

ASTRONOMICAL OBSERVATION AS THE KEY FACTOR OF THE MODERN ASTRONOMY TEACHER TRAINING

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It is hardly possible to train a qualified astronomy teacher for secondary general educational institutions unless the teacher is familiarized with the modern recording methods of cosmic-emitted electromagnetic emissions as well as the practice of the observations.

In order to solve the above-mentioned tasks V.O.Sukhomlynskyi Mykolayiv National University the course called «Astronomical observations» which is comprised of two parts has been worked out. The first part, theoretical one, called «Modern Facilities of Astronomical Observations» fairly descriptively presents three branches of astronomical observations: ground optical, radio-astronomical and orbital exoatmospheric investigations. The second - practical part is a laboratory course which includes six laboratory researches mainly aiming to familiarize with the modern amateur equipment for carrying out of astronomical observations.

Thus, evident pedagogical orientation is discernible, i.e. orientation aiming to train qualified astronomy teachers as well leaders of astronomy classes of out-of-school educational institutions.

As for the professional observations they are carried out during the astronomy and astrophysics courses as well as during the special practical training on astronomy by means of the University astronomical observatory equipment, most notably Cassegrain system reflecting telescope of 702-mm and Ritchey-Chretien system reflecting telescope of 400-mm.