

# *Construction and Research on Employment of Landscape Architecture Courses in Colleges and Universities*

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**Abstract:** In view of the problems existing in the employment process of landscape architecture graduates, this paper puts forward the concept of "curriculum employment", and explores the specific measures for the construction of "curriculum employment" in landscape architecture from the aspects of talent training program, the revision of teaching syllabus, and the integration of employment guidance elements into the professional curriculum teaching process.

At the press conference held by the State Council Reform Office on September 9, 2022, Huai Jinpeng, Minister of Education, said that employment is an important direction of the reform of higher education. In combination with the needs of the labor market, scientific and technological changes and industrial changes, the employment situation is constantly regarded as an important content of the "double first-class" construction and the structural layout adjustment of higher education, and as the main basis for the construction performance and discipline evaluation.

The purpose of curriculum employment is to build a curriculum system with synergistic effects in which all kinds of professional courses and employment guidance go hand in hand, so that the concept of employment guidance can be interspersed in the teaching of professional courses, cultivate high-quality talents that meet the needs of the labor market and the needs of technological and industrial changes, and promote high-quality employment of graduates. Curriculum employment can be taken as a measure to implement the reform of higher education. According to the characteristics of different professional courses, such as career development path, industry development needs, and practitioners' skill requirements, curriculum teaching can be carried out with emphasis in combination with employment guidance. After graduation, students majoring in landscape architecture can engage in professional related work covering landscape architecture field planning and design, engineering construction and management, landscape plant application, resource and heritage protection, etc., and can be engaged in scenic spots, urban and rural green spaces, land and regions, urban landscape, ecological restoration, landscape architecture, landscape architecture heritage Planning, design, protection, construction, management and scientific research of tourism and recreation. In the teaching of professional courses, we can combine the needs of students' career development after graduation and the requirements of their jobs, and integrate the employment guidance content of professional ability and professional quality into the teaching of professional courses, so that students can learn more thoroughly, stimulate students' interest in learning and motivate them to do a good job in career planning.

## **1. Problems in the construction of curriculum employment**

The school running orientation of landscape architecture specialty is to cultivate professionals with good moral quality, physical and mental health, who are engaged in planning and design, engineering construction and management, landscape plant application, resource and heritage protection, etc. in the field of landscape architecture.[1] At present, there is no perfect curriculum employment system combining employment guidance with professional curriculum teaching in landscape architecture specialty; Teachers' enthusiasm and investment in combining employment guidance content with professional teaching content are not high; The combination of professional knowledge teaching and employment guidance content is mostly limited to the combination of professional knowledge teaching and a single landscape architecture project in the teachers' personal responsibility. There is no connection with the career development path, and the employment content of courses received by students is fragmented.

## **2. Objectives of Course Employment Construction**

The construction goal of landscape architecture professional curriculum employment is to integrate the elements of employment guidance through the teaching of various professional courses, and form a curriculum employment education system that combines the content of employment guidance such as career development path, industry development status, industry category and occupation category of the specialty with the content of professional courses.[2] The construction of employment of landscape architecture courses aims to improve students' awareness of the job market, understanding of the current situation of the industry, clarity of career development path, and grasp of professional courses and future careers, promote students to combine the learning content of professional courses with the future career development path, make a good career planning, define learning objectives, increase learning motivation, and cultivate students to be employed upon graduation without wasting time, The youth of the new era who do not waste their youth and are responsible and promising for the country, society and family.

## **3. Course employment value guidance**

The professional curriculum teaching of landscape architecture is integrated with employment guidance elements to help students understand, accept and look forward to their career ideologically, cultivate the students' spirit of love, dedication and dedication to the country, and strive to pursue an ideal life and realize the value of life.

## **4. Exploration and Research on the Construction of Curriculum Employment Teaching System**

### **4.1. Training plan and syllabus**

In terms of training plan and syllabus, centering on the fundamental task of "building morality and cultivating people", career guidance, industry prospect analysis, career analysis, career path analysis and other employment guidance elements are included in the training plan and teaching plan of professional courses of landscape architecture, so that students can fully understand the industry that landscape architecture majors face and clearly understand the application of professional knowledge in the industry during their college years, Be able to combine their professional values, professional interests, personality, professional skills and other aspects, define their own career goals, make career planning, make full preparations for entering the workplace, and achieve employment after graduation. In the training plan and syllabus, in addition to requiring students to firmly master

professional knowledge, students should also put forward clear requirements on their vocational skills, career expectations and career goals. The course syllabus should reflect the content of employment guidance and the expected guiding effect of the course. In terms of teaching content, employment guidance elements should be integrated into the course teaching activities. In the course of teaching implementation, the teaching content should be updated in a timely manner according to national policies, industry development, etc., to form the teaching ideas and teaching methods of "curriculum employment".

#### **4.2. Professional course teachers' employment guidance ability**

In terms of improving the employment guidance ability of professional curriculum teachers, first of all, professional teachers should improve their ideological recognition and attention to students' employment guidance, which is an important factor for good curriculum employment. Adhering to the principle of "all for students, all for students", we should not only focus on students' professional learning at school, but also on their future career development, and include students' employ ability, employment quality, career development and other factors into the curriculum teaching assessment. Secondly, it is necessary to improve the employment guidance ability of professional course teachers. Through establishing contacts and cooperation with well-known people in the industry, career planner training, employment instructor training and other ways, professional course teachers can know the latest industry development trends and prospects in detail, and master the process and methods of career planning and employment guidance. In addition, we will regularly carry out discussion activities on the employment construction of courses such as teaching scheme design, course exchange and discussion, and creation of quality courses that incorporate the elements of employment guidance, and deeply study the construction planning of various professional courses of landscape architecture, the integration of employment guidance elements, and the guidance of professional values, so as to improve the employment guidance ability of professional course teachers.

#### **4.3. Professional courses meet the requirements of the industry and strengthen the cultivation of students' professional abilities**

Explore the industry requirements and career development path corresponding to the landscape architecture professional courses, and integrate the employment guidance and professional quality cultivation of students into professional courses teaching, teaching practice, professional practice, graduation practice, graduation thesis/design and other teaching activities. Guide students to establish professional ideals, adhere to professional ethics, improve professional quality, and consolidate professional ability. To organically integrate the elements of employment guidance with the teaching of professional knowledge, and to plant the key words such as "career development", "career ideal", and "employment" in the students' learning concept in a quiet way, so that students' professional learning has a sense of purpose and direction. Solve the social problem of "unemployment upon graduation" from the source.

Focusing on the positions in the landscape architecture profession that the landscape architecture majors can engage in after graduation, the job requirements and job responsibilities of the positions should be sorted out, and the corresponding professional courses should enable students to clearly and thoroughly understand the application of the courses they have learned in their career, so that students have a sense of purpose and mobilize their enthusiasm and initiative in learning.

According to the training plan of landscape architecture specialty, combined with factors such as industry recruitment posts, job content and job requirements, the following two professional courses are taken as examples to explore the integration point of employment guidance elements:

The course "Landscape Engineering Management" mainly teaches students the management

knowledge of landscape engineering in the construction process. From the aspects of modern landscape design, bidding, cost, construction, supervision, and specific management knowledge in the completion process, it teaches students the technical specifications and procedures of landscape operation, key points and methods of management, laws and regulations related to landscape management, calculation of project cost, and supervision of landscape construction. The knowledge learned in this course can support students to work as landscape project managers, landscape budget and settlement personnel, landscape constructors, etc. To integrate employment guidance with course teaching, the job requirements and work contents of the above related posts can be integrated into the course teaching. Be responsible for communication and coordination with the project quality and safety supervision station, supervision unit, construction unit and other subcontractors; Participate in the organization of drawing review and technical disclosure, and be responsible for the review and confirmation of design changes; Organize construction process planning, and be responsible for solving technical problems during construction; Preside over the investigation of material procurement and labor suppliers, and sign the material procurement contract and labor supplier contract of the Project Department with the authorization of the Company; Be responsible for the approval of the labor and material settlement sheet of the Project Department; Participate in the completion settlement of the project; Organize the preparation of technical data for the completion of the project; Do a good job in cost accounting of the project, activate the use of funds, and review various expenses. If students want to be competent for the post of "Landscape Project Manager" in the future, they need to learn the course "Landscape Engineering Management" in an all-round way during school. The work content of the post of "landscape budget and settlement clerk" is roughly the preparation of landscape engineering budget and final accounts; Timely understand the project cost policies, documents, quota standards, etc. The job requirements are to be familiar with the basic materials and construction site conditions of the garden project, and understand the construction technology and methods adopted by the construction party; Be able to independently complete the budget and settlement of garden projects; Familiar with the bidding process of landscape engineering. The work content of the post of "Landscape Constructor" is generally responsible for the construction progress, landscape quality, safe and civilized production, cost control and personnel management of the project; Urge the construction materials and equipment to enter the site on time, be responsible for the acceptance of construction materials, and ensure the smooth progress of the project. The job requirements are to skillfully use CAD and other drawing software, be familiar with the garden construction drawings, and be familiar with the garden site construction process and relevant management methods.

The course Urban Green Space System Planning mainly teaches students urban green space and urban green space system planning, the generation and development of urban green space system planning, the classification of urban green space, the contents and procedures of urban green space system planning, the planning methods of urban green space system, the planning essentials of various urban green space plans, the implementation and management of urban green space system planning, GPS, GIS The technical route and method of RS and other 3S technologies in the planning and application of urban green space system. The knowledge learned in the course can support students to work in urban planning designer and other posts. The post responsibility of "urban planning designer" is roughly to plan regional planning and design schemes (such as scenic spots, leisure resorts, theme parks, tourist towns, ancient cultural towns, historical and cultural blocks, rural tourism areas, scenic spots, etc.); Responsible for the overall planning, overall thinking and implementation, scheme conception, regulatory detailed planning, implementation guidance, achievement implementation quality control, etc. of the project; Be responsible for the creativity and design of large planning projects and the control of the whole process; Responsible for the review and implementation report of the planning scheme. To be qualified for this position, students need to

have strong creative ability, be able to control the implementation of plans, and have international cutting-edge planning and design methods and capabilities. The course of Urban Green Space System Planning enables students to establish an overall planning thinking, establish a green space system planning system, master green space system planning methods, and know relevant laws and regulations, so that students can be engaged in urban planning designers and other related professions. In combination with the post requirements of urban planning designers, the teaching node should be integrated into the post requirements and work contents in the teaching process of Urban Green Space System Planning. At the same time, famous urban planning designers in the industry can be invited to participate in the course teaching process, so that students can combine what they have learned in class with what they have used in their posts, so that their learning is more directional and purposeful.

In the teaching of professional courses, post, industry, occupation and other elements and relevant information are integrated, so that students can clearly know what the key and difficult points of learning are, and what the corresponding jobs are in many professional knowledge they have learned, so that students can clearly understand the context of "learning - using", clear their thinking and grasp the direction of learning.

## 5. Conclusion

Under the current employment situation, the construction of curriculum employment is a road exploration to implement the fundamental task of establishing morality and cultivating people, promote students' growth and talent, improve students' employment quality, and clarify students' learning objectives, as well as a direction exploration to promote teaching reform and the revision of talent training plans. Through the exploration and practice of the construction of the employment of landscape architecture courses, students can imperceptibly establish a correct concept of employment and career selection, define career goals, root in career ideals, and grow into aspiring talents who can adapt to social development, meet the needs of the industry, and be competent for the job requirements.

## References

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