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Engineering Graphics is quite serious and difficult subject for students. For example, only 50% of students had been able to pass the Descriptive Geometry exam successfully [1]. By students' opinion Descriptive Geometry is a difficult but interesting subject. It develops space imagination of students and could be applied also in other disciplines - mathematics, physics, chemistry etc. Everything that could increase the efficiency of teaching is welcome.

By students' opinions, the best exercises are those that are interesting and allow to get maximum new information with minimum labour. The worst exercises are those that are boring, too primitive and hardly understandable.

Good opportunities to increase students' attention, optimism and creativity are some reactivating means as jokes, puzzles, tricks, attraction etc.

Engineering Graphics subjects could divided to:

- Descriptive Geometry - theoretical preparation for the following areas;
- Technical Drawing – forming representations, dimensions and other information according to international standards;
- Computer Graphics – creating technical drawings and other visual images (2D and 3D) using computer hardware and software.

In each area we can use special activations of students' interest.

Some possibilities of these modes are illustrated by specific examples.

References

- [1] Mägi R., Meister K. Descriptive Geometry and Students // Engineering Graphics BALTGRAF-6. Proceedings of the Sixth International Conference, Riga, Latvia, June 13-14, 2002, 98-102. <http://deephthought.ttu.ee/graaфика/Microsoft%20Word%20-%20BGr6-Descriptive.pdf>