

GTO complex implementation technology for educational system



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Background. The GTO Complex reinstatement project is being implemented in the country by the joint efforts of the physical education and sport sector actors, relevant governmental agencies and enthusiastic popular groups [1, 2].

Objective of the study was to provide a theoretical basis for the GTO Complex implementation project control mechanism at university.

Study findings and discussion. The GTO Complex implementation process control mechanism shall include the following modules: progress test, regulatory, design and corporate management modules.

The *progress test module* implies the GTO Complex implementation progress being tested and monitored using the relevant set of progress rating criteria to analyze the project success.

The *regulatory module* implies the relevant local legal and regulatory framework being formed for the project implementing establishments, including educational ones. The framework will be formed by the relevant directives, instructions and regulatory provisions to improve efficiency of the GTO Complex implementation efforts that should be governed by the relevant federal and regional regulatory provisions on the one hand and take into account the local needs and resources on the other hand.

The *project design module* is intended to design a plan for the GTO Complex implementation by the relevant establishment.

And the *corporate management module* is designed to control and manage the GTO Complex implementation process by supervision of the test process (including bidding rounds), trainings for referees and volunteers etc.

Let us now consider the practical experience of the GTO Complex implementation project by the Physical Education and Sports Sector Control Office of the Belgorod Oblast Government with contributions from the relevant regional corporate entities and governmental agencies: see Table 1.

Table 1. *Regional contest of the GTO Complex implementing institutions, with the success rating criteria*

<i>Key success criteria</i>	<i>Percentage points scored</i>
Staff registered on the GTO Complex website (registration number RN) to the total staff ratio: <i>Criterion 1</i>	$(RN \times 100\%) / \text{Total staff} = \%$
Staff tested (TST) to the total registered staff ratio: <i>Criterion 2</i>	$(TST \times 100\%) / RN = \%$
Staff successful in the tests (SS) to the tested staff ratio: <i>Criterion 3</i>	$(SS \times 100\%) / TST = \%$

As seen from Table 1, the contest may be easily won by the following manipulation: (1) Register on the GTO Complex test website only those staff members who are fully fit for the tests (it may be even one person); (2) The person(s) successfully competes and gets the GTO Badge(s). In this case criteria 2 and 3 give a 100% score – despite the fact that the actual staff participation is close to nothing. This means that such a corporate success scoring procedure is definitely unfair and misleading.

Presently a few regulatory provisions still require the corporate success rate being computed versus the numbers of the registered and actually tested staff members. Furthermore, the procedural recommendations on how the GTO Complex should be implemented and the test success scored are provided by the Order of the Ministry of Sports of the Russian Federation dated August 31, 2017: they offer the successful qualifiers for the GTO Badges to the total tested group ratio as *Criterion 5* [3, 4].

Our study data show benefits of only those corporate success rating criteria that rate success to the *total staff number*. Thus, the above Table 1 may be reshaped as follows: see Table 2.

Table 2. *Regional contest of the GTO Complex implementing institutions, with the success rating criteria offered by Belgorod State National Research University*

<i>Key success criteria</i>	<i>Percentage points scored</i>
Staff registered on the GTO Complex website (GTO registration number, RN) to the total staff ratio: <i>Criterion 1</i>	$(RN \times 100\%) / \text{Total staff} = \%$
Staff tested (GTO TST) to the total staff ratio: <i>Criterion 2</i>	$(TST \times 100\%) / \text{Total staff} = \%$
Staff successful in the tests (GTO SS) to the total staff ratio: <i>Criterion 3</i>	$(SS \times 100\%) / \text{Total staff} = \%$

The above GTO Complex test success rating procedure will help engage in the GTO Complex tests every willing staff member rather than only those who have every chance to win a GTO badge [4]. Based on the study and analyses, we propose to keep track of the badge winners versus the total qualifiers for the GTO Complex tests and total staff numbers for years, with special attention given to transitions from one age group to another to avoid double accountings of the successful badge winners.

Conclusion. The efforts to improve the existing GTO Complex implementation project control mechanism require the GTO Complex test success rating system being revised and updated to eliminate contradictions and obvious rating errors in the process.

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Abstract

The study analyzes practical experience of the GTO Complex implementation project at Belgorod State National Research University with a special emphasis on the GTO Complex implementation process control mechanism including the following modules: progress test, regulatory, design and corporate management modules. The progress test module implies the GTO Complex implementation progress being tested and monitored on the run using the relevant set of progress criteria to analyze the project success. The regulatory module implies the relevant local legal and regulatory framework being secured for the project implementing educational establishment. The project design module is intended to design a plan for the GTO Complex implementation by the establishment. And the corporate management module is designed to control and manage the GTO Complex implementation process.

The study offers a set of the GTO Complex implementation efficiency rating criteria applicable by the implementing educational establishment. The study data demonstrates the need for the GTO Complex implementation projects to be supported by the modern technologies with the relevant updates of the existing

system based on the progress test data to eliminate barriers, contradictions and serious inefficiencies in the process.