

THE PROCESS OF FORMATION OF THE RESEARCH QUALITIES OF A STUDENT

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The research culture of a specialist in modern education defines basic availability factors of a person for the effective professional activity.

A professional in the system of constantly changing social, ideological, professional and interpersonal relations is to search, study, evaluate and improve his or her status, he has to define influence on others. The research of others and self-enquiry are merging into one common process.

Due to these phenomena there appears the necessity to form the research qualities of a future specialist from the very first student's years.

Besides, in academic pedagogy itself the idea of the research directivity of the professional training is more and more often being formed. (Atoyán V.P., Bondarevskaya E.V., Zagvyazinski V.I., Pryazhnikov N.S.) . In fact, the basic personal qualities of a professional-researcher are formed namely in the research activity of students.

In more than 200 works on academic education the basic research qualities of a person necessary for the formation in the educational process have been singled out by us. They have been divided into 3 groups:

1. professionally-oriented: polymathy, competence, awareness, objectivity
2. professionally-analytic: inquisitiveness, mind consistency, tough – mindedness, acumen, quick-wittedness, censoriousness
3. professionally-forecasting: farseeing, forecasting, foresight, acumen

Each group of qualities performs its leading functions: the first is the orientation in the conditions of life, practice, action and inside him- or herself; the second- evaluation of the given situation, possibility of realization of his \her potential in a certain activity, prognosis of possible difficulties, mistakes, optimum

variants of the correction of the made decisions, activity programs ; the third- provides planning , prognosis and self-organization of activity.

All three groups of the research qualities presume the simultaneous study of themselves and circumstances, measurement of their work potential and the work potential of the others. The given classification is relative: the research qualities can be included in other groups: for example, objectivity or competence.

Students are offered to compose a project program according to the algorithm:

- mark the research qualities necessary for the future professional activity (a list of qualities with due regard for the specialization) ;

- compose a program of formation of their basic qualities with an indication of their significance and subsequence;

- according to the given sample compose a program of the development of the research qualities;

- use the offered methods and techniques of the upbringing of the research qualities: study of the popular science books; the work with dictionaries and encyclopedias; note-taking from the resources on the certain problem, modeling of the self-development projects ; participation in discussions , disputes, role plays; project development and prognosis of the results of creative activity, self –analysis and self esteem of the behavior, life experience, products of his\her activity.

The targeted work on the formation of the scientific –research cogitation is performed on the personal basis, the formation of the personal qualities is performed both individually and in the team research work.

The study of the educational process has marked the following problems: information oversaturation causes the biggest difficulties in teachers and students in the formation of the research cogitation ; unsupervised work leads to the formation of the research cogitation if it is initially performed according to sample, algorithm , then practical tasks are performed with the help of theory, then competitions of the best tasks solutions , inspection of the initiative ideas, project development are held; in the educational process the consistency and subsequence

of the acquisition of professional research work techniques is expedient: critical re-evaluation of the studied processes and phenomena, comparison of similarities and differences, recognition of entity, information core, detection of contradictions.

The providing of unity of the educational and research activity will contribute to the formation of the research qualities of a student.

Literature:

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