

# Research on the Curriculum Innovation of ESP for Mineral Processing Major from the Perspective of Ideological and Political Theories Teaching in All Courses

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**Abstract:** ESP refers to the English that is specially learned and mastered to meet the work needs of a specific professional field. Under the background of global economic integration and internationalization of higher education, how to integrate professional knowledge with Ideological and Political Theories Teaching in All Courses to train students to become international talents is an important task of higher education at present. For the courses of ESP for mineral processing majors, the construction of Ideological and Political Theories Teaching in All Courses the courses is carried out to integrate it into the innovative research on teaching objectives, teaching contents, teaching methods and evaluation methods, and build the "four-in-one" teaching system with ideological and political elements as the core, which enables students to not only master professional knowledge and skills, but also have ideals and beliefs, moral character, solid knowledge, and a benevolent heart.

**Keywords:** Ideological and Political Theories Teaching in All Courses; Mineral processing major; Special purpose; English curriculum innovation research

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## Introduction

"The Guide to College English Teaching" points out that "College English teaching should be student-centered, aim at ability cultivation and oriented by practice and application. It should guide students to attach importance to the use of language knowledge and skills in the learning process, pay attention to the improvement of students' English language application ability, and cultivate students' ability to acquire knowledge, express ideas and exchange information in English." "College English Course Teaching Requirements (Trial)" clearly points out that: "the nature of college English courses is to cultivate students' learning ability, improve students' humanistic quality, improve students' cross-cultural communication ability and independent learning ability. With the deepening of the world economic integration and the internationalization of higher education, the demand for high-quality international talents is increasing. Under the background of global economic integration and internationalization of higher education, the cultivation of college talents should not only pay attention to the imparting of knowledge and skills, but also pay attention to the cultivation of ideological and political quality and humanistic quality." The Guiding Outline of the Construction Ideological and Political Theories Teaching in All Courses of Colleges and Universities" points out: "Colleges and universities should fully tap the ideological and political education resources contained in various disciplines, and realize that all kinds of courses and ideological and political theory courses are in the same direction to form a synergistic effect." Therefore, it has become one of the important tasks of college curriculum construction to integrate ideological and political elements into the teaching process of professional courses.

## 1. Course Objectives

On the basis of in-depth analysis of the training objectives of mineral processing professionals, the course of English for Specific Purposes for Mineral Processing majors takes mineral processing courses as the carrier, aims to cultivate students' practical ability and

innovation ability,integrates the Ideological and Political Theories Teaching in All Courses with the professional teaching content and guides students to master English language skills,cross-cultural communication skills and technical writing skills by learning about course knowledge.

Combining professional knowledge with Ideological and Political Theories Teaching in All Courses organically to realize the organic unity of "imparting knowledge,cultivating abilities"and"leading values".In the process of teaching professional knowledge of mineral processing,students are guided to learn the usage of professional English vocabulary,phrases and sentences according to their major and post requirements,so that students can master the basic knowledge,meaning,usage and word-formation characteristics of professional English vocabulary.By learning the relevant content of the course,students can grasp the current situation of the development of the industry and the application of new technology and new equipment.Students' learning interest and motivation are stimulated through course design and discussion.Case teaching and practical teaching is combined to train students' ability to judge the development trend of the industry.

## 2. Course Content

The course content is optimized for mineral processing major.The course is a professional basic English course,mainly teaching basic English grammar,vocabulary and related theoretical knowledge.According to the professional talent cultivation goals,with students as the center,the course content is combined with industry needs and social development to integrate industry standards and Chinese culture into the teaching process and construct a knowledge system for professional talent cultivation.In terms of professional knowledge,we pay attention to the accuracy and standardization of professional terms,and teach in accordance with the"English Teaching Syllabus for English Majors in Colleges and Universities"and relevant industry standards.On this basis,quality education and occupational quality education are carried out for students from two aspects of"industry demand"and"social development".

In terms of professional ability,emphasis is placed on the cultivation of students'language ability and comprehensive application ability.The course covers a large number of engineering technical terms,such as:"dense medium beneficiation plants", "coal preparation plant","equipment of beneficiation plants","mineral processing principles",etc.By learning these professional terms,students can improve their professional quality and professional ability.At the same time,while teaching language knowledge,we should also pay attention to language practice.Through listening,speaking,reading,writing and other aspects of training,students can skillfully use the knowledge to work and communicate.Finally,it guides students to establish a correct outlook on life and values in combination with professional skills training and student development needs.The course content structure diagram is shown in Figure 1.

## 3. Curriculum Teaching Methods and Curriculum Evaluation System

The traditional teaching method is mainly lecturing,including classroom lecturing,theory lecturing,case analysis and so on.The kind of teaching method is mainly aimed at the imparting of basic knowledge,basic theory and basic skills.Teachers,as knowledge imparters,are more about teaching knowledge and imparting knowledge to students.For mineral processing major,if only the traditional teaching methods are used,it may make students feel boring in the classroom and cannot arouse students'interest in learning.The teaching method of the course insists on students as the main body and teachers as the leading role,and gives full play to the main role of students and teachers in the classroom.In the course of teaching,teachers should first change their role orientation from knowledge imparter to participants and organizers of teaching activities.Secondly,we should highlight the principal position of students and fully mobilize their enthusiasm for learning.Thirdly,the teaching methods such as heuristic and discussing method should be adopted to return the classroom to the students.Finally,we should combine theory with practice,take ability training as the core,and insist on educating people and moral education as the first.In the course of teaching,various,interactive,case analysis,scenario simulation and other methods are adopted to arouse students'learning enthusiasm and make them actively participate in the teaching process.The method can stimulate students'learning interest and enthusiasm.

Ideological and Political Theories Teaching in All Courses is a brand-new educational idea.And curriculum evaluation needs to keep pace with The Times,update the idea,and realize the diversification of evaluation subject,evaluation content and evaluation method.Curriculum evaluation is an activity to measure and compare students'learning process and results,which is an important part of teaching activities.According to the nature and characteristics of the course,the ideological and political education elements are integrated into the course evaluation,which highlight the process assessment and multi-dimensional evaluation.It is embodied in:Exam content is enriched.The final exam result will be based on the fusion of traditional exam content and ideological and political elements.The proportion of process assessment is increased.The proportion of ordinary scores in the total score is increased from the original 50%to 75%,that is,ordinary scores account for 25%of the total score,and the final exam accounts for 75%of the total score.Multidimensional evaluation form is established.Student evaluation,teacher evaluation,social evaluation and student self-

evaluation should be combined to establish a diversified curriculum learning performance evaluation system. We should strengthen the supervision and management of the integration of the elements of Ideological and Political Theories Teaching in All Courses into classroom teaching. Ideological and Political Theories Teaching in All Courses should be included in the scope of supervision and assessment to realize the implementation of Ideological and Political Theories Teaching in All Courses in classroom teaching.

#### **4. The Characteristics and Innovations of Innovative Research**

Starting from the integration of professional knowledge and ideological and political elements, we will fully explore the elements of Ideological and Political Theories Teaching in All Courses, and run socialist core values through the whole course teaching process. We should construct the "four-in-one" teaching system with ideological and political elements as the core to integrate professional knowledge with ideological and political elements to achieve the purpose of improving students' professional comprehensive ability and promoting students' all-round development. The ESP of mineral processing major introduces how to integrate Ideological and Political Theories Teaching in All Courses into the professional teaching to combine the ideological and political education with the professional teaching. A multi-channel ideological and political education method based on classroom teaching, extra-curricular learning and scientific research projects is proposed. Students' scientific spirit, innovative consciousness, teamwork spirit, social responsibility and feelings of family and country are cultivated in order to cultivate students to become international talents with "global vision and international competitiveness".

#### **5. Conclusion**

From the Perspective of Ideological and Political Theories Teaching in All Courses, the innovative research of ESP courses for mineral processing provides a new idea and method for the implementation of ESP courses. By analyzing curriculum objectives, contents, teaching methods and evaluation system, this paper expounds the characteristics and innovations of curriculum innovation research. Firstly, it is clearly pointed out that professional English courses should not only train students to have a solid English foundation, but also enable students to apply English to the practical work of mineral processing. The kind of goal orientation helps students to combine English learning with professional knowledge and improve their professional English level. Secondly, the course content is rich and targeted and practical, covering all aspects of mineral processing, including mineral resources exploration, exploitation, processing, utilization and so on. It will help students gain a comprehensive understanding of the mineral processing industry and lay a solid foundation for their future work. In addition, this study puts forward a variety of teaching methods, such as task-based teaching, cooperative learning, etc. The application of these methods will help stimulate students' interest in learning and improve learning results. At the same time, the reform of the evaluation system also reflects the innovation of the curriculum, such as the use of diversified evaluation methods, which not only concerned about students' achievements, but also concerned about students' comprehensive quality and practical ability.

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