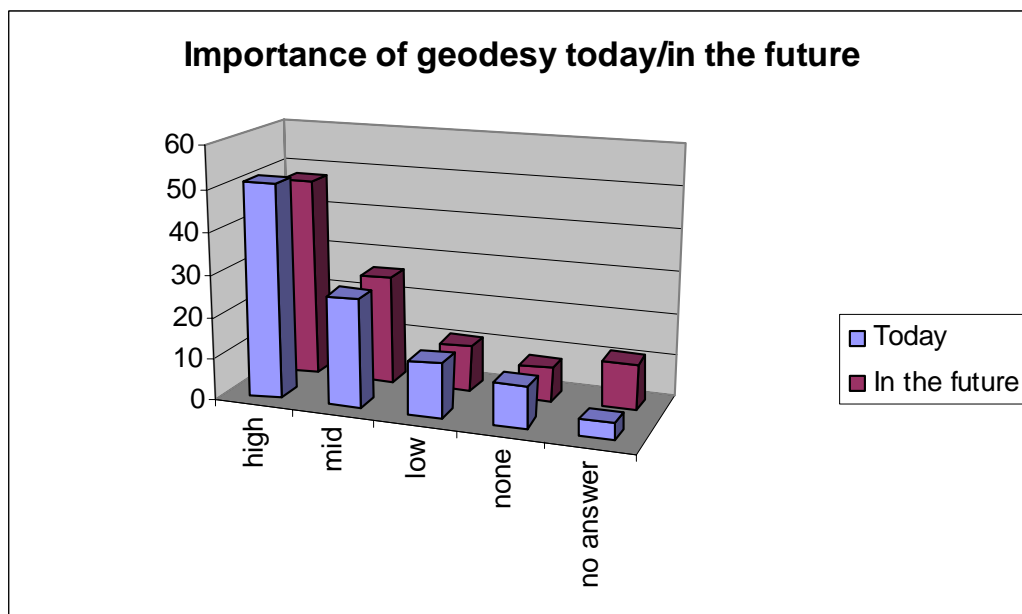
1.) Skills of GECS staff at companies/institutions

In the questionnaire we tried to find out how important are different skills of employed academic GECS staff in companies/institutions. Because of the similarity of skills we divide them in 10 groups. Those groups are:

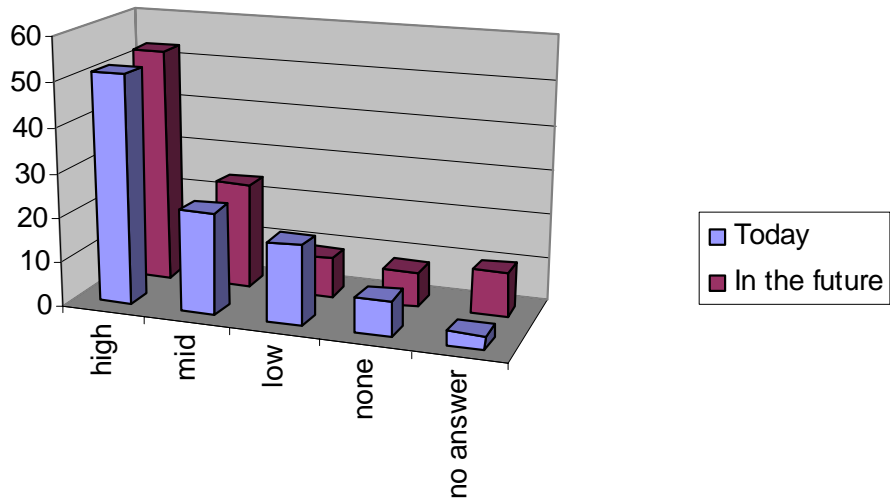
- Measurement
- Maps and GIS
- Law
- Planning and Development
- Valuation
- Economic real estate management
- Construction and cost control
- Basic competences
- Management skills
- Other skills

Measurements

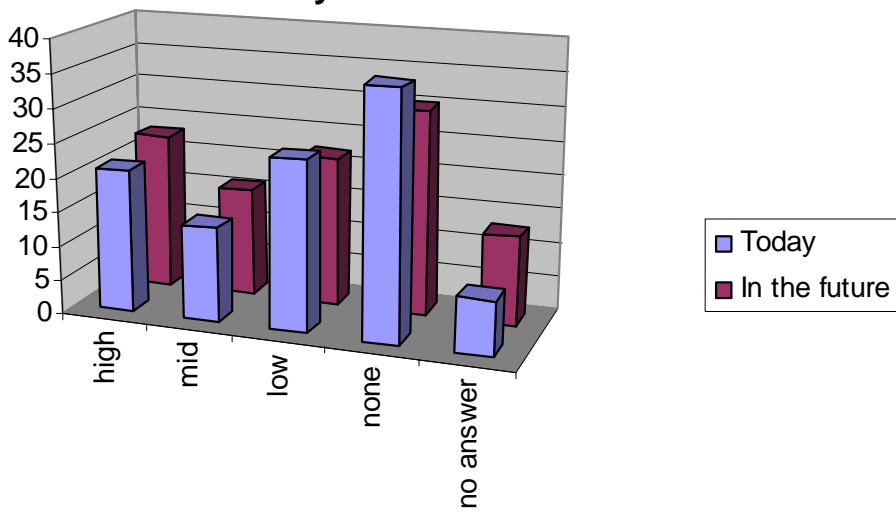
The results of the study show that importance of measurements is high today and in the future. The most important skills today and in the future are geodesy and land surveying but it has to be remarked that importance of photogrammetry and laser scanning is getting more important in the future.

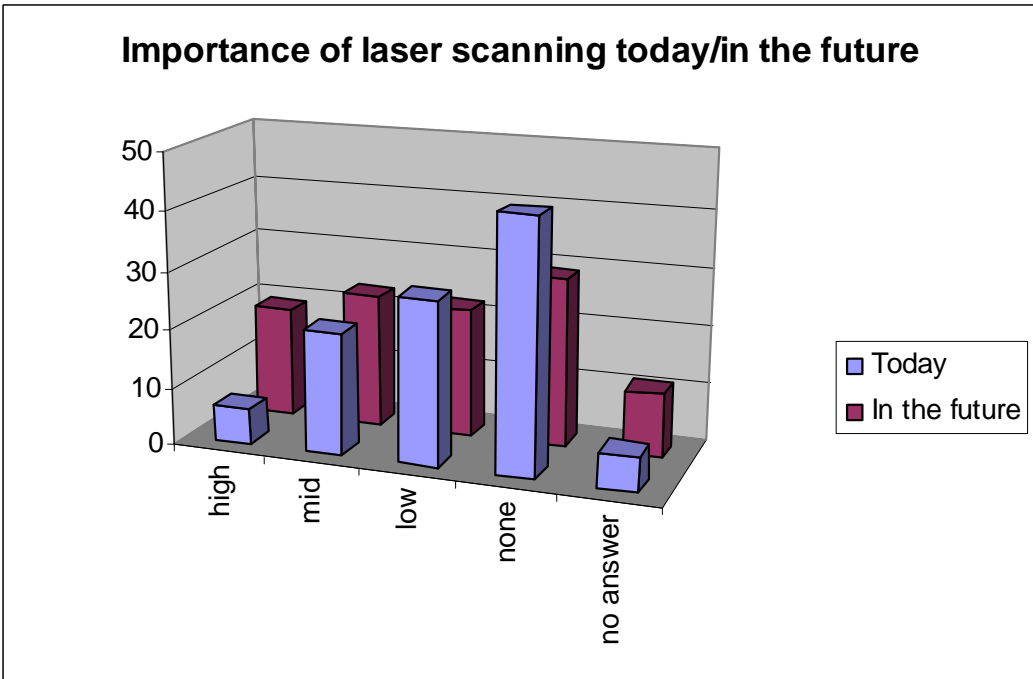
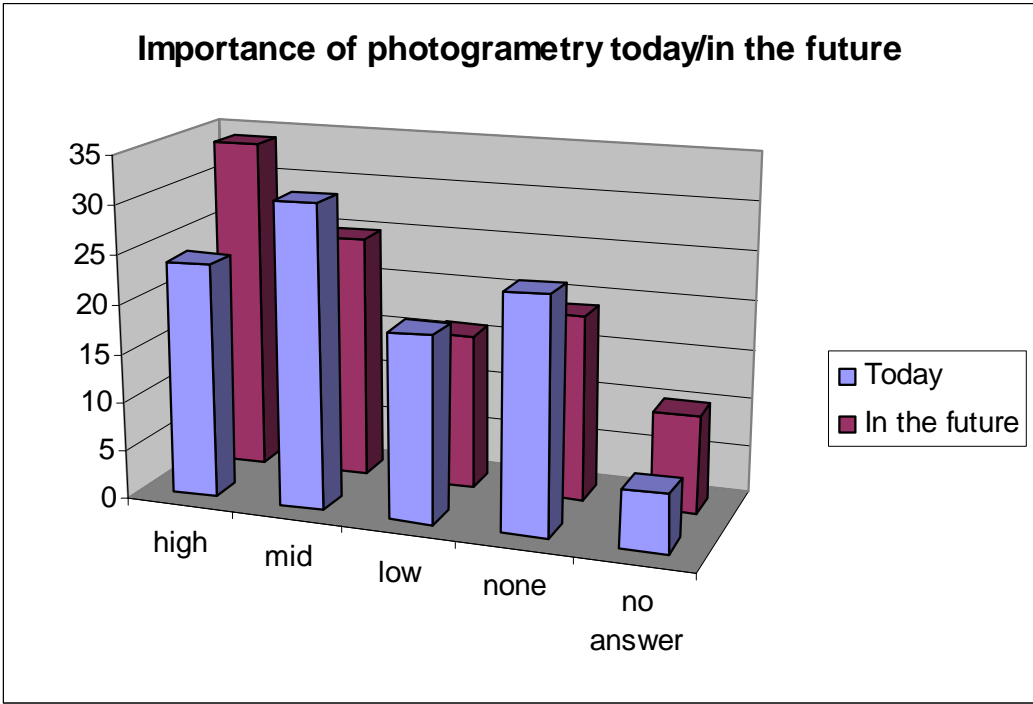


Importance of land surveying today/in the future



Importance of mining/engineering surveying today/in the future

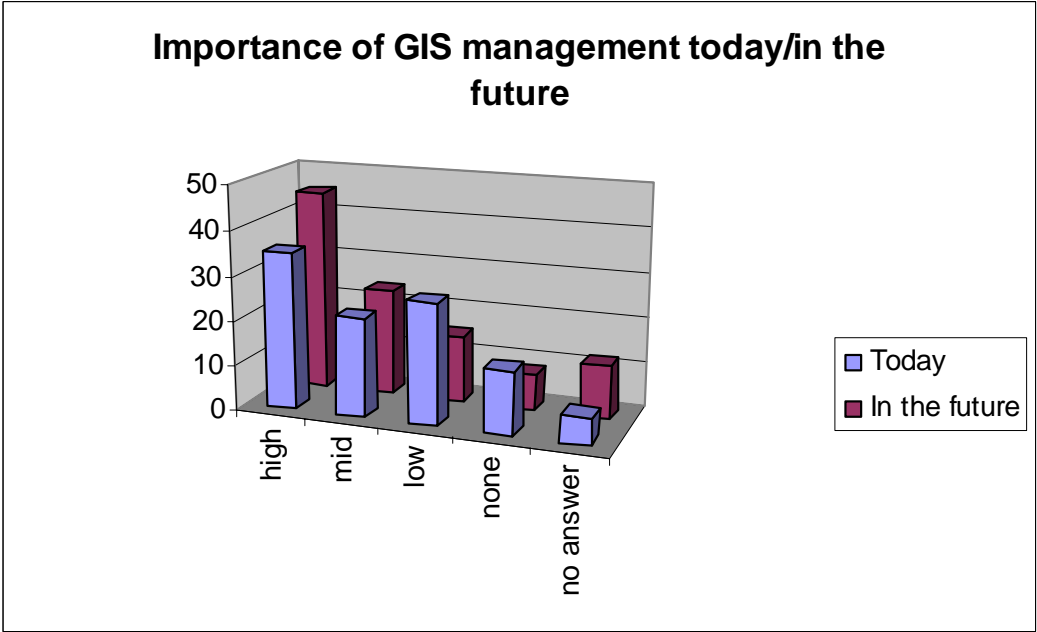
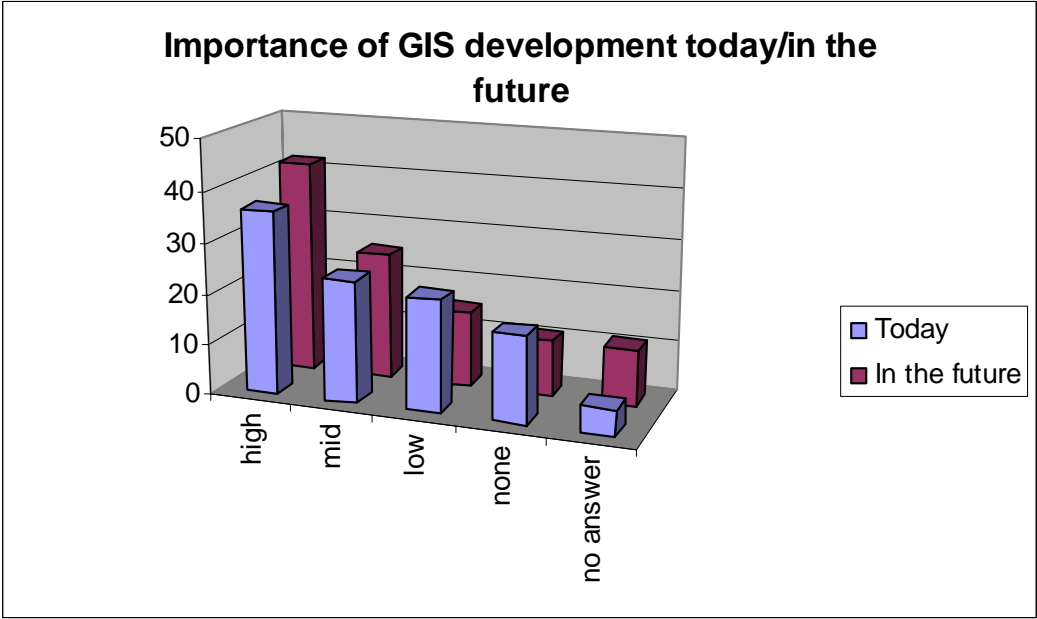




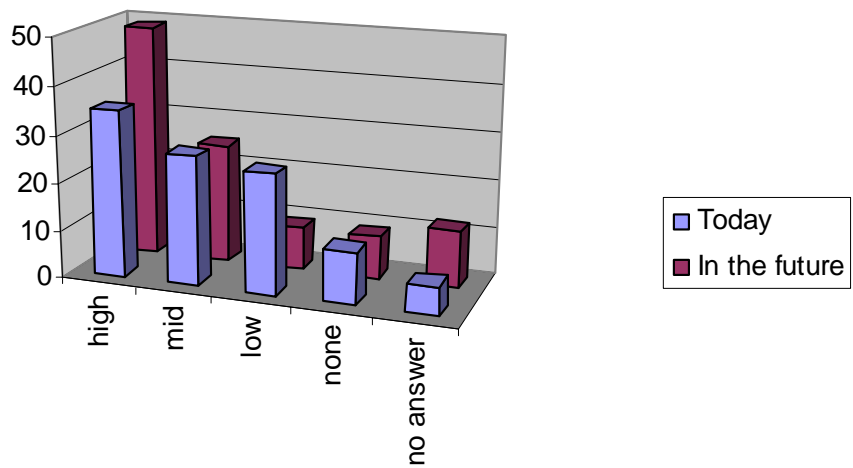
Map and GIS

The group of skills which we called map and GIS is just slightly less important than measurements. All skills GIS development, GIS management, GIS support and others in this

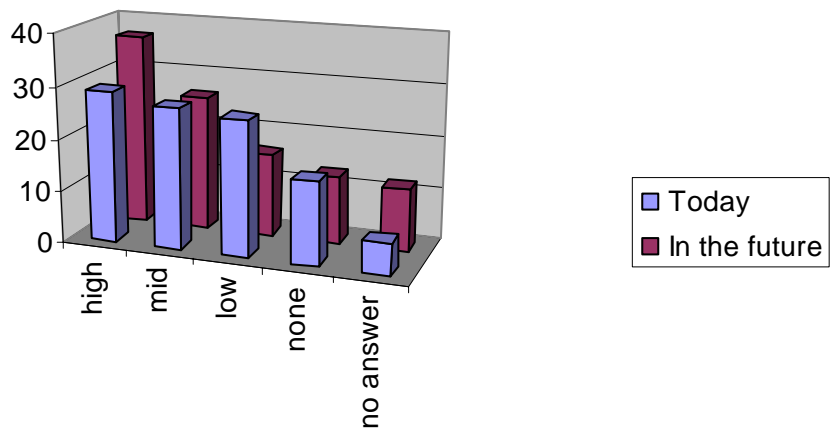
group will become more important in the future, especially GIS support. From the following charts we can see the importance of individual skill in this group.

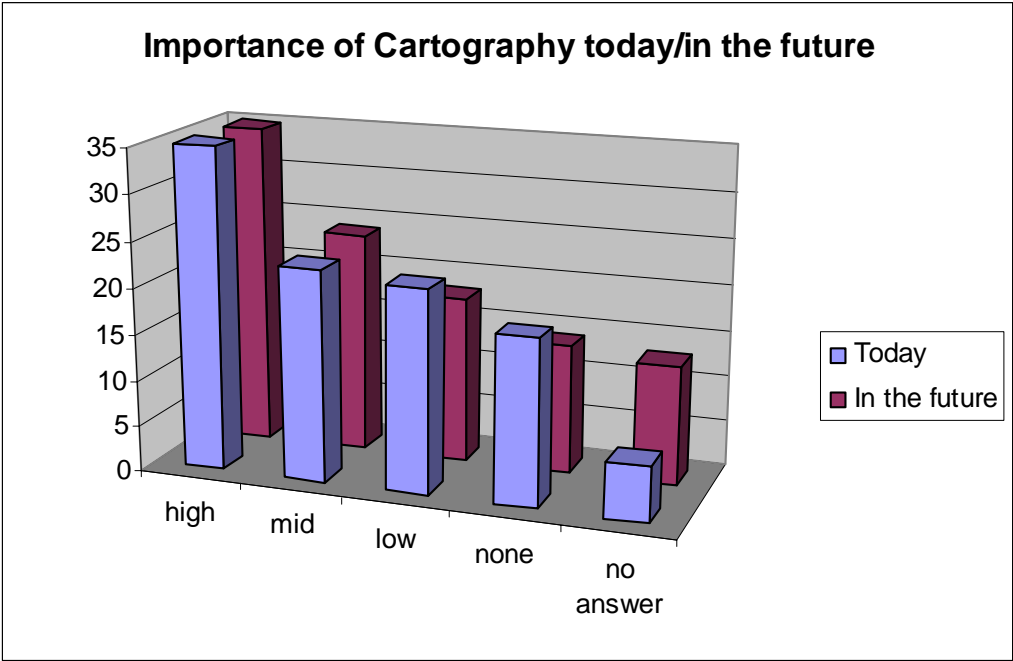


Importance of GIS support today/in the future



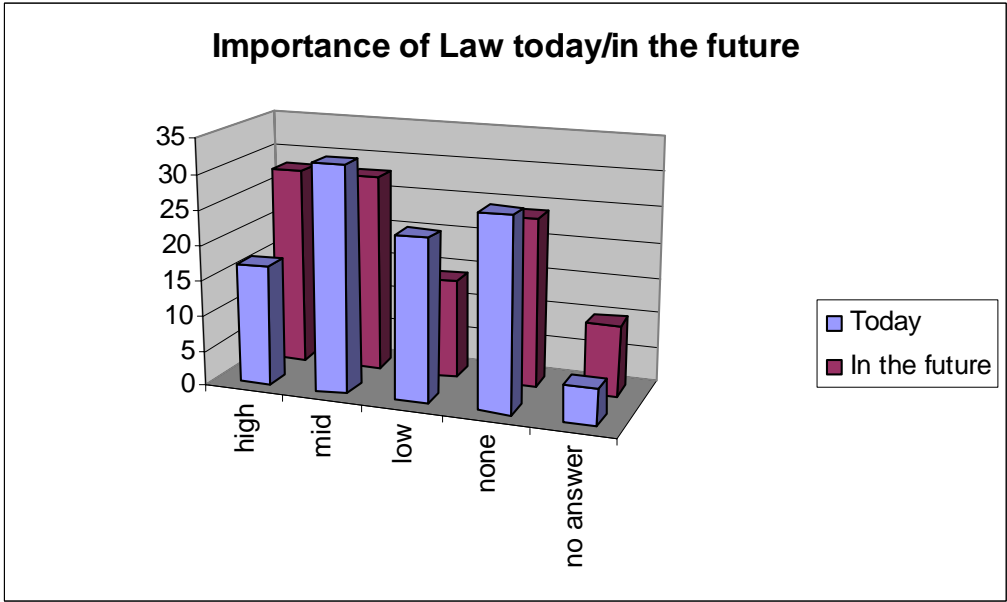
Importance of Digital Terrain Modelling today/in the future





Law

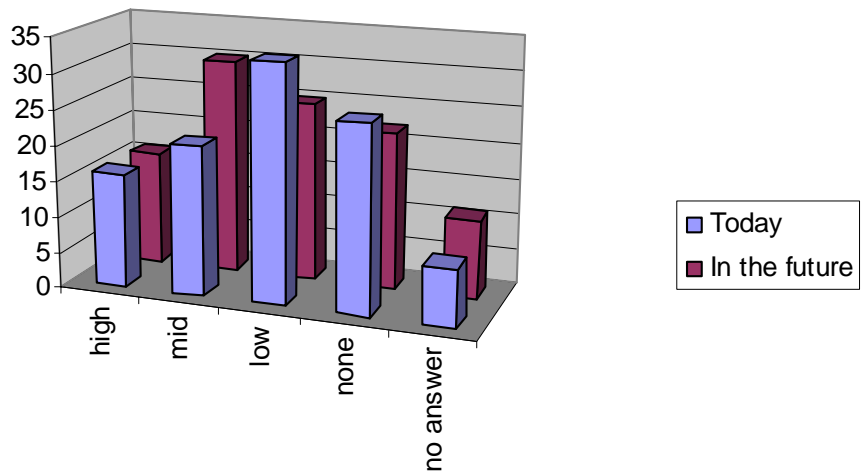
It is interesting that is already important in some companies but it will be even more in the future. For surveying companies law is not the most important skill but in the future it will be more and more necessary skill.



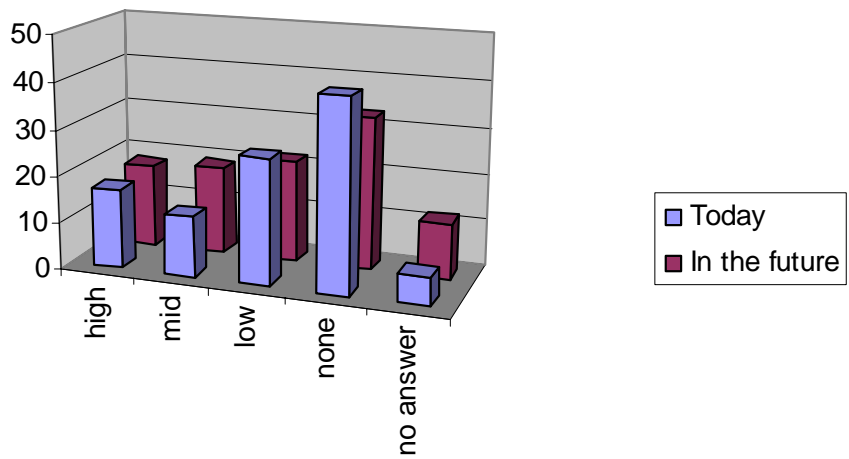
Planning and development

Planning and development is not really important skill for asked companies today neither in the future. Less then 15 companies answered that the planning is very important for them but in the future planning will became a little bit more important.

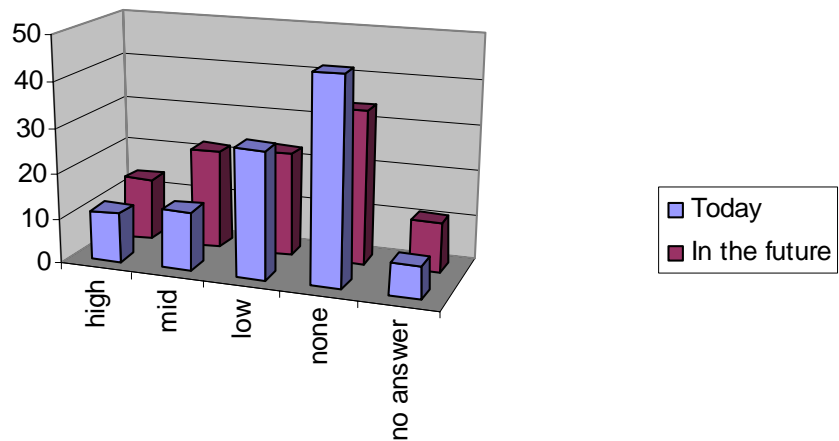
Importance of Planning today/in the future



Importance of Urban Development today/in the future

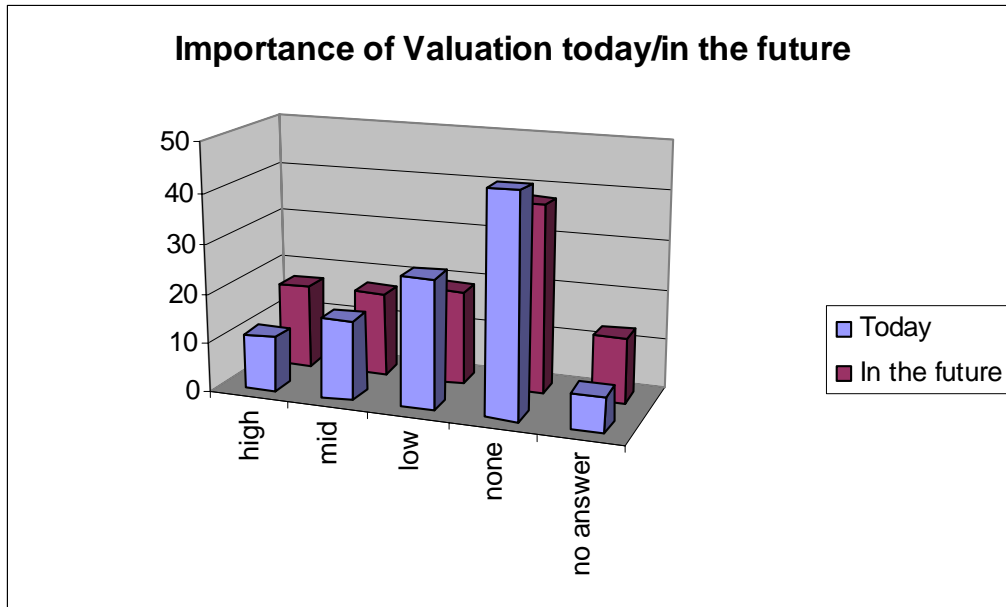


Importance of Rural Development today/in the future



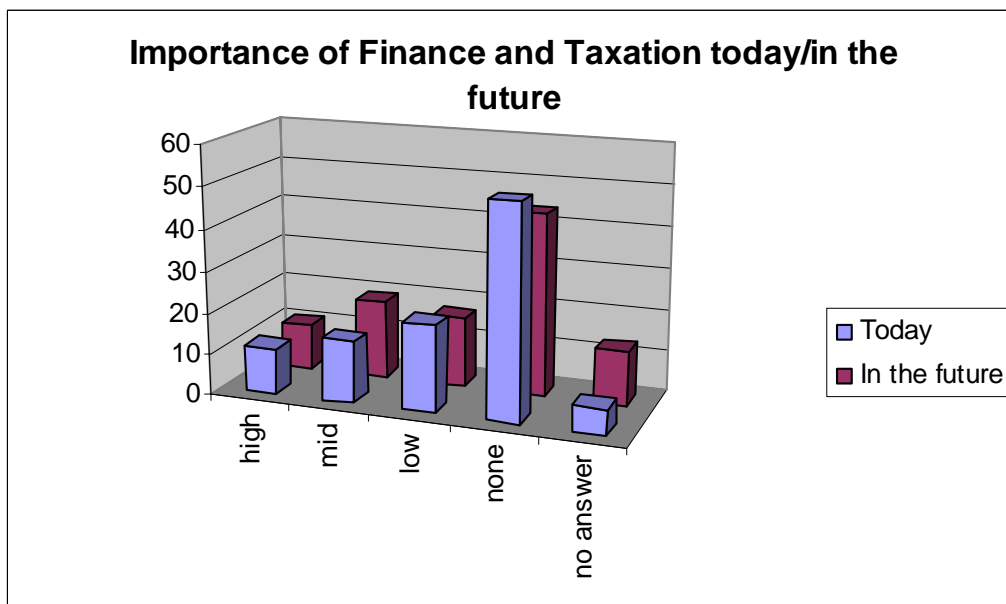
Valuation

Valuation is not one of the important skills for the companies and in the future will be more or less the same.

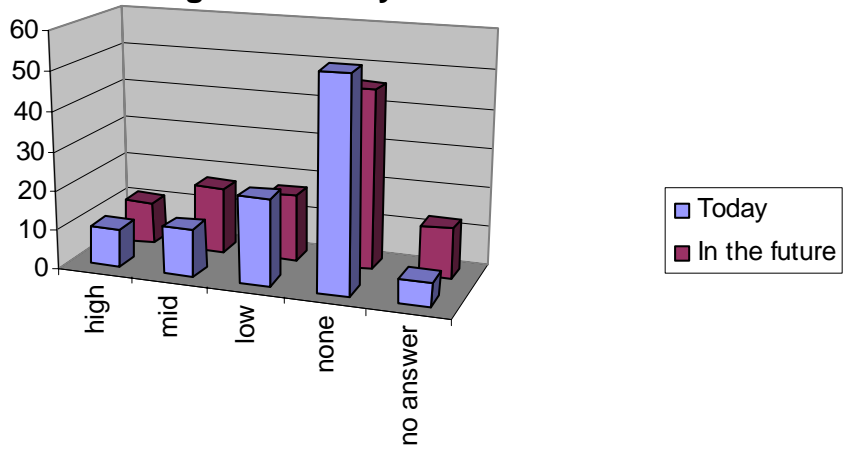


Economic real estate management

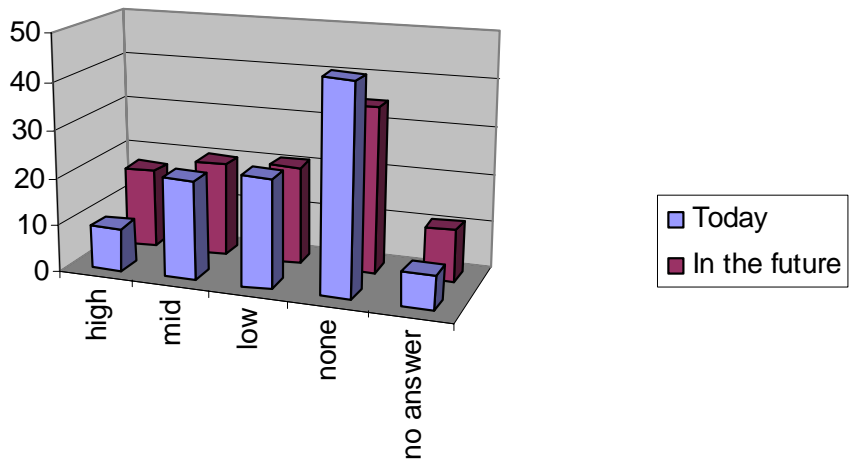
Also economic real estate management is not very important but it has to be remarked that marketing will become slightly more important.



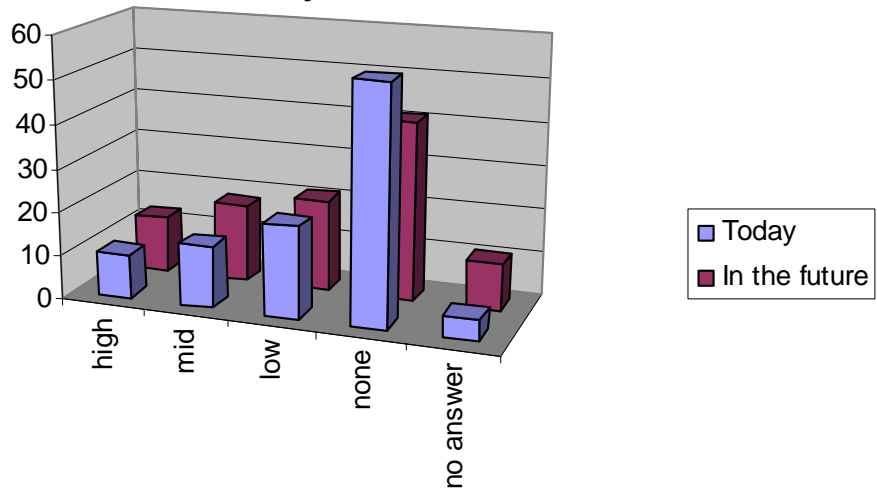
Importance of Building Economics and Management today/in the future



Importance of Marketing today/in the future

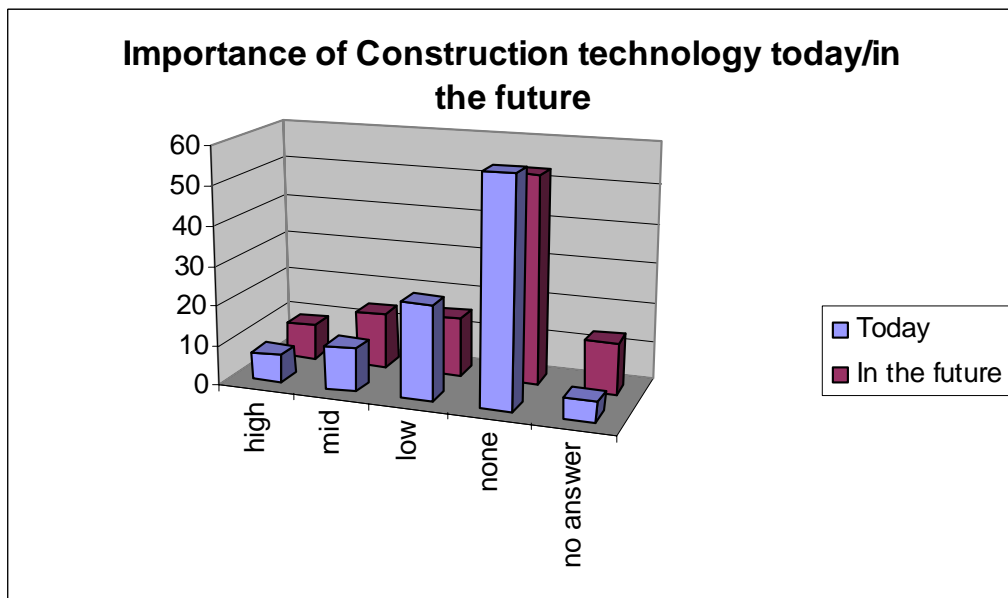
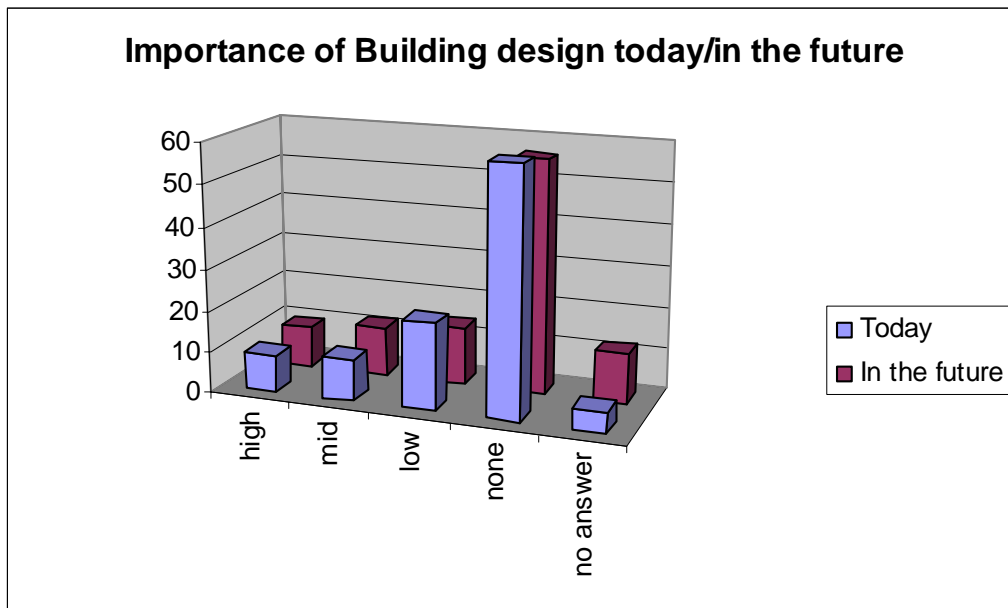


Importance of Land and Farm Management today/in the future

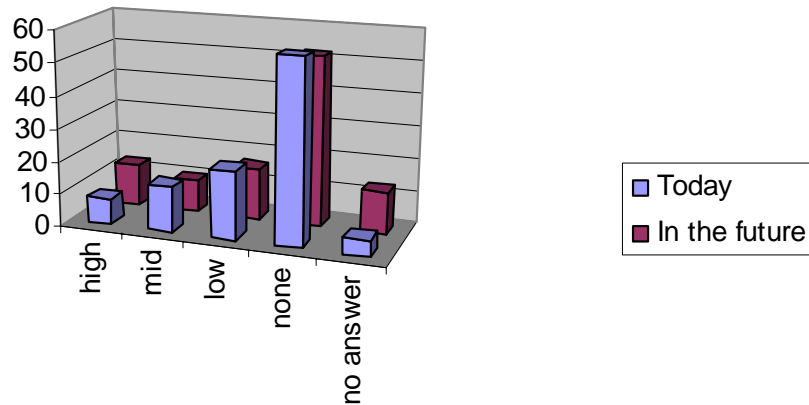


Construction and cost control

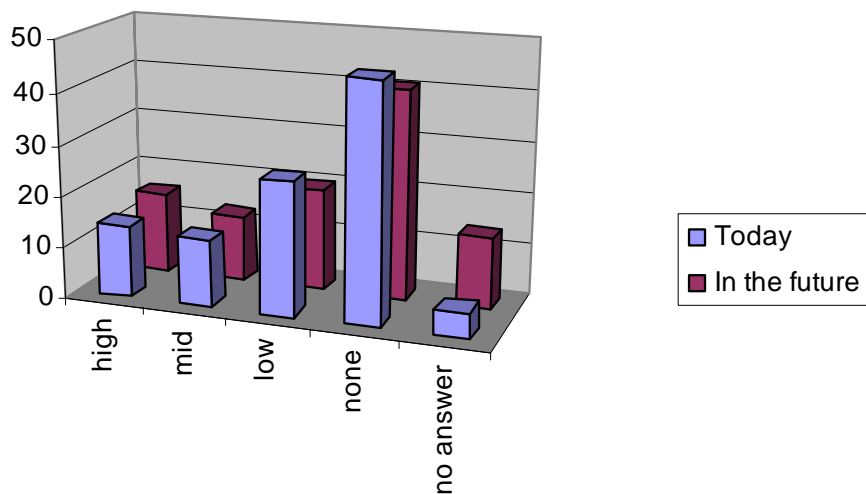
The most companies answered that construction and cost control is not important for them.



Importance of Building Quantities today/in the future



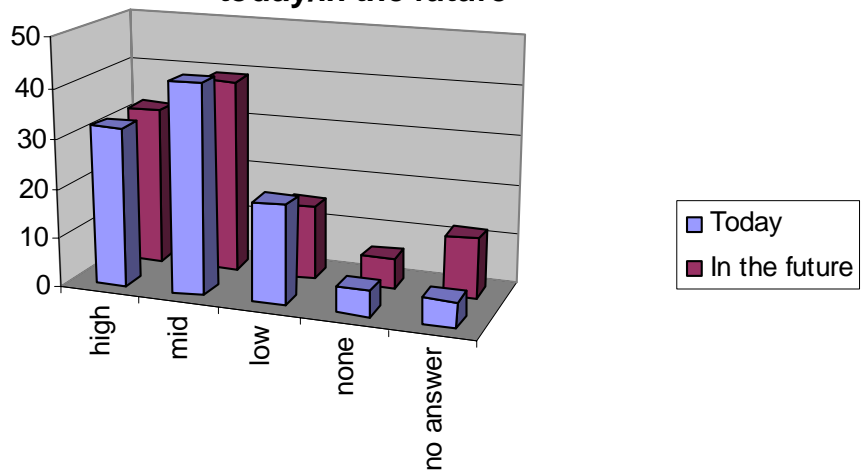
Importance of Cost control today/in the future



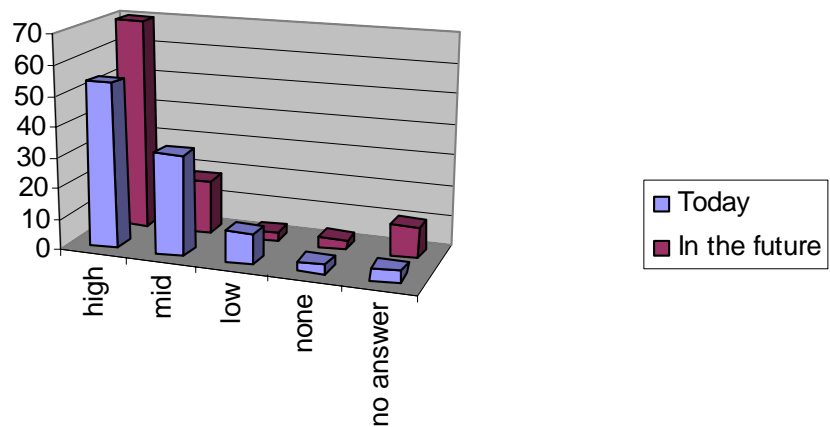
Basic competences

We stressed out that basic competences are one of the most important skills for asked companies. Especially information technology is important now but it will be the most important skill in the future.

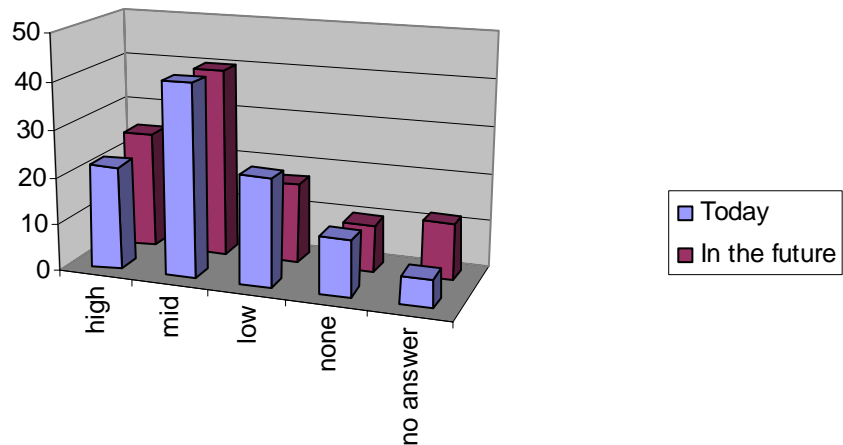
Importance of Mathematics, Statistics, Physics today/in the future



Importance of Information technology today/in the future

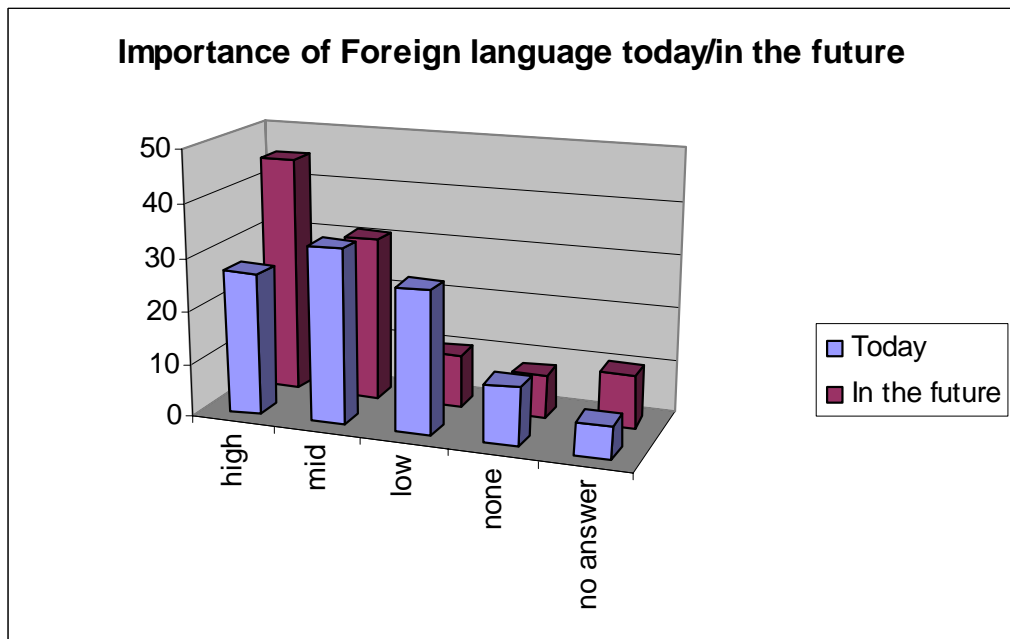
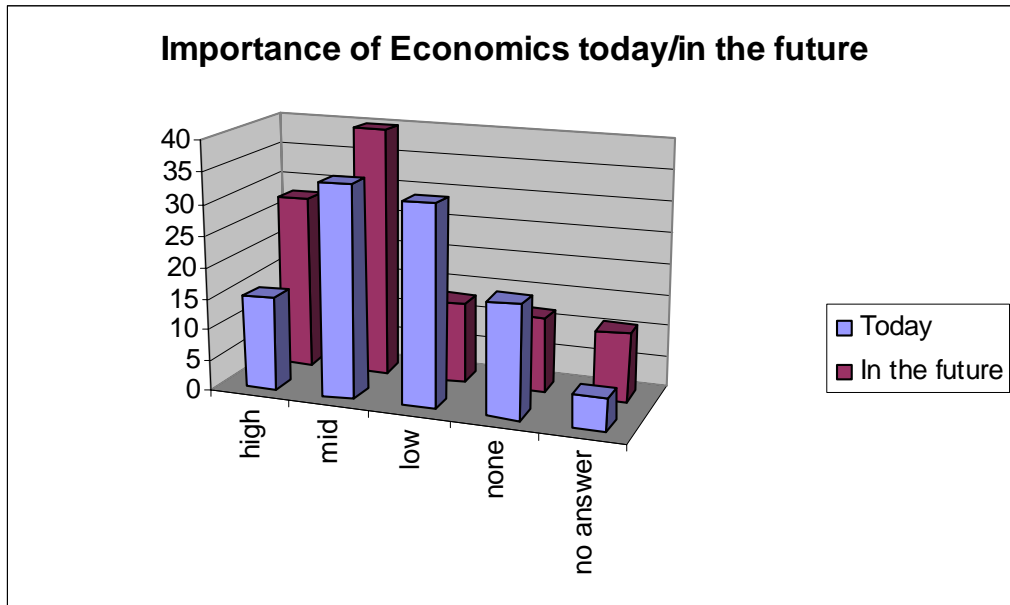


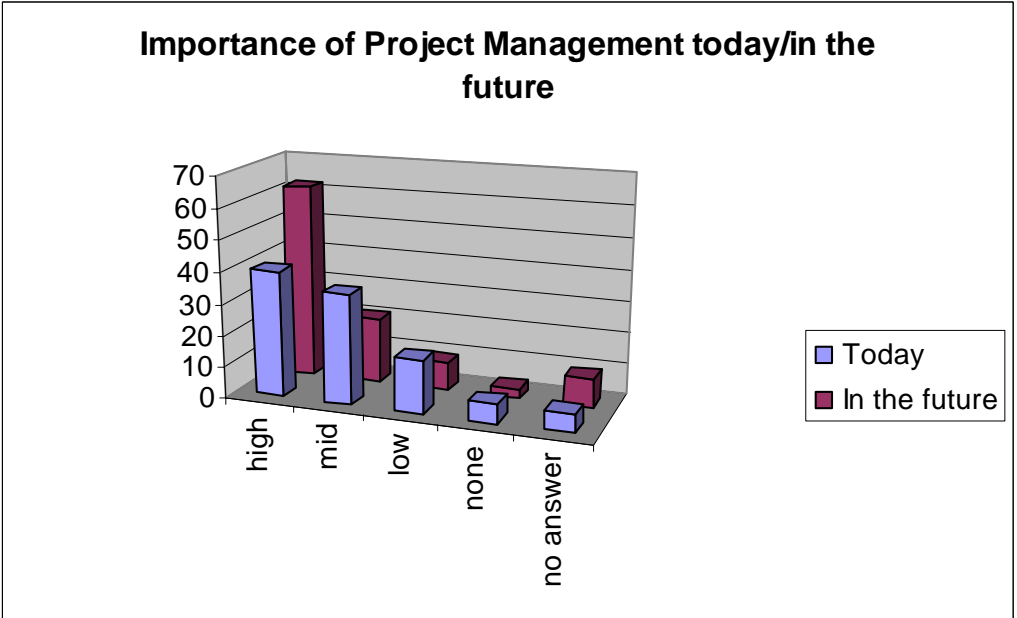
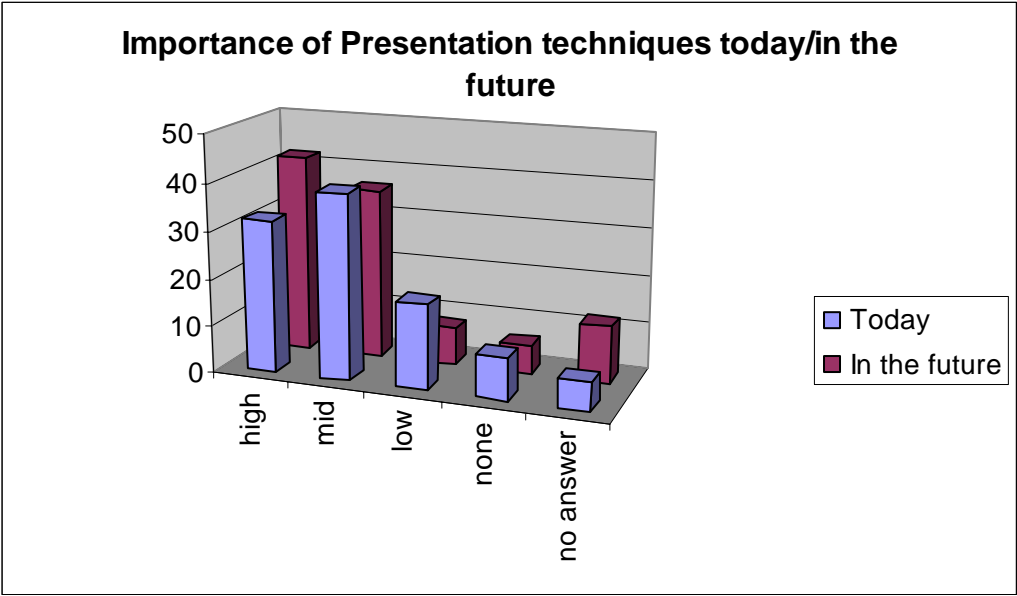
Importance of Electronics and Instruments today/in the future



Soft skills

The soft skills in which we include management skills are at the moment not so important but they will be very important in the future. We stressed out that project management will be the second most important skill in the future.





From the analyse we can make the conclusion that traditional geodetic skills are very important for asked companies at the moment and they will be in the future but they become more and more important also another skills which are not really traditional for surveying companies. These skills are for example GIS support, information technology, foreign language, presentation techniques and project management. The most of companies realized that traditional skill will not be enough for successful management in the future. It is not enough that you know how to do it but it is also important that you know how to present it and also know a lot about project management.

