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In the course of engineering graphics which is read for students in the first year of the study there is the theme: “Coted projection (Topographic projection)”. Students of the Warsaw Agricultural Academy (SGGW) on this subject perform graphic work “Earth works“, but in the Odessa State Academy of Civil Engineering and Architecture (OSACEA) – “Construction of the contours of excavation work on arrangement the construction site”.

Although there are general issues resolved in this work, there is also its own specificity reflecting the professional side of each of the universities listed here.

The topographic surface for Polish students is defined as an inclined plane. This is primarily due to the fact that land plots suitable for sowing agricultural crops are, as a rule, calm. During the execution of a given task the students, after defining the contours of the earthworks, ensuring the construction of a horizontal platform of a given size, build three profiles: parallel to the line of the slope, parallel to the direction of North-South and in the direction of East-West. The work is done independently using the step-by-step instructions set out in the textbook. [1, p.211]; the drawing is done in ink on the format A3.

For the device of a horizontal building site to students of construction specialties of OSACEA topographic surface is defined as a complex relief, which in real conditions is what designers of various construction projects often have to deal with.The site profile is built in any given direction. Our students in their work also design the road, which is the ramp for the site. Students do this work, mainly in the class in pencil on A3 format and complete it independently.

Conclusion. Comparison and discussion of methods of various universities contributes to the improvement of the quality of the development of tasks in each individual university, taking into account its specificity.

Literature:

1. HalkowskiJ., KoźmińskaJ. Zarysgeometriiwykreślnej. WydawnictwoSGGW, 2007. 287 s.