

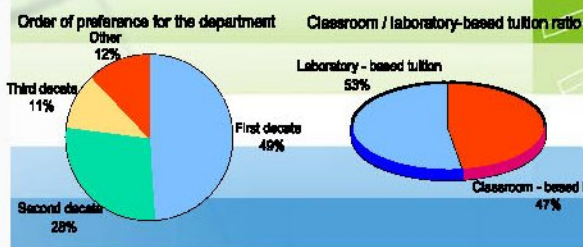
**A methodology of Design and An Operation of Impementation of a new Academic department.**  
**Department of Geoinformatics and Surveying of Technological Education Institute of Serres,**  
**A first estimation of the operation of the department.**

## TECHNOLOGICAL EDUCATION INSTITUTE of SERRES, HELLAS

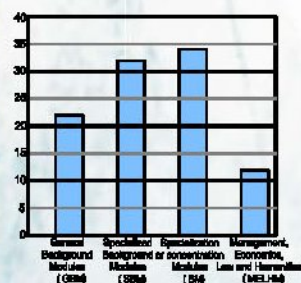
### GEOINFORMATICS & SURVEYING DEPARTMENT

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In the present article the estimation of an experience of the syntax, growth and three-year operation of new program of study of applied technology in Technological Academic Institute of Hellenic space is attempted. The continuously expanded territorial information and its technology of management constituted the challenge for the constitution of a self-existent under graduated program of study with applied direction, corresponding uniform departments in the European and international educational space during the last years. Framework and methodology of the syntax of the new program of study is analyzed. Elements from the first evaluation of this operation as well as elements from field research that succeeded in the department mainly for whether and how students themselves assume the given fields and how they evaluate allocated factors of educational process are presented. The analysis of the conclusions of the research shows that the acceptance by the academic community and the scientific and labour space tends to be solidified.



Modules to be taught are divided into four groups



Percentage of subjects per group



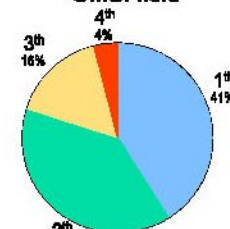
### CONCLUSIONS

This article is aimed at presenting the reasons behind the establishment of the Department of Geoinformatics and Surveying. The authors have analysed the cognitive field of its course, the structure of the course curriculum and the methodology supporting its content choice. Finally, data has been presented from the first evaluation of the operation of the department and the field study carried out concerning whether and how students themselves perceive the cognitive fields offered and how those involved in teaching evaluate the educational process. Data processing indicates that acceptance by both the student community, the tutors and employees tend to be established; therefore, new schemes of co-operation for post-graduate studies, aimed at deepening the course keep emerging.

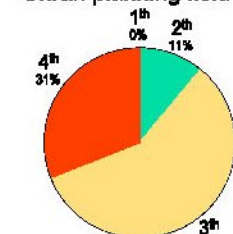


Important finding was that the students are aware of the fact that the structure of the comprises four interconnected topics / cognitive fields.

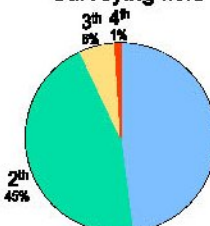
#### G.I.S. field



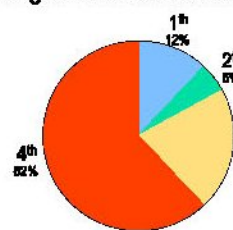
#### Urban planning field



#### Surveying field

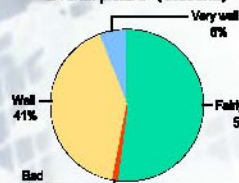


#### Background / Science field

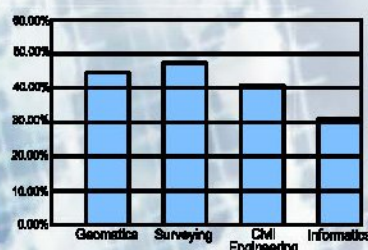
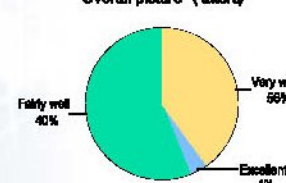


The overall image of the department from the viewpoint of the teaching staff is displayed in figure. As compared other figure which reflects the overall image of the department from the students' viewpoint, it can be perceived that tutors have a better overall picture of the course than students.

#### Overall picture (students)



#### Overall picture (tutors)



Percentage of laboratory sessions in other academic departments

