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«Training system for professionally competent personnel of student construction brigades' main office in NRU MGSU (2011-2019)»

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Problem statement

Ensuring systematic improvement of the quality of training of young specialists for the construction industry can be implemented using the appropriate level of the Institute of student construction units.

The goal can be achieved by solving the following tasks:

- Selecting the type of organizational structure that best meets the tasks set for the movement for the SCU of the University;
- Development and systematic implementation of measures aimed at the evolutionary transformation of the organizational structure SCU
- Formation of a system for training professionally competent personnel based both as on the development of professional skills and as personal qualities of students.



Solution methods

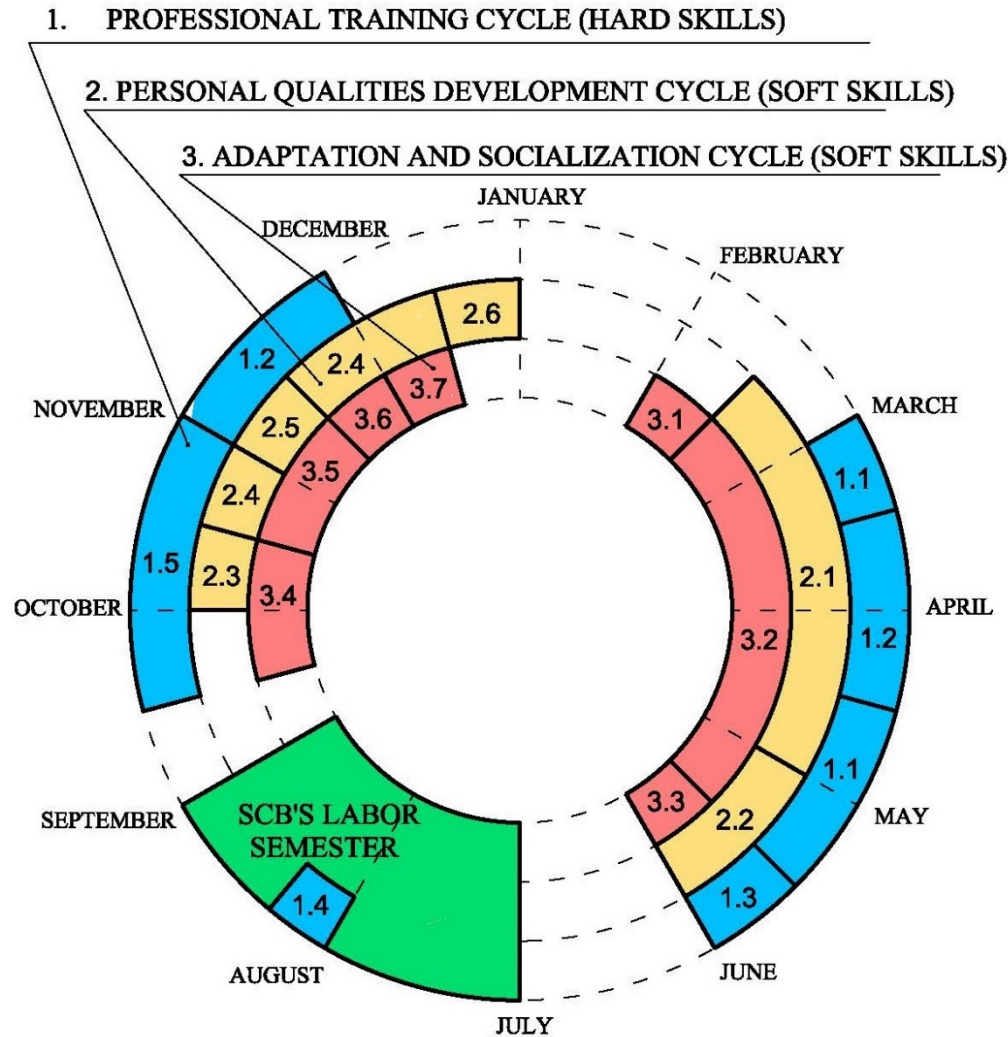
The system of training professionally competent personnel of the staff of student construction units of an educational organization can be implemented by conducting three events cycles interconnected in time, goals and resources:

- Professional training cycle (hard skills);
- Personal qualities development cycle (soft skills);
- Adaptation and socialization cycle (soft skills).

The training system for professionally competent personnel developed by the SCB's main office of the NRU MGSU in 2011-2019, that had been implementing and improving until 2020 is shown in figure 1.



Solution methods



- 1.1. ACHIEVEMENT OF TRADESMAN QUALIFICATION WITH FOLLOWING PROFESSIONAL QUALIFICATIONS ASSIGNMENT OF THE APPROPRIATE LABOR GRADE.
- 1.2. VISITING UNIQUE ENGINEERING STRUCTURES AND LARGE-SCALE INVESTMENT AND CONSTRUCTION PROJECTS AS PART OF PROFESSIONAL STUDY TOURS.
- 1.3. TRAINING IN SAFE METHODS AND TECHNIQUES FOR PERFORMING WORK WITH A PERMIT-TO-WORK AT A HEIGHT OF 1.1 M OR MORE WITH THE USE OF SCAFFOLDING.
- 1.4. PREPARATION AND PARTICIPATION IN THE ANNUAL COMPETITION PROFESSIONAL SKILLS OF "THE BEST IN PROFESSION IN THE CONSTRUCTION OF THE NUCLEAR INDUSTRY".
- 1.5. PREPARATION AND PARTICIPATION IN THE ALL-RUSSIAN COMPETITION OF PROFESSIONAL SKILLS AMONG STUDENT BRIGADES "#TRUDKRUT".
- 2.1. LECTURES AND PRACTICUMS COURSE OF THE SPRING CYCLE OF NRU MGSU SCB'S SCHOOL.
- 2.2. PARTICIPATION IN THE SPRING FIELD SCHOOL BY NRU MGSU SCB'S MAIN OFFICE.
- 2.3. ORGANIZATION AND PARTICIPATION IN FINAL REPORTING EVENTS OF NRU MGSU SCB (MEETING NRU MGSU SCB), AND STARTING AN AGITATION COMPANY OF THE NEW SEASON.
- 2.4. ORGANIZATION AND PARTICIPATION IN THE FALL CLASSES CYCLE OF SCB SCHOOL.
- 2.5. PARTICIPATION IN THE FALL FIELD SCHOOL BY NRU MGSU SCB'S MAIN OFFICE.
- 2.6. ORGANIZATION AND HOLDING OF THE NEW YEAR FESTIVAL OF THE NRU MGSU SCB.
- 3.1. PARTICIPATION IN THE ALL-RUSSIAN PATRIOTIC CAMPAIGN "SNEZHNYJ DESANT RSO"
- 3.2. PARTICIPATION IN SCHOOLS for SCB's senior members, which is HELD BY THE MOSCOW REGIONAL BRANCH OF MOOO "ROSSIJSKIE STUDENCHESKIE OTRYADY".
- 3.3. PARTICIPATION IN THE OPENING EVENTS OF THE SCB'S THIRD LABOR SEMESTER.
- 3.4. PREPARATION AND PARTICIPATION IN THE ANNUAL MEETING OF STUDENT BRIGADES OF MOSCOW.
- 3.5. PREPARATION AND PARTICIPATION IN THE ALL-RUSSIAN MEETING OF STUDENT BRIGADES
- 3.6. PARTICIPATION IN THE STRATEGIC SESSION OF THE MOSCOW REGIONAL BRANCH OF MOOO "ROSSIJSKIE STUDENCHESKIE OTRYADY".
- 3.7. PARTICIPATION IN THE BRIGADES' FORUM "SNEZHNYJ DESANT RSO" OF MOOO "RSO".

Figure 1. The training system for professionally competent personnel within the framework of student construction brigades.



Conclusions

Results, implementation

Developed training system for professionally competent personnel within the framework of student construction brigades was realized in 2011-2019 years by the the headquarters of the SCU NRU MGSU, which allowed:

- In 2016, 2017 became a winner All-Russian competition of professional skills among student units #TRUDKRUT
- Become the best headquarters of student units of an educational organization in Moscow in 2014, 2017, 2018
- Be constantly presented in the international student construction units of the state atomic energy Corporation "Rosatom»



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