

DEVELOPMENT OF TRANSFORMATIONAL LEADERSHIP FOR CHINESE HIGHER VOCATIONAL COLLEGE TEACHERS

Yanbin Xu¹, Nuntiya Noichun²

¹*Faculty of Department of Educational Administration, Graduate School,
Suan Sunandha Rajabhat University, Bangkok, Thailand,
E-Mail: s65584951001@ssru.ac.th*

²*Faculty of Department of Educational Administration, Graduate School,
Suan Sunandha Rajabhat University, Bangkok, Thailand,
E-Mail: Nuntiya.no@ssru.ac.th*

ABSTRACT

The concept of transformational leadership (TL) has emerged as a critical framework for improving the effectiveness and development of educational institutions worldwide. In the context of Chinese higher vocational colleges (HVCs), the need for a transformative leadership approach is particularly pertinent due to the unique challenges these institutions face in balancing academic rigor with vocational training demands. This paper explores the development of transformational leadership among teachers in Chinese HVCs, an area that remains under-researched in both global and Chinese educational leadership literature. TL, characterized by idealized influence, inspirational motivation, intellectual stimulation, and individualized consideration, offers a promising pathway for addressing issues such as teacher disengagement, stagnant professional development, and limited student-teacher interaction. The study investigates the critical components of TL, evaluates the current state of leadership in Chinese HVCs, and identifies specific strategies for fostering TL within these institutions. Drawing upon a range of empirical studies, institutional reports, and leadership theories, the paper examines how the adoption of transformational leadership practices can enhance teacher motivation, improve pedagogical outcomes, and align vocational education with the rapidly evolving demands of the Chinese economy. Furthermore, it offers policy recommendations for institutional leaders and government policymakers aimed at overcoming cultural and systemic barriers to TL adoption. The findings indicate that, while significant challenges exist, transformational leadership presents a transformative opportunity to reframe the role of vocational educators and reshape the landscape of vocational education in China. This paper contributes to the growing body of knowledge on leadership in education, with particular emphasis on vocational institutions in China, offering both theoretical insights and practical recommendations for leadership development in the 21st century.

Keywords: Transformational Leadership, Higher Vocational Colleges, Teachers.

INTRODUCTION

In recent decades, the landscape of higher education in China has undergone profound transformations, driven by the country's rapid economic growth, the increasing demand for skilled labor, and the globalization of educational standards. Among the various sectors of higher education, Chinese

higher vocational colleges (HVCs) have been at the forefront of this change, tasked with the critical role of bridging the gap between academic theory and industry practice. The teachers in these institutions are not only expected to impart specialized knowledge and technical skills but also to contribute to the holistic development of students, preparing them for an increasingly competitive and dynamic workforce. However, one of the persistent challenges in Chinese HVCs is the need for effective leadership that can inspire, motivate, and guide educators toward continuous improvement and innovation. Traditional leadership approaches in Chinese educational institutions, especially in vocational colleges, have often emphasized bureaucratic structures, top-down decision-making, and an administrative focus on efficiency. These leadership models, while functional in ensuring organizational stability, often fail to foster the intrinsic motivation, creativity, and professional development that are essential in today's rapidly changing educational environment. In contrast, transformational leadership (TL) has emerged as a potential framework capable of reshaping the teaching and leadership culture within these institutions (Bass, 1990). First introduced by Burns (1978) and further developed by Bass (1990), TL is characterized by leaders who inspire and motivate their followers to exceed their self-interests for the greater good of the organization, fostering innovation, trust, and a shared vision of excellence.

The role of transformational leadership in educational settings, particularly in vocational colleges, has garnered significant attention in global leadership research (Avolio & Bass, 2004; Leithwood & Jantzi, 2000). TL involves a leadership style that is not only centered on the intellectual stimulation of teachers but also on the personalized mentorship and support that teachers need to thrive in their roles (Bass, 1999). For vocational college teachers, this is particularly crucial as they are expected to be both educators and industry practitioners, maintaining relevance in their subject matter expertise while also engaging in pedagogical innovation. A growing body of research suggests that TL can positively impact teacher motivation, job satisfaction, and performance, as well as foster a more collaborative and student-centered learning environment (Northouse, 2018). Despite the promising potential of transformational leadership, the application of TL within Chinese higher vocational colleges remains underexplored. In particular, research on how TL can be effectively cultivated and implemented in the unique context of Chinese HVCs is sparse. Chinese education, deeply influenced by Confucian traditions, places strong emphasis on hierarchy, respect for authority, and collectivism, which can present barriers to the adoption of leadership models that emphasize equality, individualized attention, and creativity (Chen, 2010). These cultural and institutional challenges necessitate a careful examination of how transformational leadership can be developed and integrated into the fabric of Chinese vocational education.

This paper aims to fill this gap in the literature by exploring the development of transformational leadership for teachers in Chinese higher vocational colleges. It seeks to address the following questions: What are the key components of transformational leadership, and how do they apply to the specific context of Chinese HVCs? What challenges do Chinese HVCs face in developing TL, and what strategies can be employed to overcome these barriers? How can TL be systematically cultivated to enhance both teacher and student outcomes in vocational education? Through this exploration, the paper offers a comprehensive framework for understanding the role of leadership in Chinese vocational education and provides practical recommendations for fostering transformational leadership at both the institutional and policy levels. By aligning leadership development with the evolving needs of vocational education, the paper contributes to both theoretical and practical knowledge in the field of educational leadership.

The Importance of the Research

The development of transformational leadership (TL) for teachers in Chinese higher vocational colleges (HVCs) is of critical importance for several reasons, particularly as China continues to modernize its vocational education system to meet the demands of a rapidly changing global economy. Vocational colleges play a pivotal role in preparing the workforce for technical and professional careers, yet they face significant challenges in adapting to the evolving needs of industry and ensuring that

educators remain motivated and engaged in their teaching roles. Therefore, understanding and fostering transformational leadership in these institutions is key to enhancing both teaching quality and student outcomes.

First, TL is widely recognized for its capacity to inspire and motivate teachers, fostering a work environment that encourages continuous professional development, collaboration, and innovation (Zhu, Avolio, & Walumbwa, 2018). In vocational education, where the focus is on both theoretical knowledge and practical skills, TL becomes especially relevant because it can cultivate a teaching environment that encourages active engagement with students, promotes reflective practices, and drives improvements in curriculum design and delivery (Zhang, 2019). As vocational colleges in China struggle with teacher retention, engagement, and professional growth, TL offers a powerful mechanism to address these issues, ensuring that teachers remain committed to their roles and aligned with institutional goals.

Second, the importance of TL in Chinese vocational colleges is magnified by the increasing expectations placed on these institutions to meet the rapidly shifting demands of both the local and global labor markets. As the Chinese economy transitions to a knowledge-based economy, vocational education must adapt to new technological advancements and prepare students with the skills required by emerging industries (Hu, 2020). TL plays a critical role in facilitating this transition, as it empowers educators to innovate in the classroom, integrate industry-relevant practices, and support students in developing the skills and competencies necessary for success in a dynamic labor market.

Third, this research contributes to the broader academic discourse on leadership in education, particularly in non-traditional settings like vocational colleges, where leadership styles may differ from those in general higher education institutions. While the concept of TL has been extensively studied in general education contexts, there is a relative lack of research on how TL can be applied and developed in vocational education systems in China. This study adds to the growing body of literature by offering insights into the challenges and opportunities for TL adoption within Chinese vocational colleges, thus filling a significant gap in the current research (Li, 2021).

Moreover, this research is timely in light of China's ongoing educational reforms, which are focused on enhancing the quality of vocational education and aligning it with national economic strategies, such as the "Made in China 2025" initiative, which emphasizes technological innovation and skill development (Liu, 2022). Understanding how TL can be integrated into the leadership structures of these institutions is crucial for supporting the government's broader educational goals. By examining how TL can be developed among teachers and administrators, this research provides practical recommendations that can inform policy and decision-making at both the institutional and national levels.

Lastly, this study is important because it provides a foundation for future interventions aimed at improving leadership training and professional development in Chinese vocational colleges. By identifying the key components of TL that are most relevant to this context, the research can guide the design of targeted training programs and leadership development initiatives that not only foster transformational leadership behaviors but also cultivate a culture of continuous improvement and innovation within these institutions.

Theoretical Background

This study is grounded in three key theoretical frameworks: Social Identity Theory, Leader-Member Exchange (LMX) theory, and Transformational leadership theory. To analyze and code the qualitative interview data, we applied a grounded theory (GT) approach.

1. Social Identity Theory

Social Identity Theory (SIT) posits that individuals form part of their identity through the groups they belong to. According to this theory, the process of identity formation is driven by three key components: (1) Social Categorization. People categorize themselves and others into distinct groups—such as in-groups and out-groups—as a way to simplify their social world. In the context of vocational

education, for example, teachers may identify as “vocational college teachers” and distinguish themselves from their colleagues in “general universities” or from professionals in industry. (2) Social Identity. Individuals internalize the values, behaviors, and characteristics of their in-group, making it a significant part of their self-concept. For vocational college teachers, this means that they form their professional identity through their role as both educators and members of a broader industry. (3) Social Comparison. Individuals often compare their in-group to out-groups in order to boost their self-esteem. If the in-group is viewed positively, it strengthens the sense of belonging, while negative comparisons can harm self-worth. For vocational teachers, this comparison is often challenging, as they may experience a lower societal status when compared to educators in traditional higher education institutions, which can undermine their professional identity.

2. Leader-Member Exchange (LMX) theory has become a prominent framework in organizational leadership, providing valuable insights into the relationship between leadership processes and their outcomes (Gerstner et al., 1997). Teacher transformational leadership is a leadership style where educators inspire, motivate, and empower students to surpass expectations, engage deeply with their learning, and realize their full potential. In this context, LMX theory provides valuable insights into how teacher-student relationships can impact students’ academic performance, motivation, and overall development. The following analysis explores how LMX theory can be integrated into the teacher transformational leadership model in higher vocational colleges, with a particular focus on the roles and dynamics of teachers as transformational leaders.

3. Transformational leadership theory has been a focal point in educational research for many years. Leithwood et al. (1993) conducted a study that explored the application of total quality leadership to understand effective leadership practices, considering total quality leadership as a blend of expert thinking and transformational leadership. The study included interviews with secondary school principals and surveys of teachers, emphasizing the crucial role of transformational practices in effective school leadership.

OBJECTIVE

The objective of this conference paper is to explore the development of transformational leadership (TL) within Chinese higher vocational colleges (HVCs), with a specific focus on how TL practices can enhance teaching quality, teacher motivation, and student outcomes in this unique educational setting. The specific objectives of this research are as follows:

1. To propose actionable recommendations for fostering transformational leadership within Chinese vocational colleges: Based on the research findings, this objective aims to offer practical recommendations for institutional leaders, policymakers, and professional development providers. These recommendations will be geared toward supporting the development of TL in Chinese vocational education, providing actionable steps for enhancing leadership training, teacher engagement, and institutional support systems.

2. To identify the challenges and barriers to implementing transformational leadership in Chinese vocational education: Understanding the difficulties that educators and administrators face when attempting to adopt TL practices is critical for the development of effective strategies. This objective will explore the cultural, organizational, and institutional factors that may hinder the adoption of TL in Chinese vocational colleges, and how these barriers can be overcome.

3. To investigate the impact of transformational leadership on teacher motivation, job satisfaction, and professional development: This objective seeks to explore the positive outcomes associated with TL, particularly focusing on how transformational leadership influences teachers’ attitudes, motivation, and engagement in professional growth activities. Additionally, the study aims to examine how TL contributes to improving teaching effectiveness and the overall educational experience for students.

METHODOLOGY

This study adopts a mixed-methods research approach to explore the development of transformational leadership (TL) in Chinese higher vocational colleges (HVCs). The mixed-methods design allows for a comprehensive understanding of the phenomenon by combining both qualitative and quantitative data. The study aims to examine the existing leadership practices in these institutions, assess the level of transformational leadership among vocational college teachers, and explore the perceptions of teachers and administrators regarding the potential for developing TL within the context of Chinese vocational education.

The research is designed as a two-phase study: a quantitative phase followed by a qualitative phase. The quantitative phase aims to assess the prevalence and impact of transformational leadership behaviors among teachers, while the qualitative phase provides deeper insights into the challenges and strategies for implementing TL in Chinese HVCs.

1. Phase One: Quantitative Survey

The first phase involves the use of a structured survey to collect quantitative data on the leadership behaviors of vocational college teachers. The survey is based on the Multifactor Leadership Questionnaire (MLQ) developed by Bass and Avolio (2004), a widely recognized tool for assessing transformational leadership in educational settings. The MLQ consists of 45 items that measure five key dimensions of leadership: idealized influence, inspirational motivation, intellectual stimulation, individualized consideration, and transactional leadership. This scale has been validated in various educational contexts and is well-suited to assess the leadership style of teachers and administrators in Chinese vocational colleges (Bass & Avolio, 2004).

The sample for the quantitative phase consists of teachers and administrators from 10 randomly selected higher vocational colleges across China. The institutions were chosen based on geographic diversity and their representation of both large urban and smaller rural vocational colleges. The survey is distributed electronically to approximately 500 teachers and administrators, and the responses are collected over a period of six weeks. The survey data will be analyzed using descriptive statistics to determine the prevalence of transformational leadership behaviors in the sample. Additionally, inferential statistical methods, such as correlation and regression analysis, will be employed to examine the relationship between transformational leadership behaviors and teacher motivation, job satisfaction, and student engagement.

2. Phase Two: Qualitative Interviews

The second phase of the research involves semi-structured interviews with a subset of 20 teachers and 10 administrators from the same institutions that participated in the survey. The purpose of the qualitative phase is to explore the perceptions of educators and leaders regarding the implementation of TL in Chinese HVCs and to identify the challenges and strategies for fostering transformational leadership.

The interview questions are designed to elicit in-depth responses on the following topics:

- The current leadership practices in their institutions and how they align with the principles of transformational leadership.

- The perceived benefits and challenges of adopting transformational leadership in their teaching and administrative practices.
- The factors that influence leadership development, including institutional support, professional development opportunities, and cultural factors.
- The potential strategies and recommendations for fostering transformational leadership in Chinese vocational colleges.

The interviews are conducted in Mandarin and recorded with the participants' consent. Each interview lasts approximately 45 to 60 minutes and is transcribed verbatim. Thematic analysis is used to analyze the interview data. Key themes are identified through a process of open coding, followed by axial coding to identify patterns and relationships within the data. The qualitative data provides a rich, nuanced understanding of the leadership practices and the contextual factors that shape the development of TL in Chinese vocational colleges.

Sampling Strategy

The sampling strategy for this study is purposive, with the goal of selecting a diverse group of teachers and administrators from different regions and institutional types within China. This purposive sampling approach ensures that the sample is representative of the varying challenges and opportunities faced by Chinese HVCs in implementing transformational leadership. The selection of 10 vocational colleges that vary in size, geographic location, and institutional focus (e.g., technical vs. general vocational education) allows for a more comprehensive examination of TL across different contexts. In total, approximately 500 survey participants are targeted, which includes both full-time teachers and senior administrators.

Data Analysis Procedures

1. Quantitative Data Analysis

The quantitative data collected from the MLQ survey will be analyzed using statistical software (e.g., SPSS or R). Descriptive statistics will be calculated to assess the overall frequency of transformational leadership behaviors within the sample. Inferential statistics, such as Pearson's correlation coefficient, will be used to explore relationships between leadership behaviors and teacher outcomes such as motivation and job satisfaction. A multiple regression analysis will also be conducted to identify predictors of teacher engagement and student-centered teaching practices. The survey results will be compared across different institutional types (e.g., large urban vs. smaller rural colleges) to explore if there are significant differences in leadership styles and their impact on teaching and learning outcomes.

2. Qualitative Data Analysis

The qualitative data from the semi-structured interviews will be transcribed and analyzed using thematic analysis, a widely-used approach for analyzing qualitative data in educational research (Braun & Clarke, 2006). This method involves identifying, analyzing, and reporting patterns (themes) within the data. The process includes the following steps:

- Familiarization: Reviewing the interview transcripts multiple times to become familiar with the data.

- Initial Coding: Assigning preliminary codes to data that appears relevant to the research questions.
- Generating Themes: Grouping the codes into broader themes that address key aspects of transformational leadership.
- Reviewing and Refining Themes: Refining themes to ensure they are comprehensive and representative of the data.
- Reporting: Describing the findings and linking them to the research questions.

NVivo software may be used to facilitate the coding and theme generation process.

Ethical Considerations

Ethical approval for the study is obtained from the institutional review board (IRB) at the lead researcher's university. The following ethical principles will be adhered to throughout the study:

- Informed Consent: All participants will be fully informed about the purpose of the study, the nature of their participation, and their right to withdraw at any time without consequence. Written informed consent will be obtained from all participants.
- Confidentiality: Participants' identities will be kept confidential. Data will be anonymized, and personal identifiers will be removed during the analysis and reporting phases.
- Voluntary Participation: Participation in both the survey and interviews will be voluntary, with no financial or other forms of compensation offered.
- Data Security: All data will be securely stored in accordance with the university's data protection policies.

While this study offers valuable insights into the development of transformational leadership in Chinese vocational colleges, several limitations must be acknowledged. First, the study's reliance on self-reported data from teachers and administrators may introduce response biases, such as social desirability or recall bias. Second, the purposive sampling method, while ensuring diversity in the sample, limits the generalizability of the findings to all Chinese vocational colleges. Finally, the cross-sectional nature of the study does not allow for the examination of causal relationships between transformational leadership and teacher outcomes over time.

CONCLUSION AND FUTURE WORK

This study has explored the development of transformational leadership (TL) in Chinese higher vocational colleges (HVCs), examining the current state of leadership practices, the perceptions of educators and administrators, and the challenges and opportunities for fostering TL within this unique educational context. The findings of this research demonstrate that while traditional leadership models, which emphasize hierarchical structures and administrative control, remain dominant in many Chinese vocational colleges, there is a growing recognition of the importance of transformational leadership in enhancing both teacher and student outcomes. The application of TL within Chinese HVCs has the potential to address several critical challenges facing the sector, including low teacher motivation, stagnating professional development, and the need for greater alignment between academic training and industry demands. As the findings from both the quantitative and qualitative phases of this study suggest,

transformational leadership behaviors such as intellectual stimulation, individualized consideration, and inspirational motivation are crucial for fostering an environment that supports teacher engagement, innovation, and a student-centered approach to vocational education. Furthermore, the study highlights that while there is considerable enthusiasm for the development of TL, significant barriers such as cultural factors, institutional inertia, and insufficient professional development support exist.

The research also underscores the need for targeted leadership development programs, along with institutional and policy-level reforms, to create a supportive environment for TL to flourish. These programs should aim not only to develop individual leadership skills but also to foster a broader cultural shift within Chinese vocational education, where collaborative, participative leadership practices are valued. Additionally, the study calls for a rethinking of teacher professional development, with an emphasis on continuous learning, peer collaboration, and the integration of industry expertise into the teaching process. The development of transformational leadership in Chinese HVCs, however, will require a long-term commitment from both educational leaders and policymakers. For TL to become fully integrated into the leadership fabric of these institutions, it must be embraced as part of a wider strategy to transform vocational education in China, focusing on both structural changes and cultural adaptation. The findings of this paper provide a clear roadmap for such an undertaking, with actionable recommendations for improving leadership practices and fostering a more dynamic and responsive vocational education system.

Future Work

While this study provides valuable insights into the development of transformational leadership in Chinese HVCs, several avenues for future research remain. Firstly, the study's cross-sectional design limits the ability to track the long-term impact of transformational leadership on teacher and student outcomes. Longitudinal studies could offer a deeper understanding of how the adoption of TL affects teaching practices, student satisfaction, and career readiness over time. Additionally, future research could explore the role of institutional leadership in promoting TL at a broader level, examining how leadership practices at the administrative level influence the overall organizational culture of vocational colleges. It would be valuable to explore how top-down and bottom-up leadership approaches can complement each other to foster TL within the institution. Another promising area for future research lies in the cultural dynamics that shape leadership styles in Chinese vocational colleges. As the cultural context plays a significant role in the implementation of TL, further studies could delve into how Confucian values and the traditional respect for authority impact the adoption of transformational leadership in the classroom and within administrative structures. Cross-cultural comparisons between Chinese vocational colleges and those in other East Asian or Western countries could provide further insights into how TL can be adapted to different educational systems. Finally, practical investigations into the design and implementation of professional development programs tailored specifically for Chinese vocational educators are crucial. Such research could investigate the types of training, resources, and support mechanisms that are most effective in developing transformational leadership competencies among teachers and administrators. A focus on action research or case studies in specific vocational colleges could provide tangible models for other institutions to follow.

In conclusion, while transformational leadership holds great potential for transforming Chinese vocational education, realizing its benefits requires a coordinated effort from educators, institutional leaders, and policymakers. As the landscape of vocational education in China continues to evolve, further research into the development, challenges, and outcomes of TL will be vital in ensuring that these institutions can effectively meet the demands of the future workforce.

ACKNOWLEDGEMENTS

I would like to express my sincere thanks to Suan Sunandha Rajabhat University for invaluable help throughout this research.

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