

Research on the Talent Training Mode Collaborative Innovation of Interior Design Professionals in Architectural Decoration Industry

Qiang Shi^{1,a,*}, Xiuzi Chen^{1,b}, Weiwei Qin^{1,c}, Yuhan Ding^{1,d}

¹College of Art, Shanwei Institute of Technology, Shanwei, Guangdong, China

^a1014796938@qq.com, ^b115579011@qq.com, ^c8233348@qq.com, ^dyuhanding826@163.com

*Corresponding author

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Abstract: This paper aims at improving the quality of talent training, focuses on the construction of practical training base, teacher team and teaching resource base, and explores the training mode, methods and practice of upgrading interior design professionals in the architectural decoration industry. The cooperation between school and enterprise will be comprehensively deepened, the deep sharing of resources among all parties will be realized, through the deep integration of industry and education. The "resource sharing" mechanism with regional industrial collaborative innovation and development will be formed, and the training quality of interior design professionals will be improved. This paper puts forward to build "power industry innovation and development, service regional economic development" of professional group construction principle, across professional technology research and development projects as the carrier of professional development, through the teaching depth fusion, comprehensively deepen colleges cooperation, realize the resource sharing, the formation of professional group and regional industrial economy collaborative innovation development of "production fusion, resource sharing" mechanism, improve professional group and regional industrial transformation and upgrading of collaborative innovation development ability.

1. Shanwei Building Decoration Enterprise Development and Related Talent Demand Analysis

Shanwei Lu He—"the hometown of Chinese architectural decoration", have brand advantage and building decoration materials market prospects, in interior decoration, curtain wall, furniture, high-end hardware sanitary ware, soft outfit industry. Lu He is focusing on perfecting the modular building, prefabricated buildings, intelligent household hardware, wisdom city hardware of construction industry transformation and upgrading. Lu He have been committing to building Chinese building decoration materials industry city at the same time.

There are more than 200 architectural decoration enterprises founded by LuHe people, and more than 20 of them have been rated as "National Top 100 Building Decoration Enterprises",19

decoration companies have won the title of "China Contract and Trust Enterprise"; more than 30 projects have won "Luban Award" or "National Excellent Award". Local characteristic industries have obvious cluster advantages and a good industrial foundation, but in the period of industrial transformation and upgrading. The talent demand is still in a "double shortage" situation, that is, it is difficult to recruit suitable candidates for professional skills and front-line senior management positions.

The cross-border scope of related enterprises is constantly expanding, with the deepening of the transformation and upgrading of the building decoration industry. The mutual penetration of industries makes enterprises in urgent need for compound talents to master interdisciplinary knowledge and technology. The training of high-end skilled talents to adapt to the industrial transformation and upgrading has become a top priority. Therefore, the construction of interior design majors in higher vocational colleges should aim at the training of cross-professional technical talents in the process of industrial transformation and upgrading. The talent training can meet the practical needs of regional suitable talents for industrial development.

This paper analyzes the demand of regional industries for higher vocational education and the upgrading situation of higher vocational education. And on this basis, actively summarizes and discusses the high-level professional group construction collaborative innovation regional industrial upgrading and development strategy. Teachers and students of higher vocational colleges through the extensive investigation of the building decoration industry and enterprises. This paper discusses how the professional structure, professional scale and professional quality connect with the industrial structure, industrial scale and the industrial demand for talent quality. Focusing on the mechanism strategy, scale strategy, and quality strategy. It has strong practical significance for the training and transportation of talents needed for regional industrial transformation and upgrading and development.

2. Analysis of the Current Situation of Interior Design Professional Talent Training

Regional characteristic industries have obvious cluster advantages and good industrial foundation, but in the period of industrial transformation and upgrading. The talent demand is still in a "double shortage" situation, that is, it is difficult to recruit suitable candidates for professional skills and front-line senior management positions^[1]. In terms of employment types, the phenomenon of "shortage of people and middle expansion" is quite obvious. The training of high-end skilled talents adapted to adapt to the industrial transformation and upgrading has become an urgent matter^[2].

Facing the development of regional industrial economy, the training of high-end composite skilled talents, and the collaborative innovation and development of industrial transformation and upgrading are one of the main tasks of higher vocational education. The primary task of running higher vocational colleges. Industrial transformation and upgrading is the only way for the development of traditional industries and regional social economy^[3].

With the continuous transformation and upgrading of Shanwei building decoration industry to information and intelligence, the emerging positions require employees to have different professional skills and knowledge. The development of regional industrial transformation and upgrading determines the construction level of higher vocational education group to some extent, and at the same time. The development level of higher vocational education group promotes the development of regional industrial transformation and upgrading^[4].

This requires higher vocational education to base on the development of regional industrial economy, adjust and optimize the professional group with the transformation and upgrading of industrial structure. Building a high-level professional group to adapt to the transformation and

upgrading of regional industries^[5].

At present, the interior art design major still follows the traditional talent training mode, which is not adapted to the development needs of the current industry and the industry, as well as there is a serious disconnection between the curriculum system and the real position of the enterprise^[6].

Interior design professional should be oriented applied talents training, highlight the teaching process of practical, starting from the direction of vocational and technical colleges to cultivate talents^[7]. Openness and professional characteristics, integrating "teaching, learning, do", achieving "teaching," learning in doing". Learning in practice conform to the requirements of the pyramid of theoretical learning, promote the reform of work-integrated study personnel training mode^[8].

The main positions include design, construction and management, at the same time, the corresponding positions include engineering design, decoration construction and construction management. This conclusion is made according to the survey and analysis of talent demand in building decoration industry^[9].

Specific positions can be divided into budget, design, site construction, data, construction, quality inspectors and other post group professional talents.

The investigation and feedback analysis found that there is a large proportion of technical and management personnel directly facing the production level, mainly engaged in design and construction management, cost, data management and other work.

Building decoration industry is a comprehensive industry, integrating multiple fields and requiring the coordination of multiple jobs. The development of this industry is more inseparable from the training mode of diversified and high-level compound talents^[10].

3. Training Mode of Interior Design Professionals in the Architectural Decoration Industry

The development of regional industrial economy, the training of high-end composite skilled talents, and the collaborative and innovative development of industrial transformation and upgrading are one of the main tasks of higher vocational education, and also the primary task of higher vocational colleges^[11].

The development of regional industrial transformation and upgrading determines the construction level of higher vocational education group to some extent. At the same time, the development level of higher vocational education group promotes the development of regional industrial transformation and upgrading.

Industrial transformation and upgrading is the only way for the development of traditional industries and regional social economy. With the continuous transformation and upgrading of Shanwei building decoration industry to information and intelligence, the emerging positions require employees to have different professional skills and knowledge.

Therefore, the specialty of interior art design in higher vocational colleges quickly adapt to the mechanism construction of the industrial development trend, the requirements of the transformation and upgrading of the architectural decoration industry in Shanwei area. The construction of professional resources aggregation and the teaching management mechanism construction of professional group as the unit.

The measurements of realizing the upgrading and development of the building decoration industry are as follows: reforming the talent training mode of professional groups, through the measures of industrial upgrading and adjusting the structure and layout of majors. Building a diversified integrated curriculum system, the teaching resources combining virtual and real. The construction of structured double teacher team and quality assurance system, the construction of professional groups.

To build a high-level professional group with distinctive characteristics, adjust the professional

structure, optimize the layout of majors, enhance the matching degree with the industrial structure, improve the quality of talent training in higher vocational colleges, provide high-quality compound technical talents for the development of building decoration industry, and meet the needs of industrial upgrading and economic structure adjustment.

The digital trend of synchronous architectural decoration design, with the concept of "modular curriculum, fragmented resources and situational application" build one school-level teaching resource database.

The university and the enterprise develop visual, personalized and flexible quality teaching materials, with "design + production" as the concept. School-enterprise cooperation develop visual, personalized and flexible quality teaching materials.

Teaching mode of "double tutor" modular innovate implement precision design "creative +" classroom teaching method.

"Virtual workshop" digital interactive teaching means to improve the training quality of the professional group, the school enrollment and students are nearly one million yuan.

This project needs to introduce regional well-known design masters and other industry outstanding talents and enterprise front-line backbone.

A productive high-level teaching system is built by an "enterprise mentor" studio, a part-time teacher resource database, and a "school-enterprise mixed" teachers.

It needs cooperating with Luhe high-quality architectural decoration enterprises, regional related industrial characteristic towns, industrial parks to build and upgrade a productive training base integrating creative area.

It's necessary to design area and production area, and build a high-level public training center of integration of production and education. Building an off-campus practice teaching is based by deep integration of school and enterprise.

Guided by well-known designers, relying on regional local design resources, construction by Shanwei cities counties quality building decoration enterprises and designers, working in Shenzhen and other places of Shanwei cadastral designers and interior art design professional group of backbone teachers of "Shanwei design power", power production fusion, university-enterprise cooperation building decoration design personnel training mode reform, promote professional teaching achievements to enterprise design transformation, together to build regional industry influential technology skills platform.

As a professional group manager, the interior art design major aims to improve the quality of talent training, and focuses on the construction of talent training mode, training base, teaching staff and teaching resource base to study the teaching mode, method and practice that adapt to the upgrading of the architectural decoration industry in Shanwei. And research results as the theoretical basis and guidance, promotion and practice of Shanwei building decoration industry and higher vocational education integration, integration of resources, continuously deepen cooperation, enhance social service ability, improve enterprise satisfaction of choose and employ persons, for Shanwei building decoration industry to provide high-end skilled personnel security and technical support, power Shanwei building decoration industry transformation and upgrading.

It is helpful to improve the quality of the construction of high-level indoor art design group, put forward the construction measures of indoor art design group, in order to adapt to the transformation and upgrading of Shanwei architectural decoration industry structure. The direction and connotation of the construction of high-level indoor art design group are to be summarized. The principles and methods of the construction of professional group should be combined.

The age is facing Regional transformation and upgrading of industry development stage nature and characteristics. Its time for changing the high level of local vocational colleges interior art design group construction talent training quality evaluation standard. The regional building

decoration industry is transformed, as well as the local high level interior art design group in higher vocational colleges of collaborative innovation development of new measures is constructing. Higher vocational education needs to have higher vocational education work keen eye, also need to have the courage to the study of higher vocational education theory and practice.

4. Conclusion

Taking the upgrading of architectural decoration industry as an opportunity to improve the quality of interior design professional talent training is the basic guarantee to realize the collaborative innovation and development of specialty and industry, and also one of the important ways to create the brand connotation of interior art design professional group and maximize the utility of resources.

At the same time, it can promote the integration of Shanwei building decoration industry and higher vocational education, integrate all resources, continuously deepen the cooperation between schools and enterprises, enhance the social service ability, improve the satisfaction of enterprise employment, provide high-end skilled talent guarantee and technical support for Shanwei building decoration industry, and help the transformation and upgrading of Shanwei building decoration industry.

Current combination under the background of high level professional group construction is the hot issue of vocational education, the higher vocational colleges with high level professional group construction gripper actively into the wave of education reform, but due to the professional group construction must be combined with the local industry and industry economic development needs, combined with the type characteristics of professional group itself, so the professional group construction has strong individual differentiation. Analysis of the problems of the construction of high level professional group, research professional group construction path must be based on realistic demand, so through case analysis, choose one or two indoor art design in higher vocational colleges group construction practice, specific analysis of the local industry economic development under the background of the construction of the professional situation, analysis of problems, and put forward the professional group construction reference path and countermeasures.

High-level professional groups in higher vocational colleges are constructing, with the collaborative theory and the concept of collaborative education as the theoretical basis.

The literature data is analyzed by the literature research method, under the background of industry and education integration as the research object.

Shanwei building decoration industry is combined and analyzed, under the background of regional industry-education integration. Its urgent to clarifying the practical needs and talent training orientation of the current construction of high-level interior art design majors in higher vocational colleges.

Highly skilled talents is urgently needed for transformation and upgrading of Shanwei building decoration enterprises, combined with the field research method of field research and other practical research methods.

The current situation of the construction of high-level interior art design professional group is systematically investigated and analyzed, from the aspects of group logic, direction orientation of professional group construction and connotation construction.

Theoretical basis is formed by analyzing the relationship between high-level construction and the integration of industry and education. Its necessary to analyzing the basic status and achievements of interior art and design professional group construction based on literature and interview content, as well as to analyzing the problems existing in the construction of high-level professional group.

It provides theoretical basis and technical support for the construction path of high-level interior

art design, by analyzing the existing problems in the current high-level interior art design professional group and its internal deep causes,. Finally, on the basis of theoretical research, investigation and analysis, the construction path and countermeasures of high-level interior art design professional group are put forward.

The practice teaching of interior art design professional group is carried out smoothly, according to the talent training program and goals. The discipline advantages and characteristics of the school.

The reform of the practice teaching system of interior art design professional group is Promoted. The project needs to improve the level of running schools and improve the quality of personnel training. The discipline advantages and characteristics of the school is highlighting, Promote the construction of interior art design major and discipline are promoted.

It is conducive to the construction of double-qualified teachers, It's urgent to improve the teaching and scientific research level of professional course teachers.

It needs to promoting the integration and optimization of teaching resources and the construction of the teaching staff structure, the cultivation of teaching, as well as research innovation ability.

It should to be promoted that innovation of practical teaching mode and management mode of interior art design major. The economic and social development of Shanwei region should be promoted, in order to serve the regional development and the implementation of the overall industrial structure transformation and upgrading strategy.

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