



Eximia Journal
(ISSN 2784-0735)

Vol. 13

2024

The cognitive and educational importance of the academic teacher for developing the applied skills of third-stage female students in the subject of teaching methods from their point of view

Yasir Hussein Khudhair, Abdullah Ghazi Hamdan, Saad Abbas Fadhil

University of Baghdad, Faculty of Physical Education and Sport Sciences, Iraq

yaser.hussein1204a@cope.uobaghdad.edu.iq, abdullag.G@cope.uobaghdad.edu.iq,
Saad.a@cope.uobaghdad.edu.iq

Abstract. The research aimed to prepare a measure of the importance of enlightenment, academic education, and applied skills for third-stage female students, including teaching methods from their point of view/College of Education and Sports Sciences/University of Baghdad/Al-Jadriyah. The researchers used descriptive description in the comprehensive research procedures, an appropriate methodology in achieving the research objectives, sufficient for interpretations, how important is the academic teacher's knowledge of teaching methods for student learning, what are the roles that the learners have acquired from the academic teacher. The scale of importance and horror consists of 15 items. The research population includes female students of the third stage/College of Education, Fitness and Sports Sciences, numbering (135) students. Attractive artistic drawings were chosen in proportion to 48%. The researchers concluded that the educational and cognitive importance of the academic teacher for developing applied skills for female students is considered the main focus for learners, especially for third-year female students, as she is the link through which what has been learned at this stage is linked and refined in the next stage of the educational process for female students. The researchers recommend benefiting from the academic teacher for the subject. Teaching methods in holding workshops and lectures for all educational levels, and emphasizing the importance of the subject of teaching methods for learners because it is the jewel that is acquired during the four years of study.

Keywords. Academic teacher, educational cognitive, applied skills development

Introduction

The identification of the basic teaching methods around which the educational process revolves between (teacher and learner) leads to the performance of the formation of an educational environment by the teacher that helps learners to achieve their educational goals, and develop them well, all countries are interested in developing the educational process and this is real evidence that education in general is a general basic axis, and a major source for the development of these countries, if it is considered the essence of social relations between peoples to exchange ideas and experiences, teaching methods are the basic test that The

educational process is centered on it, as it needs its educational quality to teachers with high efficiency of scientific knowledge and quality in how to deliver the educational material to learners that the goal of diversity in the use of teaching methods It is to gain the educational peak for learners, the effectiveness of the educational process and improving the quality of its outputs is to raise the quality of the level of learners, which is reflected in achieving outstanding results in their performance in their fields of specialization and work. Teaching methods, teaching methods and teaching strategies used in the educational process work to deliver information to learners through the bag of teaching methods, (Hussein, yasir & Abdulazeen, T., 2022) "Education with its various methods revolves around one thing, which is to deliver the content of the educational material to learners in the way that suits them." Teaching methods in the faculties of physical education and sports sciences It has its own methodological approach because it deals with learners who will have an active role in society if they are prepared according to a special educational curriculum, as they are the basis of the future. Therefore, the teacher must deal with this segment of learners according to the methods, methods and strategies of teaching that allow them to play the roles of teachers according to standards that give them leadership and self-confidence that teaching learners the correct principles of the educational process (teaching) through teaching methods in which the teacher performs his roles in an organizational manner, whether through instructions, tone of voice, And put forward the appropriate ideas for the lesson and using appropriate methods. All of these help to create and cultivate a generation of teachers to lead the education process in the future (Murray, J., and T. Male, 2005). In the teaching profession, social competence is seen as fundamental for the following reasons: First, the essence of a teacher's work is to provide guidance in learning, which is essentially an interactive social process. Teachers need to monitor dynamics in the classroom, create social situations that support learning processes, and maintain relationships with students and their parents. Secondly: One of the tasks of teachers is to teach social skills to their students, which makes learning and teaching these skills at the same time a first-class activity and a second-rate activity in teacher education. Study problem: How important is teachers' knowledge of teaching methods for student learning, what roles have learners acquired from teachers? Objectives of the study: Preparing a special scale for the academic teacher in applied skills, identifying the role of the academic teacher in developing the applied educational skills of female students. Research hypotheses: There is a statistically significant relationship in learning applied skills (practical section) among students in the third stage.

Previous studies

A study (Jahami, 2023) University teaching methods and their role in activating the educational process. This work comes to address the ancient and modern teaching methods that have occupied the minds of everyone interested in education issues due to their great importance in the success of the educational process, and our research aims to present some of the teaching methods that the teacher can use to achieve his educational goals and enable the learner to highlight his positive role.

A study (Ahmed Ziad, 2023) included the introduction to modern research on teaching and the processes of acquiring and developing information, abilities and skills, and one of the most important tasks of teaching methods is one of the basics of the applied processes of lessons, which has witnessed a great development using the correct scientific application, especially in the learning process and the learners' proficiency in teaching methods is related to their cognitive achievement and is the important factor for achieving success for those lessons, and the research problem emerged by asking what is the relationship between the degree of

cognitive achievement with three-dimensional intelligence among students of faculties of education Physical and Sports Sciences Third Stage The researchers used the descriptive approach in the manner of mutual relations and their correlational state, they used the scale (Safa Abdul Karim) and the scale (Jinan Ghazi Sakr) for this purpose. By applying the two scales to a sample of the research community in a random way, the research sample consists of (42) female students from the third stage in the College of Physical Education and Sports Sciences for Girls - University of Baghdad, and the results were treated by statistical means (statistical bag SPSS) and the results were presented within tables and points and discussed. The study found that there is a significant correlation between three-dimensional intelligence and cognitive achievement in the material methods.

Study (Mohammed I. Suliman, 2015) Research Objective Evaluation of the University Teaching Methods and Training Course from the Trainees' Point of View To verify this, the researchers set two research objectives: Identifying the views of trainees towards the university teaching methods and training course program. Identify the differences between the opinions of trainees according to the variable (gender, specialization). The research sample consisted of (27) teaching and teaching teachers from the University of Zakho who are participants in the teaching methods course held at the aforementioned university for the academic year 2013-2014. The researchers relied on the descriptive analytical approach to describe the phenomenon as it is in reality, and the researchers prepared a questionnaire to measure this and consists of (28) paragraphs distributed over five areas (evaluation of the lecturer, scientific material, organizational field, evaluation of tests, session outcomes,(After the completion of the course period, the researchers applied the tool to the members of the research sample and collected the data and analyzed them statistically using appropriate statistical means and the statistical program SPSS, and the results showed the following: There is a difference in the views of the trainees and in favor of the course program. There is a difference between the average opinions of the trainees according to the variable (gender). There is no difference between the average opinions of the trainees according to the variable (specialization).

Study (, Jagdam yen gold; bin Qanab; Atallah, 2021) The study aimed to identify the degree of efficiency of the professor of physical education and sports in the use of modern teaching methods in light of what was stipulated in the curriculum of the second generation, the study sample consisted of 30 intermediate education professors, and relied on a list prepared by the research team consisting of a axis that includes 16 paragraphs that include familiarity and employment of modern teaching methods in the lesson of physical education and sports as well as the general organization of the lesson, and was addressed Data statistically using the arithmetic mean, standard deviation and "Ka2" test, and the results showed that the professor of physical education and sports in the average do not use modern teaching methods, and this is due to their poor efficiency in this field.

Procedures and tools

The researchers adopted the descriptive approach in the research procedures as an appropriate approach in achieving the research objectives, the community of students of the third stage for the academic year 2023-2024, consisting of (5 female people) numbering (135) female students, the research sample was randomly selected (65) female students by 48%.

Table 1: Shows the distribution of the research population, the research sample, and the .sample of preparation and application of the scale

the description	College preparation	percentage	Sample application	Percentage of application
research community	135	%100	65	%48

The researchers used the following means: a form to determine the validity of paragraphs (scale of the cognitive educational importance of the academic teacher to develop the applied skills of female students), Arab and foreign sources, data dump form, statistical means of the study). Determine (the scale of the cognitive educational importance of the academic teacher to develop the applied skills of students) by conducting a survey of previous studies, and the scale was prepared if the scale consisted of (15 paragraphs), the alternatives to answer the five-point Likert scale were (very large, large, medium, few, very few) for the scale, the scale was presented to the experts with competence to know the validity of its paragraphs and their suitability for the study and as shown in Table (2), which shows the extent to which the arbitrators agreed on the paragraphs of the scale.

Table (2) Scale of the cognitive educational importance of the academic teacher to develop the applied skills of female student

Paragra phs	It works	percentage	Does not fit	percentage	Calculated chi value	Tabular Ka value	indication
1	11	%100	0	0 %	11	3.84	moral
2	11	%100	0	0 %	11		
3	11	%100	0	0 %	11		
4	11	90.90	1	%9.1	7.36		
5	11	%100	0	0 %	11		
6	10	%100	1	%9.1	11		
7	10	90.90	1	%9.1	7.36		
8	9	81.80%	2	18.2%	4.45		
9	10	100%	1	% 9.1	7.36		

10	11	%100	0	0 %	11		
11	11	100%	0	% 0	11		
12	11	100%	0	0 %	11		
13	11	81.81%	2	%18.18	4.45		
14	9	90.90%	1	% 9.1	7.36		
15	11	100%	0	% 0	11		
16	11	100%	0	%0	11		

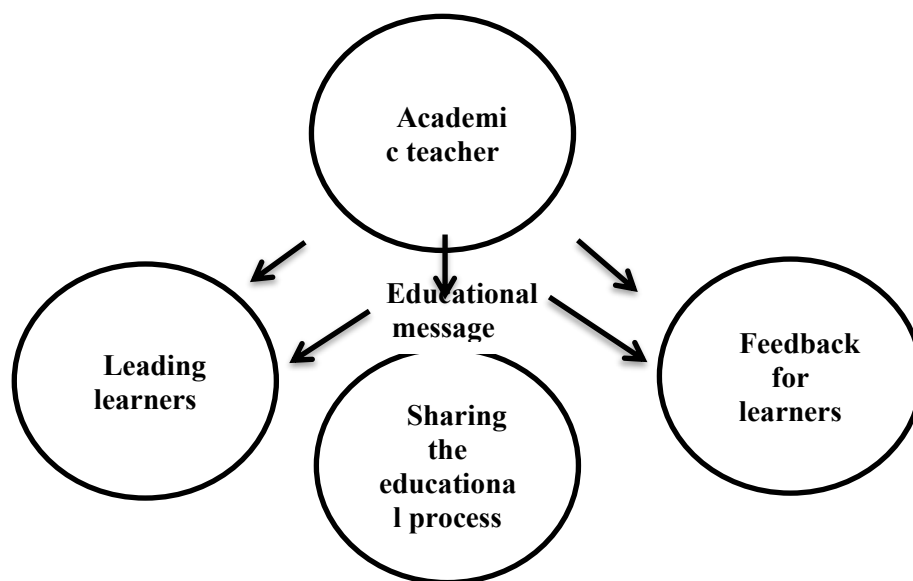


Figure 1. Clarifies the role of the academic teacher for the educational process.

Scientific foundations The educational and cognitive importance of the academic teacher to develop the applied skills of students

First: Correction of the paragraphs of the scale:

After the efficiency of the alternatives was confirmed and adopted according to the five-pointed Likert scale, which was represented by (very large, large, medium, few, very few), and because the scale is an ordinal scale, as the scale was prepared by placing the appropriate degree for each paragraph and according to the respondent's answer through the correction key, which is the tool by which the examiner reveals the answers that indicate the existence of the result that is measured, Table (3) shows that. Thus, the limits of the scale's scores were (the highest score that can be obtained is 75, and the lowest score that can be obtained is 15), while the hypothetical mean (45) Table 4 shows the hypothetical circles of the scale of the educational

and cognitive importance of the academic teacher to develop the applied skills of students of the third stage, Table 3 Weights of answer alternatives.

Answer alternatives	Very large	big	Medium	Few	Very few
The weigh	5	4	3	2	1

Table 4: The educational and cognitive importance of the academic teacher to develop the applied skills of third stage students

Description of the scale	The highest point on the scale	The lowest point on the scale	The hypothetical mean of the
The educational and cognitive importance of the academic teacher for developing applied	75	15	45

Second: the sincerity of the content (the sincerity of experts and specialists):

This type of honesty was verified through the researchers conducting a questionnaire distributed to the specialists and the researchers took the recommendations of the experts and was conducted and reformulated some paragraphs of the scale, showing the validity of the scale and special alternatives to the scale, as well as the special paragraphs and each paragraph through the value of Ka2 to be nominated for use.

Third: the stability of the tool (discriminatory ability): -

This was achieved by the researchers in identifying the extent to which each paragraph of the scale is able to discriminate, that is, each paragraph has the ability to distinguish and the high level of responses of the sample and the lower level of them, as it was identified by relying on the use of this method for a sample of statistical analysis of the scale (the educational and cognitive importance of the academic teacher to develop the applied skills of students of the third stage), represented by a sample of numbers of students of the third stage field and academic supervisors in College of Physical Education and Sports Sciences, University of Baghdad / Al-Jadriyah. Where (Adnan) stated that analytical statistics is the analysis of collected and summarized data for the purpose of reaching results that help in making special decisions about phenomena and helps researchers in the stages of testing hypotheses, verifying their veracity, predicting and reaching results Conclusions, the researchers relied within the scientific practical steps to prepare a scale (the educational and cognitive importance of the academic teacher to develop the applied skills of students of the third stage) The researchers used statistical methods in the program (SPSSV25)

Table 5: Shows the arithmetic mean and standard deviation of the upper and lower groups and the calculated value and the value of (SIG) for the scale of the educational and cognitive importance of the academic teacher to develop the applied skills of students

Paragraph number	upper limits %27		Minimum limits %27		(t) value Calculated	Value sig	Moral significance
	x	y±	x	y±			
1	1.850	0.944	1.600	0.680	1.305	0.000	Featured
2	2.700	0.571	2.850	0.875	3.537	0.000	Featured
3	3.510	0.688	2.900	0.852	2.649	0.000	Featured
4	4.2000	0.833	3.550	1.190	2.000	0.000	Featured
5	3.400	1.005	3.100	1.020	3.434	0.000	Featured
6	4.200	0.951	2.850	1.182	3.979	0.000	Featured
7	4.100	1.020	2.850	1.182	3.579	0.000	Featured
8	5.000	1.747	2.750	0.850	5.178	0.000	Featured
9	4.600	0.940	2.800	0.695	3.158	0.000	Featured
10	3.510	0.827	2.700	0.864	2.890	0.005	Featured
11	3.500	0.973	2.900	0.788	3.928	0.000	Featured
12	4.400	0.820	2.550	1.050	6.088	0.000	Featured
13	3.950	0.998	2.900	1.071	.1533	0.000	Featured
14	3.160	0.745	2.900	0.911	3.608	0.000	Featured
15	2.900	0.552	3.100	0.718	3.210	0.000	Featured

After conducting an analysis of the results of paragraphs of the scale of the educational and cognitive importance of the academic teacher to develop the applied skills of female students, the value of (T) calculated for each paragraph ranges between (305. 1 – 6.088) and was compared with the value of (SIG) at the level of significance (0.05) and the degree of freedom (80), and the results of the statistical analysis showed that the rest of all paragraphs of the scale enjoyed their ability to distinguish and have a moral significance. By calculating the alpha Cronbach stability coefficient, where the total stability coefficient was (0.852), as it is considered a high value and qualified for the purpose of the study as shown in the table below.

Table 6 shows the value of the Cronbach alpha stability coefficient for the scale

the hub	Cronbach's reliability coefficient alpha	Number of paragraphs	the sample
Scale of the educational and cognitive importance of the academic teacher to develop the applied skills of female students	0.852	15	135

Fourth: Internal consistency of the scale: -

The researchers extracted the internal consistency coefficient by relying on the value of the correlation coefficient (Pearson) between each of the degree of each paragraph and the total degree of each axis.

Table 7 shows the correlation coefficient between the score of the statement and the total score of a scale of the educational and cognitive importance of the academic teacher to develop the applied skills of students.

T	The connection of the paragraph to the axis	Value sig	indication
1	0.524*	0.00	Moral
2	0.718**	0.00	Moral
3	.603**0	.022	Moral
4	0.452	0.06	Moral
5	0.327	0.12	Moral
6	.4510	0.00	Moral
7	.5410	0.00	Moral
8	.6020	0.00	Moral
9	.372**0	.001	Moral
10	.336**0	.013	Moral
11	.428**0	0.00	Moral
12	.541*0	0.00	Moral
13	0.652*	0.00	Moral
14	0.705**	.001	Moral
15	.4060	0.00	Moral

After completing the consistency of the scale of the educational and cognitive importance of the academic teacher to develop the applied skills of students (0.005 - 0.001).

Presentation of results:-

Table 8: Arithmetic means and standard deviation of the scale of the educational and cognitive importance of the academic teacher to develop the applied skills of female students

T	Paragraphs	Arithmetic mean	standard deviation	%
1	The academic teacher explains the instructions clearly to the students.	4.642	0.497	64.3
2	The academic teacher shows exercises to students.	4.428	0.646	50
3	The academic teacher divides the physical exercises of the students.	4.642	0.497	64.3
4	The academic teacher clearly presents the material to the students.	4.714	0.726	85.7
5	The academic teacher repeats the exercises frequently for the students.	4.357	0.633	57.1
6	The academic teacher works to give feedback to the students directly.	4.500	0.650	42.9
7	The academic teacher motivates students to perform exercises.	4.642	0.363	64.3
8	The academic teacher allows the field to give the role of leadership to students.	4.857	0.363	85.7
9	Academic Teacher Academic teacher creates a suitable learning environment for female students.	4.550	0.670	42.9
10	The academic teacher exchanges the educational process with the students.	4.071	0.730	71.4
11	The academic teacher corrects the mistakes directly to the students.	4.071	0.611	64.3
12	The academic teacher is keen on positive interaction between students.	4.285	0.726	57.1
13	The academic teacher performs physical exercises in clear language.	4.500	0.759	35.7
14	The academic teacher uses instructions for the end of the class.	4.428	0.851	35.7
15	The academic teacher uses brainstorming for students during class.	4.357	0.744	50.0
16	The academic teacher explains the instructions clearly to the students.	4.571	0.646	35.7
Weighted mean		4.486		
		0.303		

Discussion

The weighted arithmetic mean of the scale of the educational and cognitive importance of the academic teacher to develop the applied skills of students (4.486) and the standard deviation (0.303) and the weighted mean of the scale is (4.571) and the standard deviation (0.169) if these arithmetic circles according to the Likert scale (very large) go to the degree of the scale of Kurt very large (5.00-4.20) The researchers attribute that the educational process carried out by the academic teacher for the subject of teaching methods, whose roles are to deliver the educational material to learners according to educational methods and methods that help learners to reach the educational scientific jewel according to what is provided by the academic teacher, that the educational knowledge acquired by the teacher during the teaching stages and the experience obtained by all these things led to the acquisition of the correct educational knowledge to provide it to learners to understand applied skills in the simplest ways and make them accessible to learners. With the best educational methods that help learners to acquire a huge amount of information, knowledge and experience from the academic teacher to employ them in the fields of their educational life (Al-Hasssi, 2011,(As the basis of the graduates of the Faculty of Physical Education and Sports Sciences in all its faculties and the subject of teaching methods, as it is considered the basis that is relied upon by learners after graduating from the college, so it must pay attention to this aspect of knowledge and education, especially (the applied side) in the third stage because it is the first step that teachers are keen to provide them with the correct educational bag through which learners are refined with educational material because it is the main outlet for them in the fourth stage as well as during application at the end of the stage The primary of the educational process for them is mentioned (Khadair, Y., 2023) in order to guide them to achieve their goals and ambitions in practicing the teaching profession and creating opportunities for them in schools, especially private schools, and as a step in integrating into the educational process that aims to prepare a generation of teachers and learners.

Conclusions and recommendations

- The researchers concluded that the educational and cognitive importance of the academic teacher to develop the applied skills of female students, is the main axis for learners, especially for third students, being the link through which what has been learned at this stage is linked and refined in the next stage of the educational process for students.
- The researchers recommend taking advantage of the academic teacher of the subject of teaching methods in the establishment of workshops and lectures for all educational levels, and emphasize the importance of teaching methods for learners because it is the jewel that is acquired during the four years of study.

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