

Professional Competencies Of Physical Education Teachers In Modern Education Systems

Yeldasheva Gulnoz Vasiljanovna

Candidate of Pedagogical Sciences, Associate Professor at the Department of "Sport Psychology, Social-Humanitarian and Natural Sciences" at Institute for Retraining and Advanced Training of Specialists in Physical Education and Sport, Uzbekistan

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Abstract: This article analyzes the professional competencies necessary for physical education (PE) teachers in modern educational systems, which are tasked with fostering academic success, promoting health, enhancing psychosocial well-being, and ensuring inclusive participation. The study employs an integrative, competency-based framework to define PE teacher competence as a multidimensional construct encompassing subject-matter expertise, pedagogical content knowledge, assessment literacy, classroom and safety management, communication and motivational abilities, ethical and inclusive practices, and the potential for reflective professional development. The methodological foundation consists of a systematic analysis and synthesis of global research and policy literature pertaining to teacher competence, high-quality physical education, and effective physical education pedagogy. The synthesis results show that modern physical education teaching competence is increasingly defined by the ability to design learning with clear outcomes, differentiate instruction for diverse learners, assess learning formatively and fairly, create safe and motivating environments, integrate health-related and lifelong physical activity goals, and use evidence-informed approaches while adapting to local curricular priorities. The article talks about how this will affect teacher training, ongoing professional development, and the conditions for support at the school level. It concludes that enhancing the competencies of physical education teachers necessitates coherent standards, practice-oriented preparation, mentoring, and assessment systems that are in accordance with current educational and public health standards.

Keywords: Physical education teachers, professional competence, pedagogical content knowledge, assessment literacy, inclusive education, health promotion, professional development.

Introduction: Physical education has a unique place in modern schools because it combines learning, health, and social goals through structured physical activity and embodied learning. In numerous nations, physical education curricula are anticipated to cultivate motor skills, physical literacy, health-related knowledge, self-regulation, teamwork, and positive values, while enhancing students' overall well-being and engagement in school. At the same time, modern education systems are putting more and more emphasis on learning based on skills, schools that are open to everyone, measurable learning outcomes, and safe places to learn. These changes make PE teachers' jobs harder. They have to do more than just teach sports techniques; they also have to create meaningful learning experiences, keep track of students' progress,

manage safety risks, and motivate students with different backgrounds, abilities, and attitudes toward physical activity.

The inquiry into the definition of professional competence has emerged as a pivotal issue in teacher education and educational reform. In the realm of teacher education research, competence is frequently regarded as an amalgamation of knowledge, skills, and dispositions that facilitate effective teaching in authentic contexts. In PE, competence means having knowledge about the subject, using teaching methods that encourage active learning, and being able to make good decisions in changing situations like gyms, fields, and outdoor spaces. The fact that PE classes involve moving around, interacting with others, and the chance of getting hurt makes management and safety skills

even more important. Also, social changes like more sedentary lifestyles, more time spent on screens, and worries about mental health have raised the bar for PE teachers as people who help with public health and students' life skills.

Even though everyone agrees that good physical education teachers are important for good physical education, different education systems have different ways of defining, developing, and judging PE teacher competencies. Some people put more weight on sports performance and coaching knowledge, while others put more weight on physical literacy, inclusive practice, and health education. There are also differences between teacher preparation programs in how much theory and practice they include, how good their mentoring is, and how well they follow national standards. These differences can cause gaps between what policies say should happen and what actually happens in the classroom, especially when PE is not a high priority for schools or when there aren't enough facilities or time for it.

This article examines the professional competencies of physical education teachers within contemporary educational systems and suggests a cohesive framework for their comprehension. The goals are to define the key competence areas that are important for modern PE, to show how these competencies show up in teaching and learning, and to talk about what this means for teacher training and professional development. The article utilizes an evidence-based methodology rooted in global research concerning teacher competence, physical education pedagogy, and high-quality physical education.

The study is predicated on an integrative review and conceptual synthesis of research and policy literature pertinent to physical education teacher competencies. The materials consist of seminal texts regarding teacher knowledge and competence, both international and national documents pertaining to quality physical education and health-promoting schools, as well as empirical research on effective physical education instruction, student motivation, assessment methodologies, and inclusive pedagogy. Three things helped us choose the sources. First, the source had to talk about teacher competence or quality teaching that was directly related to PE or competency-based instruction. Second, it had to add to our understanding of teaching practices that are related to learning outcomes, participation, safety, or well-being. Third, it had to be well-known and well-supported enough to support a stable synthesis that could be used in different situations.

The analysis was done in three parts. The first step was

to pull out constructs from the literature that were related to competence. This included definitions of professional competence, pedagogical content knowledge, classroom management, assessment literacy, inclusion, and reflective practice. In the second stage, these ideas were mapped onto PE-specific teaching tasks like designing lessons for active learning, developing movement skills, motivating and engaging students, managing safety and risk, and assessing practical performance and learning. The third stage consisted of amalgamating the mapped constructs into a cohesive competence framework and analyzing the ramifications for teacher education and professional development. The article's aim is conceptual and analytical rather than experimental; thus, the results are offered as a structured discourse underpinned by the reviewed literature, emphasizing convergent findings and practical implications.

The synthesis shows that the best way to understand the professional competence of PE teachers in modern education systems is as a multidimensional and context-sensitive idea. Competence encompasses not only the knowledge possessed by teachers but also the application of that knowledge through professional judgment within the constraints of a real classroom environment. In PE, this enactment takes place in settings characterized by high interactivity, time constraints, diverse student skill levels, and ongoing safety considerations. As a result, competence develops through the combination of knowledge from different fields, teaching skills, the ability to assess students, management and safety practices, interpersonal skills, ethical attitudes, and ongoing professional development.

Subject-matter and curriculum competence is a key area. PE teachers need to know a lot about how people move, how to learn new motor skills, how to stay healthy, and how sports and activities are set up. But modern curricula are putting more and more emphasis on physical literacy and lifelong engagement instead of just getting good grades. This change alters the practical implications of subject-matter competence. Teachers need to know how to plan lessons that build on basic skills that can be used in many different activities. They also need to know how to help students improve their motor skills over time. They also need to be able to read the curriculum, which means they need to be able to understand standards, set learning goals, and make sure that instruction and assessment are in line with each other. In systems transitioning to competency-based education, educators must delineate the criteria for proficiency in movement skills, collaboration, self-regulation, and health-related knowledge, and they must convey these expectations

clearly to students.

Pedagogical content knowledge is repeatedly emphasized as the skill that sets expert teaching apart from just knowing a lot about a subject. In physical education, pedagogical content knowledge includes knowing how to teach students motor skills, how to show them movement concepts, how to give feedback that helps them do better, and how to set up practice so that they get the most out of their time. To teach PE well, you need to choose tasks that are appropriate for the student's age and level of development, change things like space, equipment, and rules as needed, and use teaching methods that balance skill building with meaningful participation. Teachers also need to keep track of cognitive and motivational demands. This means making sure that lessons are clear and that students face challenges that they can handle. The literature examined corroborates the perspective that high-quality physical education is defined by explicit learning objectives, organized practice opportunities, constructive feedback, and classroom environments that promote diligence and perseverance.

Assessment literacy is a key area of competence in today's frameworks for accountability and learning outcomes. In PE, assessment can be hard because learning includes practical skills, tactical understanding, and social and emotional outcomes like teamwork and responsibility. Teachers need to be able to make valid standards, use formative assessment to help students learn, and make sure that all students are treated fairly, regardless of their skill level. Modern education systems are putting more and more pressure on tests to be fair and in line with standards. However, PE tests have historically been inconsistent or too focused on participation. The synthesis indicates that proficient PE teachers utilize assessment not solely for grading, but as an educational instrument, offering feedback that facilitates enhancement and engaging students in self-evaluation and goal establishment. They also learn how to use different types of assessments, such as observation-based rubrics, skill checklists, performance tasks, and reflective components when they are needed. Ethics and assessment competence are closely related because grading in PE can affect how students feel about themselves and how they feel about physical activity in the long run.

Another area is learning environment competence, which includes things like safety, management, and inclusion. Compared to many other subjects, PE lessons are more likely to lead to injuries because they involve movement and equipment. Good teachers make sure that their students are always busy while keeping things in order, making sure that they use space and equipment safely, and being ready for problems. Safety

competence encompasses knowledge of injury prevention and fundamental first aid, as well as proactive management techniques, including suitable warm-ups, task selection aligned with students' skill levels, and effective supervision strategies. At the same time, inclusive competence has become a key goal in today's schools. Teachers need to be ready to change assignments for students who have disabilities, health problems, or low self-esteem. They also need to make sure that the classroom is a safe place where bullying and stigma are not tolerated. Modification alone does not lead to inclusion in PE; it necessitates values-based practice that normalizes diversity and guarantees equitable participation and respect. The synthesis shows that safety and inclusion go hand in hand because safe spaces make people less likely to act in ways that are dangerous because of peer pressure or fear of failure.

Communication and motivational competence represent a significant domain, especially among adolescents, where motivation for physical education can fluctuate considerably. PE teachers need to be able to give clear instructions in active settings, give feedback that doesn't make students feel bad, and build relationships that keep students interested. Perceived competence, autonomy, social belonging, and relevance all have an effect on how motivated people are in PE. Teachers who know what they're doing use task design and interpersonal strategies to create these conditions. For example, they give students meaningful choices, set achievable goals, praise their efforts, and focus on personal growth instead of comparing themselves to others. The evidence indicates that favorable motivational environments enhance participation and diminish avoidance behaviors, which is essential for physical education to promote lifelong physical activity.

Professional and ethical competence is also very important. Teachers are expected to follow ethical standards, keep children safe, and keep professional boundaries in modern schools. In PE, ethical issues include treating everyone fairly, being aware of gender issues, worrying about body image, and privacy while changing and taking fitness tests. Teachers also have to deal with cultural rules about how to dress, how to interact with people of the opposite sex, and how to touch people. So, culturally responsive teaching and careful communication with families and school leaders are both parts of competent practice. Ethical competence is part of a bigger professional identity for PE teachers. They are not just teachers; they are also responsible for their students' health and personal growth.

Lastly, reflective and developmental competence is

important because the needs of students, the conditions of the classroom, and the curriculum change over time. Good PE teachers think about what they do, look at how well their lessons worked, use student data to change how they teach, and look for ways to improve their skills. Modern systems are putting more and more emphasis on evidence-based practice, which means that teachers need to be able to read research and use it correctly in their own classrooms. This does not mean following outside models exactly; instead, it means using professional judgment to change methods based on the resources, class makeup, and cultural norms that are available. Teachers can become more competent more quickly when they work together to plan lessons, watch each other teach, and share assessment practices in professional learning communities and mentoring programs.

The synthesis suggests a comprehensive competence profile where each domain supports the others. If you know a lot about a subject but not how to teach it, you might end up with lessons that are technically correct but not very helpful. Assessment literacy devoid of motivational competence may yield precise grading yet diminished engagement. Safety competence without inclusion may protect students physically while leaving out the ones who need supportive environments the most. So, modern PE teachers need to be able to combine different skills instead of just having one or two. This is only possible with good teacher training and good working conditions.

There are big effects on teacher training. The initial preparation must furnish a profound disciplinary foundation and a clear enhancement of pedagogical content knowledge via practice-intensive experiences. Programs that don't connect theory with practice run the risk of turning out graduates who can talk about teaching principles but can't put them into practice in real life. Field experiences should be organized with mentoring that focuses on learning outcomes, assessment, inclusion, and safety, not just on keeping order in the classroom. In the same way, in-service training should go beyond short workshops and focus on long-term learning that builds on specific skills, like creating a motivating environment, designing tasks that are accessible to all students, and using standards-based assessment. School leaders also have a part to play by recognizing PE as a part of the school's overall goals for health and well-being and making sure that the right resources, facilities, and schedules are in place.

This article has examined the professional competencies necessary for physical education teachers in contemporary educational systems, demonstrating that competence is multidimensional,

integrative, and significantly influenced by current educational and health-related expectations. Competent PE teachers possess disciplinary and curriculum knowledge that aligns with physical literacy and lifelong activity objectives, pedagogical content knowledge that fosters skill development and meaningful engagement, assessment literacy that facilitates valid and formative evaluation, and management competence that guarantees safe and inclusive learning environments. They also use their communication and motivational skills to get a wide range of students involved, follow ethical and culturally responsive practices, and keep growing as professionals by thinking about their work and making decisions based on evidence.

To make PE teachers more skilled, standards, teacher education programs, school support systems, and professional development systems all need to be in sync. When competencies are developed in a coherent manner and supported by institutions, physical education can fulfill its contemporary role as a domain that enhances students' physical, social, and personal development while aligning with broader educational and public health objectives.

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