

# **School of Municipal and Surveying Engineering**

## **2022Annual Teaching Supervision Work Summary**

Over the past year, the Teaching Supervision Group of the School of Municipal and Surveying Engineering (hereinafter referred to as the College Supervision Group), under the direct leadership of the School's Teaching Quality Monitoring and Evaluation Center and the School's Teaching Supervision Team, and with strong support from the leadership of the School of Municipal and Surveying Engineering, has earnestly fulfilled its duties in accordance with the spirit of the "Regulations on Teaching Supervision Work of Hunan City University" (湘城院发〔2019〕32号) document, and has successfully completed the supervision work tasks for the entire year. Now a brief summary is as follows:

### **1. Teaching SupervisionCompleted WorkTasksSituation**

#### **1.Work Overview**

The college teaching supervision team, in accordance with the school'sbeginning of the yearteaching supervision work meeting requirements, formulatedthe annualteaching supervision work plan, held a college supervision workmeeting,clarified the tasks of teaching supervision, proposed the requirements and precautions for supervision work. The supervision work meetinginvitedthecollege, academic affairs office, student affairs office, and relevant responsible persons from various departments (offices) toattend the meeting. At the meeting, the work plan items were discussed, the supervision work duty roster was scheduled,and the collegeleadership andvarious departments providedworksuggestions.At the end of the term, asummary meeting for the college teaching supervision workwas held, providingan annualdetailed report on the teaching

supervision work situation to the college leadership and department heads. Carefully listened to the evaluations and suggestions from various departments of the college regarding the teaching supervision work.

## 2. Supervisory Workload

Over the past year, the college's teaching supervision team has closely focused on supervision of teaching, supervision of learning, and supervision of management and has carried out work, with a focus on three groups of people for teaching supervision. First is to supervise and guide new and young teachers in the college; second is to listen to and evaluate classes of teachers who receive significant feedback from students; third is to conduct class observations, evaluations, and lesson refinement for teachers responsible for "golden course" construction tasks and those participating in teaching competitions. For new and young teachers, supervision is conducted through two methods: attending classes and follow-up observations, while for teachers who receive significant feedback from students, focused and concentrated class observations are conducted, addressing the issues present in teaching, pointing out specific shortcomings, and providing improvement methods or suggestions.

Table 1. Basic Situation of College Teaching Supervision

Serial number	Name	Job title	Department	Position	Remarks
01	He Liangyun	Associate Professor	Surveying Engineering	School-level supervision	
02	Chi Nianping	Teaching Education	Water Supply and Drainage Science and Engineering	Vice President	
03	Kuai Daqiu	Teaching Education	Building Equipment and Energy Application Engineering		
04	Tan Quanyu	Associate	Geographic Information Science	Supervisory Team	

Table2.Teaching Supervision Attendance in

Name	last semester	Next semester	Total
He Liangyun	36	38	74
Chi Nianping	28	28	56
Kuai Daqiu	30	38	68
Tan Quanyuan	44	45	89

Table3 Contact Information of College Information Staff

Name	last semester	Next semester	Total
He Liangyun	15	16	31
Chi Nianping	13	19	32
Kuai Daqiu	12	17	29
Tan Quanyuan	13	16	29

## Special Supervision and Research Situation

In response to the lack of teaching experience among the teaching staff, various problems have arisen. The teaching supervision team will carry out the following special inspections and research work.

**1.Special Inspection of Teaching Plans.**March14,2022, according to the college's arrangement, the supervision team, under the leadership of Vice Dean Wang Aihe, conducted a “Standardization Supervision of Teaching Materials and a Comprehensive Inspection of Teaching Plans by All Faculty” in Room 310 of the City Measurement Building. A total of 55

part-time and full-time teachers participated, with 44 teachers submitting their teaching plans on time. The inspection found that many teachers had complete teaching materials, standardized formats, and detailed content, especially excelling in curriculum ideological and political education and teaching method design. The best performance came from the teachers of the Water Supply and Drainage major, as they had just undergone professional certification by the Ministry of Housing and Urban-Rural Development, resulting in a higher overall level, such as teachers Deng Jie, Yan Hengzhen, and Li Yuanping, as well as Teacher Xiong Liwei from the Geographic Information Science major. However, there were also some issues, such as incomplete teaching materials not aligning with the school's regulations, some formats being non-standard, using PPT instead of teaching plans, missing teaching method design sections, and incomplete teaching process designs, with the curriculum ideological and political education sections needing improvement. After the college inspection, the college's academic affairs office contacted each teacher individually for signatures to ensure accountability and implement corrections, and the teachers responded positively, actively cooperating.

## **2.CourseIdeological and Political**

**SpecialInspection.**2022Year4Month7DayatCity Measurement Building509conducted the “2022Spring Semester Ideological and Political Special Inspection of the School of Municipal and Surveying Engineering”

## **3.Special inspection of the teaching**

**syllabus.**OnSeptember15,2022,theinspection of the implementation of the “2022New Version of the Teaching Syllabus Revision”was conducted inrooms 302,304, and 306.



**4. Writing research papers.** The supervision team of the School of Municipal and Surveying Engineering conducted research on "The Practice and Reflection of Integrating Ideological and Political Education into Professional Course Teaching" and wrote a research paper; The supervision team of the School of Municipal and Surveying Engineering conducted research on "Research and Discussion on the Mentor System for Young Teachers in Undergraduate Colleges from the Perspective of Teaching Supervision" and wrote a research paper.

**4. Special inspection of graduation comprehensive training.** Special inspection of graduation comprehensive training, from topic selection, proposal, mid-term inspection, to comprehensive defense of graduation design, student attendance rate, guidance teacher attendance rate, and the "monthly check" of graduation design comprehensive training are followed up step by step, implementing two qualification review measures before the graduation design defense, which greatly improved the quality of graduation design comprehensive training, especially the process control of graduation comprehensive training, and significantly enhanced the initiative of students in their graduation design comprehensive training. Although the college supervision team also faced unprecedented pressure, the results were still good and positive.

**5. Supervision of New Student Orientation.** The orientation for new students is very important, and the school leadership attaches great importance to this work. On September 9, 2022, the college supervision team conducted an overall supervision of the "2022 New Student Orientation Work." This year, our college enrolled a total of 396 new students at the beginning of the semester, with 366 students reporting to school, resulting in a new student enrollment rate of 93%, while 7% of students delayed their enrollment due to the pandemic and other special reasons, indicating that the new student enrollment situation is very good. The orientation for new students is diverse, with Secretary Rao of the college party committee

personally serving as the head teacher for the new students in the Surveying Engineering major2202601class. The forms of new student orientation in each department are also rich and varied. The Department of Geographic Information Science collected short videos from graduates of previous years,in which alumniintroduce their work experiences and achievements,and express their gratitude to the school for its training,which has a significant impact on the new students.Teachersfrom each majorallparticipatedinthe freshman orientationandthe results of the orientation were significant, achieving the expected goals.

### **Three,studentsinformation officersactively participate inpromoting the construction of the college's academic atmosphere**

Establishedthe interconnection mechanism for college information officers, supervisingto strengthenthe contact with student information officers,to timely understand the situation of teaching and learning,accuratelygraspthe teaching and learning conditions.

The above measureshave achieved good results. There isa phenomenon among students wherethelearning atmosphere is not very strong, and their motivation to learn isnotvery5sufficient.Occasionally, some students do not pay attention in class, chat, or engage in small distractions, but the attendance situation in some classes has completely improved. The college supervision team has set stricter requirements for teachers, not only to prepare and deliver lessons well but also to consider classroom discipline organization as an important factor in evaluating their teaching level. Additionally, they require counselors to strengthen the ideological education and daily behavior management of students, asking them to enter the classroom5minutes before class. Currently, a large number of students, while recognizing the importance of strict teaching management, have begun to consciously abide by school rules and regulations, and the learning atmosphere has significantly improved.

### **Four,theteaching supervision of the collegeleads by example in teaching style**

The teaching supervisor introduced their teaching experience through a public demonstration class. By focusing on specific points, they achieved good results. For example, Teacher Kuai Daqiu taught "Engineering Thermodynamics" (Class 2002301), Teacher Chi Nianping taught "Water Supply and Drainage Pipeline System (1)" (Class 2002202), Teacher Tan Quanyuan taught "Introduction to Earth Sciences" (Classes 2202601 and 602), and Teacher He Liangyun guided the new teacher Peng Zhihong in "Construction Engineering Measurement" (Classes 2101501, 2101502, and 2102503). The public demonstration class not only promoted the supervisor's own progress, but also emphasized that listening to a class is not as effective as teaching one. Only by personally teaching a course can one truly grasp the teaching materials and become familiar with the content of the course, which encourages supervisors to actively study the principles of education and teaching. While attending classes, teachers also absorb others' experiences, which contributes to their own improvement.

## **5. Teaching Supervisory Effectiveness Obvious**

From the entire process of teaching supervision, the vast majority of teachers are not opposed to having teaching supervisors enter the classroom to observe lessons. They welcome feedback and suggestions from teaching supervisors, identifying their weaknesses and gaps, and receiving recommendations for improvement and suggestions. Some teachers have requested that teaching supervisors provide more guidance, helping them to improve and enhance their teaching. Based on the observation and evaluation of over a hundred classes, it is evident that the vast majority of teachers love their teaching work, carefully prepare teaching materials, continuously learn and update their knowledge, frequently search for teaching aids, and always pay attention to enhancing new teaching content, actively exploring the forefront of subject development. In classroom teaching, most teachers pay great attention to their appearance, their posture at the podium, and classroom monitoring. They can use PPT and other auxiliary tools like small bees for teaching, choosing PPT combined with blackboard writing as a teaching method, adopting a problem-oriented approach, and using cases, questions, and prompts to organize their teaching, clearly defining the key and difficult points of instruction. They actively cooperate with the issues raised by teaching supervisors, continuously clarifying the structure of their lectures, ensuring that classroom teaching achieves good

results. Young teachers progress relatively quickly, such as Liu Fenliang and Fang Xin, whose improvements have been very rapid, and the supervising teachers have fully recognized their teaching progress.

In terms of teaching arrangements, the college places great importance on classroom teaching. For some foundational and core professional courses, teachers with high professional titles and rich teaching experience are assigned to teach, and during the teaching process of relevant courses, some new teaching and research reform achievements have been attempted, such as Teacher Xia Nan's "Rain Classroom" and Teacher Zhang Wei's "Wisdom Tree" classroom teaching, which have achieved very good results in provincial competitions and other events.

In terms of teaching management, due to significant changes in the personnel of the college's teaching management team, the dean in charge of teaching has changed, and the vice dean of teaching has been replaced, three of the four department heads are newly appointed, and they have not been in office for long, with insufficient teaching management experience. Therefore, during the teaching supervision process, the supervisors observe more, communicate more, and discuss more, exchanging opinions in a timely manner to identify problems, offer ideas, and provide suggestions to help solve issues. This has led to a continuous improvement in the level of teaching management.

In summary, the teaching supervision team of the School of Municipal and Surveying Engineering has achieved good results in the process of teaching supervision. Most teachers can maintain a good and calm mindset, correctly addressing the criticisms and suggestions made by each supervisor with an open mind. They accept feedback and suggestions, making changes where necessary and striving for improvement where there are none. As supervisors, they are also able to be pragmatic and targeted, providing thorough evaluations and scores without reservation. Facts have proven that some teachers have improved their teaching levels to varying degrees after accepting the suggestions of the supervision team.

## **Six、 The direction of effort.**

### **1.Strengthening the supervision of moral education.**

Although the school advocates a teacher-centered approach in teaching activities, the shift towards a student-centered philosophy that emphasizes achieving teaching objectives and enhancing students' interest in learning is still a challenging task, and the actual changes are minimal. It requires the decision-making center to start from the preparation of basic teaching.

**2.Strengthen the supervision of curriculum ideological and political education.** The courses advocated by the school fully cover ideological and political education, but currently remain at the stage of checking and preparing teaching materials. The elements of ideological and political education have not yet truly penetrated into the teaching actions of teachers, and effective measures need to be taken to strengthen this further.

3. Strengthen the supervision of classroom management. Issues with students listening in class. Students find it difficult to concentrate during lessons, with a few students sleeping, taking few notes, and some talking during class. Teachers should pay attention and cannot remain indifferent, as if it has nothing to do with them. They should actively regulate the classroom atmosphere, focus on the teaching of the teacher and the learning of the students, and incorporate ideological and political education into the curriculum. The goal is to enhance students' interest in learning and thus improve the quality of their learning. One aspect of teachers' teaching activities is to teach, while the other is to guide, which is essentially ideological and political education integrated into the classroom.

2022Year12Month22Day

## **City Measurement Institute2022-2023Second Semester of the Academic YearTeaching Supervision Work Summary**

This semester the Municipal Testing Institute established a new teaching supervision team, strictly following the "Hunan City University Teaching Supervision Work Regulations" to carry out work, adhering to daily duty, conducting inspections in the front line of teaching, comprehensively and objectively grasping the situation in aspects such as teaching operation, teaching effectiveness, curriculum construction, and laboratory management, helping to rectify or propose rectification suggestions. With the teaching supervision concept of "student-centered," focusing on cultivating students' innovative awareness, innovative thinking, and innovative abilities, and comprehensively improving students' quality as the center of supervision work, with undergraduate teaching as the focus of supervision work, actively carrying out classroom teaching supervision, conducting curriculum teaching research, participating in relevant teaching activities, helping teachers who are competitors in teaching competitions enhance their teaching skills, and paying special attention to the development of ideological and political education in courses. Under the guidance of the college leadership and the direct leadership of the Academic Affairs Office, the Teaching Quality Monitoring and Evaluation Center and with the good cooperation of the four teachers in the supervision team, the teaching supervision team successfully completed the work plan, and the main work of this semester's teaching supervision is summarized as follows:

### **1. Main Work**

1. Regularly holds supervision work meetings. The vice dean of teaching requires supervisors to effectively play their roles and improve the ability level of supervision. The head of the supervision team made arrangements for the implementation of the supervision work plan, encouraging supervisors to strengthen the inspection and checking of daily teaching work and supervision. Experienced He Liangyun shared his insights on supervision work, and other supervisors benefited greatly.

2. Attending classes is the main way for supervising teachers to conduct research on educational and teaching work. Through attending classes, we understand the teachers' implementation of the teaching syllabus, completion of teaching plans, preparation attitudes, teaching order, teaching content, ability to manage teaching materials, application and effectiveness of teaching methods and means, etc. This semester, the supervision team attended 82 classes in

total, and according to the class observation regulations, provided written evaluations of each teacher's classroom teaching quality, and gave feedback and communication to the teachers after class. The teaching process observed was relatively standardized, the teaching order was quite good, the teaching atmosphere was harmonious, and no teaching accidents were found. This indicates that the relevant regulations and systems of the teaching management functional department of the College of Municipal and Surveying Engineering are implemented effectively and managed properly. The vast majority of our college's teachers have a rigorous teaching style, are very responsible in preparing lessons, teaching, assigning homework, and correcting homework, are familiar with the classroom content they present, can integrate theory with practice, employ flexible and diverse teaching methods that are targeted and enlightening, use accurate and vivid case studies, and apply multimedia appropriately. The cooperation between teachers and students is quite tacit, and the classroom atmosphere is relatively lively, which indicates that the teaching business level, teaching methods, and teaching effectiveness of the vast majority of our college's teachers are good and commendable.

3. This semester the supervision key task is the comprehensive training teaching segment for graduation. The supervision team conducts daily inspections of the graduation design specialized classrooms, records student attendance, stops the lack of seriousness among individual students in a timely manner, and monitors the video surveillance of the graduation design classroom and all classrooms.

4. In the aspect of ideological and political education in courses, our college teachers actively participate in relevant training and strive to improve their own ability in ideological and political education in courses. Teachers Xi Wenfeng, Duan Jiao Jiao, and Zhou Zhongyu always take moral education as the fundamental task in their teaching, adhering to the close integration of professional teaching and ideological and political education, guiding values from three dimensions: political identity, moral cultivation, and professional aspirations.

5. In terms of practical teaching, our college focuses on academic competitions and innovation and entrepreneurship, and through the development of school-enterprise cooperation, we are solidly promoting the construction of a good academic atmosphere. In the 2023 "Dabeibei Cup" Fourth National College Student Drone Surveying and Mapping Skills Competition, surveying engineering students He Jiasheng and Zhang Bin, under the guidance of teachers Xue Yun and Zhang Wei, achieved an excellent result by ranking first overall and won the special prize, while the school received the Excellent Organization Award. Teacher Zhang Xinqiao's team participated in the Ninth National College BIM Graduation Design Innovation Competition, Teacher Chen Wen led a team to participate in

the finals of the Fourteenth National Higher Education Student "Svir Cup" BIM-CIM Innovation Competition, and works completed under the guidance of Teacher Xiang Xinan participated in the Fifteenth "Challenge Cup" Hunan Province College Student Extracurricular Academic Science and Technology Works Competition, all achieving excellent results, reflecting the students' spirit of daring to innovate and entrepreneurship.

6. The college is focused on helping students prepare for graduate school entrance examswork, truly implementing education in practice. In 2023, there were 367 graduates, and 74 of them successfully passed the entrance exams, an increase of 30 compared to the 2022 graduates, with an acceptance rate of over 20%. The college has established a responsibility mentor system for exam preparation, led by college leaders, with departments involved and all professional teachers participating. The college has organized the City Measurement Building to specifically open four classrooms as self-study rooms for exam preparation. A supervisory group composed of college leaders, responsible mentors, exam preparation specialists, and student leaders has been established to regularly conduct academic style inspections. The College of Municipal and Surveying Engineering is dedicated to guiding and nurturing students, focusing on exam preparation work. On June 7, the college held a "Determined to Work Hard and Achieve Success - 2023 Graduate School Entrance Exam Mobilization and Experience Exchange Meeting" in the library lecture hall, and arranged four dedicated review classrooms for exam preparation students, with college leaders and supervisory group members on duty every day to create a convenient and comfortable learning environment for exam preparation students.

Second, the issues in this semester regarding teaching work

While affirming the achievements at the same time, the supervisory team also found some urgent issues that need to be addressed as follows.

1. In the city measurement building there are individual students smoking and littering cigarette butts in the corridors and hallways which has been repeatedly prohibited but continues to occur.

2. Through sufficient communication with the information staff, students reported that the city measurement building has 5 classrooms for large classes, and some teachers, even with microphones, do not speak loudly enough for students in the back to hear. In some classes, students sitting in the back occasionally sleep or play on their phones. Some teachers have a relatively chaotic and poor classroom order, and the teachers only focus on teaching without paying attention to the students, and their requirements for students are not strict. Some teachers lack the ability and skills to manage various aspects of the classroom. Some teachers do not prepare lessons adequately, which is reflected in the framework of the knowledge



system they teach, where the key points are not highlighted enough and are often just glossed over. Some teachers have a strong accent.

2. Through the self-examination and self-correction of teaching materials, it was found that in some teachers' teaching materials, the course ideological and political content was not well integrated into the teaching syllabus, lesson plans, and PPTs. Although the educational goals of the course are reflected in the syllabus, there is still a lack of integration of ideological and political elements and materials in the actual teaching. The alignment between some course lesson plans, PPTs, and teaching syllabi still has room for improvement. Some exam papers were not graded according to standards, with incomplete information, missing signatures, and no step-by-step scoring.

3. Starting from the end of May, many classes have entered the course design teaching phase. The specialized classrooms do not have air conditioning, and the weather is hot. Additionally, the computers generate heat and do not dissipate it well, making students feel stuffy and uncomfortable in the classroom, which affects their learning state and efficiency. The power strips are tangled, which can easily lead to safety accidents. The design classroom does not have a projector, making it inconvenient for teachers to explain and analyze. Sometimes, there is no supervising teacher in the course design classroom, and students cannot get timely answers when they encounter difficulties.

### 3. Suggestions

1. It is recommended that the supervision team, the thesis duty teachers and the guiding teachers strengthen guidance and constraints on students' bad habits. It is suggested that the subject teachers enhance classroom management, pay attention to and strengthen Mandarin training, and it is recommended that large classrooms be equipped with sound amplification devices.

2. It is suggested that some teachers who still have room for improvement in their teaching level should learn from award-winning teachers in teaching competitions and use teaching competitions as an opportunity to refine their teaching skills and improve their teaching level.

3. It is recommended to strengthen the management of new teachers. This can be done through mentorship by experienced teachers, thematic lectures, and short-term training for newly appointed teachers.

4. It is recommended to accelerate the construction of key majors and teaching teams, encourage teachers to focus on implementing ideological and political education in their daily work and in detail, which can be achieved through training, cross disciplinary exchanges, establishing teaching backbones, and other methods.

This semester the teaching supervision work has achieved certain results, but there are still some shortcomings, mainly the lack of teaching supervision experience, a deficiency in understanding and recognizing the theories and practices of educational management and supervision, and inadequacies in handling supervision tasks. Through inspections and supervision, we promptly identify problems in teaching, continuously improve in subsequent work, and ensure our college's teaching quality continues to improve.

2023.6.28

School of Municipal and  
Surveying Engineering  
Teaching supervision  
Work inspection  
materials

Supervisory Group of the School of  
Municipal and Surveying Engineering 编制

January 5, 2024

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## 1.1Teaching Supervision Work Plan

**2023YearSemester**

According to the requirements of the school's teaching supervision work, to standardize the College of Municipal and Surveying Engineering teaching and management behavior, improve teaching quality, and combine the college's teaching characteristics, this semester's teaching supervision work plan is specially formulated.

### 1. Guiding Ideology

According to the "Regulations on Teaching Supervision Work of Hunan City University" and the "Implementation Measures for Teaching Quality Monitoring of Hunan City University", effective measures are taken to strengthen teaching quality supervision and management, actively exploring new ideas and methods for teaching supervision, implementing various forms, multiple links, and multi-level teaching supervision work, thereby further promoting the construction of teaching style and learning style in the college, achieving effective control over teaching quality, and promoting the overall improvement of teaching quality in the college.

### 2. Main Work Arrangements

1、Further improve the college teaching supervision management system. The college supervision team closely cooperates with the school's teaching supervision group, combining supervision with guidance.

2、Continue to implement the student teaching information officer system. Collect and organize students' reasonable opinions and suggestions on teaching and management in a timely manner, and promptly feedback to the college leadership and the school relevant departments.

3、notheld regularly the college teaching supervision work meeting, to exchange and summarize experience.

4 Hold irregular meetings for communication between teachers to promote classroom teaching reform and innovation, exploring the role of integrating ideological and political education with classroom teaching in the new era.

5. Continue to maintain the system of teaching supervision duty in the college, ensuring that supervision of teaching, teaching itself, and management are effectively implemented, and improve the level of supervision management in the college. The arrangement for the college's teaching supervision duty is as follows:

College Teaching Supervision Duty Schedule

Week	On-duty personnel
one	Chen Wen
two	He Liangyun
Three	Li Yuanping

Four	Chen Wen / He Liangyun / Li Yuanping / Xue Yun
Five	Xue Yun

6. In order to improve the teaching level of the college, the college supervision team, in conjunction with the college, organized a seminar on teaching methods (including ideological and political education in courses) for teachers of the School of Municipal and Surveying Engineering, selecting some new and experienced teachers to give lectures, with college teachers evaluating the classes and engaging in learning exchanges.

7. In order to improve the graduation design level of the college in 2023, the college supervision team, together with the college academic affairs office and the vice president in charge of teaching, will conduct random checks on the defense process to understand the progress of the graduation design of the graduating class students, and the defense results will be included in the evaluation of individual regular performance.

### 3. Specific content

#### (1) Classroom Teaching Supervision remains the focus

1、The main role of classroom teaching supervision is to provide an objective evaluation based on various aspects such as the teacher's course content design, the production of teaching materials, appearance, language expression, grasping key and difficult points, teaching methods and approaches, blackboard writing, teacher-student interaction, classroom order, and student attendance rate, to make an evaluation of the integration of ideological and political education into teachers' classroom teaching in the new era. It is important to explore and affirm the highlights of teachers, enhance their confidence and enthusiasm for teaching, while also identifying shortcomings in teaching, providing reasonable suggestions, and helping teachers improve. Cultivating the advanced and supporting the underperforming are the two main tasks of teaching supervision work.

2、The methods of classroom teaching supervision are flexible and diverse. Classroom teaching supervision focuses on both specific points and the overall picture, mainly consisting of three methods:

##### 1) Randomly attending classes

For teachers undertaking teaching tasks this semester, a random sampling method will be used to check four "key courses." Group observation of classes and evaluation, summarizing experiences.

##### 2) Targeted Listening

① New Teachers' Classes: Checking the teaching situation of newly appointed full-time teachers in the college, focusing on aspects such as the production of teaching materials, the design of teaching content, and the management of the teaching process.

②Diagnostic Listening Class: For teachers with poor evaluations from students' class, members of the supervision team participate together, objectively evaluate, identify the crux of the problem, and propose improvement suggestions.

③Courses for teachers who need to be promoted in title: Supervision Group for teachers who need to be reviewed for title in the past year, will use random classroom observation as a method for evaluation.

④Tracking Classroom Observation: Yes Teachers who have a strong reaction from students will be subject to tracking classroom observation, to identify problems, analyze causes, propose requirements, and write evaluation materials.

(2) Cooperate with the college leadership to strengthen the special inspection and supervision work of the college. This includes supervision and evaluation of the first class of the semester, supervision and evaluation of practical teaching (course design and course internship), supervision and evaluation of comprehensive graduation training, and special inspection and supervision of exam papers, etc.

(3) Student information officer teaching information feedback. Establish a system of student information officers in the college, who will receive guidance and management from the college teaching supervision team. All student information officers will carry out their work in accordance with the "Management Measures for Student Teaching Information Officers of Hunan City University." The college teaching supervision team will regularly collect and organize the feedback information from student information officers and report the feedback information and handling situation to the school's supervision team.

#### IV. Important Measures

1. In order to achieve the combination of supervision and teaching, each member of the supervision team will give a demonstration open class for the college teachers. The specific schedule, course name, and classroom location will be notified separately.

2. In order to promote the reform of classroom teaching in the entire college, the college supervisors will cultivate one or two exemplary models of classroom teaching, such as ideological courses and information-based teaching, during class observation and evaluation. This advocates for a trend of teaching reform and promotes the improvement of the college's teaching quality.

3 In order to promote the upcoming audit and evaluation work, the college supervisor discovered typical examples of standardized teaching materials during the random inspection of teaching materials, establishing a good teaching quality atmosphere and facilitating the smooth progress of the audit and evaluation.

4、 Assist new teachers in improving their teaching, enhancing their basic qualities in education, and promoting the rapid growth of young teachers. Each member of the supervision team will guide 1-2 young teachers in the

college. The specific arrangements are as follows: Teacher He Liangyun will contact and guide the new teacher Peng Zhihong; Teacher Chen Wen will contact and guide the new teachers Wang Chengguang and He Chunhui; Teacher Xue Yun will contact and guide the new teachers Xi Zhen and Liu Fenliang; Teacher Li Yuanping will contact and guide the new teachers Wang Yang and Wang An.

3. In order to promote better engagement between supervisors and students in the classroom, to understand the basic conditions, thoughts, and issues in learning that students face, each member of the supervisory team must contact at least one major. He Liangyun contacts the Surveying Engineering major; Xue Yun contacts the Geographic Information Science major; Chen Wen contacts the Architectural Environment and Energy Application Engineering major; Li Yuanping contacts the Water Supply and Drainage Science and Engineering major. At the same time, establish the information collection and evaluation work of teaching information officers for each major.

## 5. Others

Each supervisor must complete no less than 30 class hours of observation tasks.

(2) Every 4 weeks, submit a supervision summary to the supervision group. All submitted materials should provide relevant supporting materials as much as possible, including photos, videos, and other persuasive original materials.

2023.03.6

## **2023 Year Second Semester**

2023 The requirements for the teaching supervision work meeting of the school in the second semester are: "Pay attention to the training of young teachers""Innovate supervision work methods""Have high awareness, strict management, and practical measures". In order to strictly implement the spirit of the meeting, standardize the normal development of teaching supervision work in the College of Municipal and Surveying Engineering, and combine the college's own characteristics, this semester's teaching supervision work plan is specially formulated.

### **1. Guiding Ideology**

According to the "Regulations on Teaching Supervision Work of Hunan City University" and the "Implementation Measures for Teaching Quality Monitoring of Hunan City University," strengthen the supervision of the college's teaching style and academic atmosphere, the construction of teacher



ethics and style, ensure that teaching order is well-organized, standardize teaching activities, improve teachers' teaching levels, and enhance the quality of talent cultivation in the college. At the same time, actively explore new ideas and methods for teaching supervision, especially in exploring the supervision and management of ideological and political courses and educational teaching reform and innovation, achieving good breakthroughs, and promoting the college's educational and teaching level to advance to a higher level.

## **2. Main Work Arrangements**

1. Further deepen the college teaching supervision model innovation. The college supervision team closely cooperates with the school's teaching supervision group to strive for breakthroughs in "cultivating virtue and fostering talent," establishing models, and then promoting them from point to area, aiming for each department to produce 1-2 exemplary models.

2. Regularly hold the college teaching supervision work meeting. At the end of each month, a contact meeting will be held among the academic affairs, student work, and supervision departments. Issues identified in the teaching supervision work will be promptly addressed through collaboration between academic affairs and student work, while the results of the feedback will be internally digested. Major incidents will be reported, with supervision, feedback, and results implemented effectively.

3. Strengthening the Standardization of Teaching Materials. Adhering to a problem-oriented approach, in order to address the difficulties in the standardized management of teaching materials identified during inspections, the college's supervisory team will be contacted, led by the vice president in charge of teaching, along with the college supervisors and department heads, to inspect various materials of the college, including the review and archiving of exam papers, the review and archiving of graduation materials, the review and archiving of course design and practical training materials, as well as the standardization of teaching materials such as teaching syllabi, teaching calendars, and lesson plans, to address the phenomenon of teachers not paying attention to the standardization of teaching materials and to raise awareness of the importance of standardizing teaching materials.

4Supervise the revision work of the new teaching syllabus. Based on the supervision results, organize a seminar for all faculty members to discuss how to highlight the achievement of student-centered talent cultivation goals in the new teaching syllabus revision, and report the outcomes of the discussion to the school's teaching supervision team.

5Supervise the implementation of the mentoring system for young teachers. At the beginning of the term, the college supervision team will organize a research activity to understand the successful experiences and issues that need to be addressed since the implementation of the mentoring system for young teachers, truly realizing the role of the young mentoring system. At the end of the term, there will be a random check on the implementation of the mentoring system for young teachers in the college, and the results will be reported back to the college administration and submitted to the school supervision team.

6. In order to effectively promote a student-centered talent cultivation mechanism, the college supervision team will inspect the implementation of the practical ability enhancement project carried out by the college. At the same time, the college supervision team will organize research, such as exploring students' potential in various forms of practical ability enhancement, such as national and provincial surveying skill competitions conducted by Geographic Information and Surveying, and BIM competitions organized by the Building Environment and Energy Application Engineering major. Additionally, in terms of exploring teachers' potential, teachers will utilize research projects to enhance students' practical abilities.

7. Continue to maintain the system of teaching supervision duty in the college, ensuring that supervision of teaching, education, and management is implemented effectively, and enhancing the level of supervision management in the college. The teaching supervision duty in the college will rotate weekly.

College Teaching Supervision Duty Schedule

Serial number	Monday	Tuesday	Wednesday	Thursday	Friday	Remarks

01	Yan Zhihui					On Thursdays, the duty schedule rotates in order every four weeks.
02		Li Yuanpi ng				
03			Chen Wen			
04					Xue Yun	

Supervisory Group of the College of Municipal Administration and  
Surveying Engineering

2023year9month

1.2Teaching Supervision Work Inspection Log

See the paper version

1.3Assistance Plan

## First half of 2023

Assist new teachers in improving their teaching, enhancing their basic qualities in education, and promoting the rapid growth of young teachers. Each member of the supervision team will guide 1-2 young teachers in the college. The specific arrangements are as follows:

Teacher He Liangyun contacted and guided the new teacher Peng Zhihong;

Chen Wenteacher contacts and guides new teachersWang Chengguang and He Chunhui;

Xue YunThe teacher contacted and guided the new teachers Xi Zhen and Liu Fenliang;

Li YuanpingThe teacher contacted and guided the new teachers Wang Yang and Wang An.

## Second half of 2023

Assist new teachers in improving their teaching, enhancing their basic qualities in education, and promoting the rapid growth of young teachers. Each member of the supervision team will guide 1-2 young teachers in the college. The specific arrangements are as follows:

Yan Zhihuiteacher contacts and guides the new teacher Peng Zhihong, Ou Liangnan;

Chen Wenteacher contacts and guides new teachersWang Lin and He Chunhui;

Xue Yunteacher contacts and guides new teacherTang Yuran;

Li YuanpingThe teacher contacted and guided the new teachers Wang Yang and Wang An.

#### 1.4Summary of Teaching Supervision Work

### **City Measurement Institute2022-2023Second Semester of the Academic YearTeaching Supervision Work Summary**

#### 1. Main Work

Second semester of the 2022-2023 academic year,the Municipal Testing InstituteTeaching SupervisionTeam diligently fulfilled its duties and successfully completed the supervision work for the first half of the year. The details are as follows:

1. Attending classes. This semester, the supervision team attended classes 82 times, and according to the class observation regulations, provided written evaluations of each teacher's classroom teaching quality, and gave feedback and communication to the teachers after class.

2. One of the key tasks of the supervision this semester is the comprehensive training teaching segment for graduation. The supervision team conducts regular inspections of the graduation design classrooms, records student attendance, promptly addresses the lack of seriousness of individual students, and monitors the video surveillance of the graduation design classroom and all other classrooms.

3. In terms of ideological and political education in the curriculum, our college teachers actively participate in relevant training to improve their ability to construct ideological and political education in courses. Teachers Xi Wenfeng, Duan Jiao Jiao, and Zhou Zhongyu always take moral education as the fundamental task in their teaching, adhering to the close integration of professional teaching and ideological education, and guiding values from three dimensions: political identity, moral cultivation, and professional aspirations.

4. In terms of practical teaching, our college focuses on subject competitions and innovation and entrepreneurship, actively promoting the construction of a good academic atmosphere through school-enterprise cooperation. In the 2023 "Dabeibei Cup" Fourth National College Student Drone Surveying and Mapping Skills Competition, surveying and mapping engineering students He Jiasheng and Zhang Bin, under the guidance of teachers Xue Yun and Zhang Wei, achieved an excellent result by ranking first overall and won the special prize, while the school received the Excellent Organization Award. Teacher Zhang Xinqiao's team participated in the Ninth National College BIM Graduation Design Innovation Competition, Teacher

Chen Wen led a team to participate in the finals of the Fourteenth National Higher Education Student "Svir Cup" BIM-CIM Innovation Competition, and Teacher Xiang Xianan guided students to complete works for the Fifteenth "Challenge Cup" Hunan Province College Student Extracurricular Academic Science and Technology Works Competition, all of which achieved outstanding results, reflecting the students' spirit of innovation and entrepreneurship.

5. Our college is focused on helping students prepare for graduate school entrance exams, truly implementing the goal of education. Among the 367 graduates in the class of 2023, 74 successfully passed the exams, an increase of 30 compared to the class of 2022, with an acceptance rate of over 20%. The college has established a responsibility mentor system for exam preparation, led by college leaders, with departments involved and all faculty participating. The college has organized four classrooms in the city testing building specifically for self-study for the exams. A supervisory group composed of college leaders, responsible mentors, exam preparation specialists, and student leaders has been formed to regularly conduct academic atmosphere inspections. The College of Municipal and Surveying Engineering is dedicated to guiding and nurturing students, focusing on exam preparation. On June 7, the college held a "Determined to Work Hard and Achieve Success - 2023 Graduate School Entrance Exam Mobilization and Experience Sharing Meeting" in the library auditorium, and arranged four dedicated review classrooms for exam preparation students, with college leaders and supervisory group members on duty daily to create a convenient and comfortable learning environment for them.

## 2. Problems in this semester's teaching work

While affirming the achievements, the supervisory team also identified some urgent issues that need to be addressed as follows.

There are individual students smoking and littering cigarette butts in the corridors and hallways of the city measurement building, and this phenomenon persists despite repeated prohibitions.

Through sufficient communication with the information staff, students reported that there are 5 classrooms in the city testing building for large classes, and some teachers do not speak loudly even when using a microphone, making it difficult for students in the back row to hear. In some classes, students sitting in the back row are occasionally seen sleeping or playing on their phones. Some teachers have a relatively chaotic and poor classroom order, focusing only on teaching without paying attention to the students and not being strict with their requirements. Some teachers lack the ability and skills to manage various aspects of the classroom. Some teachers do not prepare lessons adequately, which is reflected in their teaching of the knowledge framework, where the key points are not highlighted enough and are often glossed over. Some teachers have a strong accent.

2. Through the self-examination and self-correction of teaching materials, it was found that some teachers' teaching materials did not integrate the ideological and political content of the course well into the syllabus, lesson plans, and PPTs. Although the educational goals of the course are reflected in the syllabus, there is still a lack of integration of ideological and political elements and materials in the actual teaching. The alignment between some course lesson plans, PPTs, and the syllabus still has room for improvement. Some exam papers were not graded according to standards, with relevant information not fully filled out, not signed, and lacking step-by-step scoring.

Starting from the end of May, many classes entered the course design teaching phase. The specialized classrooms do not have air conditioning, and the weather is hot. Additionally, the many computers lead to poor heat dissipation, making students feel stuffy and uncomfortable in the classroom, which affects their learning state and efficiency. The power strips are tangled, which can easily lead to safety accidents. The design classroom does not have a projector, making it inconvenient for teachers to explain and analyze. Sometimes there is no supervising teacher in the course design classroom, and students do not receive timely answers when they encounter difficulties.

4. The teaching competition for teachers is not active. Young teachers are not very enthusiastic about the teaching competition, and the school cannot meet the competition participation targets. Those recommended to participate in the competition are not well prepared.

### 3. Suggestions

1. Suggestions The college should strengthen guidance and constraints on the bad habits of teachers and students. Instructors should enhance classroom, examination integrity management.

Pay attention to and strengthen Mandarin training, and it is recommended that large classrooms be equipped with sound amplification devices.

2. It is recommended that teachers who still have room for improvement in their teaching level learn from award-winning teachers in teaching competitions and use teaching competitions as an opportunity to refine their basic teaching skills and improve their teaching level.

3. It is recommended to strengthen the management of new teachers. This can be done through mentorship by experienced teachers, thematic lectures, and short-term training for newly appointed teachers.

4. It is recommended to accelerate the construction of key majors and teaching teams, encouraging teachers to focus on implementing ideological and political education in their daily teaching work, which can be achieved through training, cross-disciplinary exchanges, and establishing teaching backbones.

5. It is recommended to improve the teaching incentive mechanism from an institutional level. Our school is an application-oriented university, and students are our products; teaching is our main business. We should create an institutional environment that allows teachers to be content with teaching, enjoy teaching, and excel in teaching as both their primary responsibility and a promising career.

6. It is recommended to install air conditioning in the professional design classroom, to set up overall wiring and install sockets, and to install a projector, so that students have a more comfortable and secure design environment.

This semester's teaching supervision work has achieved certain results, but there are still some shortcomings, mainly the lack of experience in teaching supervision, and a lack of understanding and knowledge of educational management and supervision theories and practices, which has led to inadequate handling of supervision work. By checking and urging, we can timely identify problems in teaching, continuously improve in subsequent work, and ensure that the teaching quality of our college continues to improve.

June 30, 202330



## **2023Annual Teaching Supervision Work Summary**

Over the past year, the Teaching Supervision Group of the School of Municipal and Surveying Engineering (hereinafter referred to as the College Supervision Group), under the direct leadership of the school's Teaching Quality Monitoring and Evaluation Center and the school's Teaching Supervision Team, and with strong support from the leadership of the School of Municipal and Surveying Engineering, has diligently fulfilled its responsibilities in accordance with the spirit of the "Regulations on Teaching Supervision Work of Hunan City University" (Xiangcheng Institute Document [2019] 32号) and has successfully completed the supervision tasks for the entire year. A brief summary is as follows:

### **1. Status of completion of teaching supervision work tasks**

## 1. Work Overview

The college teaching supervision team, in accordance with the requirements of the school's annual teaching supervision work meeting, formulated a year-round teaching supervision work plan, held a college supervision work meeting, clarified the tasks of teaching supervision, and proposed requirements and precautions for supervision work. The supervision work meeting invited relevant responsible persons from the college, academic affairs office, student affairs office, and various professional departments (rooms) to participate in the meeting. During the meeting, the work plan items were discussed, a supervision work duty roster was scheduled, and suggestions for teaching supervision work from college leaders and various departments were heard. At the end of the term, a summary meeting for the college teaching supervision work was held, providing a detailed report on the year's teaching supervision work to the college leaders and department heads. Careful attention was given to the evaluations and suggestions from various departments regarding the teaching supervision work.

## 2. Supervision workload

Over the past year, the college's teaching supervision team has focused on supervision of teaching, supervision of learning, and supervision of management, focusing on three groups of people for teaching supervision. One is to supervise and guide new and young teachers in the college; the second is to observe and evaluate classes of teachers who receive significant feedback from students; the third is to conduct class observations, evaluations, and lesson refinements for teachers involved in the construction of "golden courses" and those participating in teaching competitions. For new and young teachers, supervision is conducted through both attending classes and follow-up observations, while concentrated and focused observations are made for teachers who receive significant feedback from students, addressing the existing issues in teaching, pointing out specific shortcomings, and providing improvement methods or suggestions.

Table 1. Basic Situation of College Teaching Supervision

Serial number	Name	Job title	Department
01	Xue Yun	Teaching Education	Geographic Information Science
02	Li Yuanping	Associate Professor	Water Supply and Drainage Science and Engineering
03	Chen Wen	Associate	Building Equipment and Energy Application



		Profes sor	Engineering
04	Yan Zhihui	Lectur er	Surveying Engineering

Table 2. College Teaching Supervision Class Observation

Situation

Name	Class attendance 情况
Xue Yun	90
Li Yuanping	60
Chen Wen	60
Yan Zhihui	30

Table 3 Contact Information of College Information Staff

Name	Total
Xue Yun	31
Li Yuanping	32
Chen Wen	29
Yan Zhihui	29

## II. Special Supervision and Research Situation

In response to the various problems arising from the lack of teaching experience among the teaching staff, the teaching supervision team has carried out the following special inspections and research work.

**Self-inspection and self-correction of teaching materials.** On Thursday afternoon of the 6th week (March 23, 2023), the Municipal Testing Institute conducted self-inspection and self-correction of teaching materials within the institute. Secretary Rao Ying, Dean Li Yongshuo and Dean Xiang Xinan led the institute's supervisors, department heads, and newly hired teachers in the past three years to check the teaching materials submitted by all teachers at the institute's academic affairs office. The teaching inspection materials include the teaching calendar, syllabus, lesson plans, PPTs, and final exam papers from the entire year of 2022 to the present. Vice Dean of Teaching Xiang Xinan announced the "Relevant Documents for the Periodic Summary of Teaching Work," which includes the syllabus, teaching calendar, lesson plan examples, feedback on teaching inspections, and the periodic summary of the college's teaching work. Through the self-inspection and self-correction work, teachers are effectively urged to identify and address gaps, improve teaching materials, enhance teaching quality, and prepare for the 2024 undergraduate teaching evaluation.



**2. Graduation Comprehensive Training Mid-term Special Inspection.** In the 9th week, each major conducted a mid-term inspection of the graduation design (thesis). Before April 14, each major organized teachers to complete a self-inspection of the mid-term graduation comprehensive training and submit a list of students who are lagging behind in their graduation comprehensive training, which should be no less than 10% of the number of students participating in the graduation comprehensive training for that major. The college will organize mid-term defenses for students who are lagging behind to determine whether they are at risk of not being able to complete the graduation comprehensive training smoothly. Parents of students who may not be able to complete the graduation comprehensive training smoothly will be notified to jointly supervise their learning. The college-level inspection will be conducted by a college-level inspection team composed of two teachers selected from each major.

**3. Comprehensive training special inspection for graduation.** Comprehensive training special inspection for graduation involves multiple stages including topic selection, proposal, mid-term inspection, comprehensive defense of graduation design, student attendance rate, advisor participation rate, and monthly checks of the comprehensive training for graduation design. Two qualification reviews are conducted before the graduation design defense, which greatly enhances the quality of the comprehensive training for graduation design. Particularly, the management of the comprehensive training process has significantly strengthened students' initiative in their graduation design. Although the college supervision team faced unprecedented pressure, the results were still positive and encouraging.

**4. TeachingWork SpecialInspection.**In accordance with the requirements for the review of undergraduate education and teaching, the college organized an internal teaching inspection, with a team composed of the leadership team, the supervision group, department heads, and party branch secretaries, divided into two groups. The inspection content includes: (1) the teaching syllabus, teaching calendar, lesson plans, and teaching materials for all courses undertaken by the Municipal Measurement Institute in the latest talent training program for each major; (2) course assessment materials, comprehensive graduation training, and internship files from the last three years (2020-2021 academic year, 2021-2022 academic year, 2022-2023 academic year). Each group will record the issues identified during the inspection and the individuals involved. Many issues were found during the inspection, and the vice dean of teaching summarized the results and notified the heads of each teaching and research office. Each teacher will actively rectify the issues identified in the inspection, and the college will continue to follow up on the rectification situation.



### 1、老师个人教学材料方面问题汇总

#### 1、教学大纲

- 1) 未按模板排版，格式不统一，包括字体、行距等。也有整体不美观的情况。
- 2) 缺少“六 课程思政设计” 这个大标题。
- 3) 有的根本没有思政内容。

#### 2、教学日历

- 1) 未按模板，每一页都应该有表头，但前面页不应该有表尾。表格最后应该有合计；且还需有考核方式、成绩构成、平时成绩组成等内容。
- 2) 多次教学内容雷同，且过于简单，依具体情况至少精确到2级标题。

#### 3、教案

### 3、实践教学材料方面（毕业设计）

1. 封面字体不对，应为楷体；
2. 部分表格中的“（论文）”未按要求删除；
3. 题目名称在各个表格（如任务书、开题报告、中期检查表、成绩评定表、图纸等）中写法各异，前后不一致；
4. 教师指导评阅没有评语只有签字；
5. 缺学院和学术委员会意见和盖章。
1. 部分表格中的“（论文）”未按要求删除；
2. 部分参考文献格式欠规范。
1. 任务书格式不对，应与正文统一为中文宋体和新罗马体；
2. 开题报告部分段落复制粘贴痕迹明显，格式未调统一；
3. 生活饮用水卫生标准仍使用2006版，未使用2022版；
4. 答辩申请表没有评语只有签字；
5. 部分表格中的“（论文）”未按要求删除。

## Third, student information officers actively participate in promoting the construction of the academic atmosphere in the college

A mechanism for interconnection and communication among college information officers has been established, and supervisors have strengthened their contact with student information officers to timely understand the teaching and learning situation and accurately grasp the teaching and learning conditions.

The above measures have achieved good results. There is a phenomenon among students where the learning atmosphere is not very strong and their motivation to study is lacking. Some students occasionally do not pay

attention in class, chat, or engage in small distractions, but the attendance situation in some classes has completely improved. The college supervision team has set stricter requirements for teachers, not only to prepare and deliver good lessons but also to organize classroom discipline as an important factor in assessing their teaching level. Additionally, they require counselors to strengthen the ideological education and management of students' daily behavior, asking students to enter the classroom 5 minutes before class. Currently, a large number of students, while recognizing the importance of strict teaching management, have begun to consciously abide by school rules and regulations, and the learning atmosphere has noticeably improved.

#### **Fourth, the college teaching supervision leads by example in teaching style**

The teaching supervisor introduced their teaching experience through a public demonstration class. By focusing on specific points, they achieved good results. The public demonstration class not only promoted the supervisor's own progress; teaching a class is more effective than just listening to one. Only by personally teaching the course can one truly understand the teaching materials and become familiar with the content of the course. As a supervisor, one will actively study the principles of education and teaching. While attending classes, teachers also absorb others' experiences, which contributes to their own improvement.

#### **5. The effectiveness of teaching supervision is evident**

From the perspective of the entire process of teaching supervision, the vast majority of teachers do not reject the presence of teaching supervisors in the classroom to observe lessons. They welcome teaching supervisors to provide them with more feedback and suggestions, identify their shortcomings and gaps, and offer recommendations for improvement. Some teachers have requested that teaching supervisors guide them more often to help them improve and enhance their teaching. Based on the observation and evaluation of over a hundred classes, it is evident that most teachers are passionate about their teaching work, carefully prepare teaching materials, continuously learn and update their knowledge, frequently search for teaching aids, and always pay attention to incorporating new teaching content. They actively explore the cutting edge of their subjects. In classroom teaching, the vast majority of teachers pay great attention to their appearance, their posture at the podium, and their classroom monitoring. They can use tools like PPT and small bees to assist in teaching, choose a combination of PPT and blackboard writing as their teaching method, and organize their teaching in a problem-oriented manner using cases, questions, and prompts to clarify teaching focuses and difficulties. They actively cooperate with the issues raised by teaching supervisors, continuously clarify the structure of their lectures, and ensure that classroom teaching achieves good results.

In terms of teaching arrangements, the college places great importance on classroom teaching. For some foundational and core professional courses, teachers with high professional titles and rich teaching experience are assigned to teach, and during the teaching process of relevant courses, some new teaching and research reform results have been tried, such as Teacher Xiannan's "Rain Classroom" and Teacher Zhang Wei's "Wisdom Tree" classroom teaching, which have achieved very good results in provincial competitions and other events.

In summary, the teaching supervision team of the School of Municipal and Surveying Engineering has achieved good results in the process of teaching supervision. Most teachers are able to maintain a good and calm mindset, correctly addressing the criticisms and suggestions made by each supervisor, and accepting them with humility. They modify their practices where there are suggestions and strive to improve where there are none. As supervisors, they are also able to be pragmatic and targeted, providing thorough evaluations and scores for the classes. It has been proven that some teachers have improved their teaching levels to varying degrees after accepting the suggestions from the supervision team.

#### **Six, the direction of effort.**

**1. Strengthening the supervision of moral education.** Although the school advocates a teacher-centered approach in teaching activities, the shift from a teacher-centered to a student-centered philosophy, emphasizing the achievement of teaching goals and enhancing students' learning interest, is still a challenging task. The actual changes are minimal, and it is necessary for the decision-making center to start from the preparation of basic teaching.

**2. Strengthen the supervision of ideological and political education in the curriculum.** The school's advocated full coverage of ideological and political education in the curriculum is currently still at the stage of checking and preparing teaching materials. The integration of ideological and political elements into actual classroom teaching has not truly penetrated the teaching actions of teachers, and effective measures need to be taken to strengthen this further.

**3. Strengthening the supervision of classroom management.** Issues with student attention during class. Students find it difficult to concentrate, with a few sleeping, taking few notes, and some chatting during class. Teachers should pay attention and cannot remain indifferent as if it has nothing to do with them. They should actively regulate the classroom atmosphere, focusing on the teaching of the teacher and the learning of the students. Introducing ideological and political education into the curriculum aims to enhance students' interest in learning and thus improve the quality of their education. One aspect of a teacher's teaching activities is instruction, while the other is guidance, which is essentially ideological and political education integrated into the classroom.

1.5List of Teaching Supervisors

First half of 2023

He Liangyun, Xue Yun, Li Yuanping, Chen Wen

Second half of 2023

Yan Zhihui, Xue Yun, Li Yuanping, Chen Wen

2.1SupervisionImplementationDemonstration Open Class andContact Class System Situation

Name	Open class	Contact class
Xue Yun	November 30, 2023, Thursday of the 13th week, Section 34, Classroom 405, Class 2102603, Photogrammetry	2202501, 2102402, 2002402
Chen Wen	December 13, 2023, Week 15, City Testing Building 509, Wednesday, 34th class, Building Water Supply and Drainage, Environmental Engineering Class 2102301, 48 people	2102301~301 2202301~302 2002301
Yan Zhihui	October 13, 2023, Friday of the 6th week, Section 3.4, Building 2, Room 202, Class 2102603, Fundamentals of Geodesy	2002601, 2002602, 2102601, 2102602
Li Yuanping	October 12, 2023, Thursday, 6th week, 3rd and 4th periods, Municipal Measurement Building 513, Class 2202201, Hydraulics	2302201, 2202201, 2102201

湖南城市学院课堂教学检查听课表

开课单位: 水利学院 课程名称: 城市供水工程 课程类别: ☒ 基础课 ☐ 专业基础课 ☐ 专业课

授课教师: 陈文 年龄: ☐ 40 以上 ☒ 40 以下 ☐ 青年

授课班级: 2102301 职称: ☐ 教授 ☒ 副教授 ☐ 讲师 ☐ 助教

听课总印象: ☒ A ☐ B ☐ C ☐ D 学生听课情况: 应到 50 人, 实到 50 人

评价项目	A	B	C	D
1 教学态度	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.1 课堂质量	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.2 教师仪表风范	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 教学内容	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.1 信息量	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.2 熟练度	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.3 逻辑性	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.4 重点与难点	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 教学方法	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.1 适宜性	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.2 创新性	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 教学基本功	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.1 课堂组织	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.2 语言表述与逻辑性	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.3 教学手段运用	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 教学效果	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.1 课堂感染力	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.2 师生互动	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.3 学生获得感	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6 教书育人	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.1 思政教育	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.2 创新创业教育	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

对课堂教学的具体意见和建议:

1. 增加工程实例讲解, 对参数的选取进行更直观的讲解和说明, 帮助学生对重要参数在不同情况下的选取方法。

2. 增加与专业相关的应用案例。

听课时间: 2023 年 12 月 15 日, 第 15 周, 星期 三, 第 2 节

听课地点: 水利学院 同时参与听课人员: 陈文, 李元平

教学内容记录

第 6 章 建筑屋面雨水排水系统

6.3 雨水排水系统水力计算

6.3.1 雨水管计算

1. 设计雨水流量  $Q = 10.74 (1.49 + 0.0149 Q_p^2)^{0.75}$   $4.5 \text{ m}^3/\text{s}$ , 历时 30min

2. 汇水面积  $F$

① 屋面,  $400 \text{ m}^2$ , 一级坡度, 雨水管坡度设计:

② 大风大雨 高出屋面 100mm, 附加最大汇水面积 1000  $\text{m}^2$  并作为附加汇水面积

③ 雨水管坡度, 雨水管坡度 1:100, 主。

3. 雨水量计算  $Q = \frac{Q_p}{1000} \text{ m}^3/\text{s}$   $4.5 \dots$

6.3.2 雨水管水力计算

1. 雨水管水力计算  $Q = 0.0001 \sqrt{H} \text{ m}^3/\text{s}$  (管径 100mm)

$Q = \frac{0.0001}{4} \sqrt{H} \text{ m}^3/\text{s}$  (管径 100mm, 坡度 1%)

2. 雨水管水力计算  $Q = \frac{0.0001}{4} \sqrt{H} \text{ m}^3/\text{s}$   $Q = 0.0001 \sqrt{H} \text{ m}^3/\text{s}$  (管径 100mm)

3. 雨水管水力计算  $Q = 0.0001 \sqrt{H} \text{ m}^3/\text{s}$   $Q = 0.0001 \sqrt{H} \text{ m}^3/\text{s}$  (管径 100mm)

4. 雨水管水力计算  $Q = 0.0001 \sqrt{H} \text{ m}^3/\text{s}$   $Q = 0.0001 \sqrt{H} \text{ m}^3/\text{s}$  (管径 100mm)



听课时间: 2023 年 11 月 30 日, 第 13 周, 星期四, 第 3.4 节  
听课地点: 2-405 同时参与听课人员: 陈文, 郭志辉

$\begin{array}{c} \text{ } \\ \text{ } \end{array} \rightarrow x$

1. *Journal of the American Medical Association*, 1997; 277: 1039-1044.

1. 原形  $n = \frac{0.02}{0.01} = 2$  个  $\pi$  键

听课时间: 2020 年 10 月 12 日, 第 6 周, 星期 10, 第 3 节

[illegible]

湖南城市学院课堂教学听课记录表

听课教师：王林 听课日期：2023年11月11日 第5周 第3节  
 授课教师：王林 授课科目：《电路原理》 授课班级：2023级电气工程及其自动化专业  
 听课地点：C204 听课时间：14:00-15:00

序号	项目	A	B	C	D
1	教学目标	✓	✓	✓	✓
2	教学内容	✓	✓	✓	✓
3	教学方法	✓	✓	✓	✓
4	教学基本功	✓	✓	✓	✓
5	教学效果	✓	✓	✓	✓
6	教学特色	✓	✓	✓	✓

听课教师评价：王林老师授课思路清晰，重点突出，教学方法多样，教学效果良好。建议：可适当增加学生互动环节，提高课堂参与度。

听课人：王林

听课记录

王林老师授课思路清晰，重点突出，教学方法多样，教学效果良好。建议：可适当增加学生互动环节，提高课堂参与度。

听课人：王林

湖南城市学院课堂教学听课记录表

听课教师：王林 听课日期：2023年11月11日 第6周 第5节  
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4	教学基本功	✓	✓	✓	✓
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听课人：王林

## 2.2 Effectiveness of Supervision and Assistance Work

For the new teachers participating in the mentor system, Tang Yuran, Ou Liangnan, and Wang Lin, the supervision team, in accordance with the requirements of the supervision work regulations, identified the above three teachers as key support targets. They conducted in-depth classroom observations and evaluations, as well as urged the teaching and research office to assist in refining their lessons. After several weeks of classroom observation, communication, and guidance, the new teachers showed significant improvement in their initial lack of confidence, insufficient highlights in their courses, and limited interaction with students. The members of the supervision team unanimously agreed that Teacher Tang Yuran made considerable progress but still needs to further enhance her teaching abilities and level. Teacher Ou Liangnan made significant advancements in basic teaching skills and classroom management, particularly focusing on the ideological and political education design of the curriculum, achieving good teaching results, and stood out in the "Top 30 Teaching" competition at the college level, advancing to the university level. Teacher Wang Lin was already a professor-level senior engineer before joining our school, and his rich engineering practical experience captivates students in the classroom. His public account "Old Wang Talks Electrical Engineering" has tens of thousands of followers. The members of the supervision team unanimously agreed that Teacher Wang Lin has solid basic teaching skills and strong ability to grasp the rhythm of the course. They suggested that he leverage his large audience as a foundation, aim for provincial and national first-class courses, and strengthen the course construction of "Electrical and Electronic Engineering," with the potential to achieve new breakthroughs in teaching.





市测院督导群 (7)

地球科学概论	10-17 周	周一, 56 节	市测楼 5
电工电子学	10-12 周, 14-18 周	周二, 12 节	管理楼 3
		周三, 78 节	管理楼 3
		周五, 34 节	2 教 503

这是新进教师的课表, 请各位督导, 抽时间多听课, 帮助新进教师尽快提升教学水平。



On December 4th, the 56th session was held in Room 509 of the City Measurement Building, where Xue Yun and Yan Zhihui listened to the new teacher Tang Yuran lecture on "Introduction to Earth Sciences." After the class, they conducted a review of the lesson, pointing out the problems in classroom teaching and directions for improvement.

市测院督导群 (7)

今天第三节, 去听下王林老师的课。管理楼 306, 请有时间的督导参加

The organization listened to the class of new teacher Wang Lin and conducted an on-site evaluation.

### 3.1 Supervision of classroom observation should be problem-oriented, with clear goals and key points

This period had a total of 140 classes attended, among which Xue Yun attended 50 classes, and the remaining supervisors attended 30 classes. At the beginning of the term, based on the teaching schedule, a work plan for supervising classes was developed, focusing on **supporting new teachers to improve their teaching, enhance their basic qualities in education, and promote the rapid growth of young teachers.** For the supported teachers, lessons were repeatedly refined to help them quickly improve their teaching level. Finally, a summary table of the supervision and evaluation of classes was formed:

Instructor	Course Name	Supervisor's name	Evaluation level	Brief evaluation and improvement suggestions
Duan Jiao Jiao	Introduction to Environmental Engineering	Chen Wen	Excellent	Work is serious, the courseware design is exquisite, the content is comprehensive, and the explanation is clear
He Chunhui	Electrical and Electronic Engineering	Chen Wen	Good	The explanation is detailed, focuses on guidance, and encourages students to apply what they have learned
Kuai Daqiu	Engineering Thermodynamics	Chen Wen	Good	Work is serious, meticulous, patient, and has a good response
Li Yuanping	General Chemistry	Chen Wen	Excellent	Work is serious, the courseware design is exquisite, the content is comprehensive, and the explanation is clear
Peng Ting	Building Environment Science	Chen Wen	Excellent	Work is serious, classroom organization is good, content is comprehensive, and explanations are clear
Sun Liang	Building electrical	Chen Wen	Good	Detailed explanation, focusing on guidance, encouraging students to apply what they learn

Tian Liu	Fluid distribution pipeline network	Chen Wen	Good	Clear logic, good classroom organization, and good interaction with students
Wang Chenggu ang	Construction equipment	Chen Wen	Good	The PPT effect is good, the explanation is thorough, and the interaction with students is good
Xiang Xinan	Principles and Equipment of Thermal Energy Exchange	Chen Wen	Good	Work is serious, the courseware design is exquisite, the content is comprehensive, and the explanation is clear
Zhang Xinqiao	Introduction to Architecture	Chen Wen	Good	Work seriously, content is comprehensive, and explanations are clear
Chen Wen	Building Water Supply and Drainage Engineering	Li Yuanpi ng	Good	It is better to impart engineering experience to students through case teaching, and the response has been quite good
Chi Nianpin g	Water supply and drainage pipe network system (1)	Li Yuanpi ng	Good	Clear logic, good classroom organization, and good interaction with students
Deng Jie	Building Water Supply and Drainage Engineering	Li Yuanpi ng	Good	The PPT effect is good, the explanation is in place, and the students have a strong interest in learning
Li Hao	Basic Computer Applications in Water Supply and Drainage Engineering	Li Yuanpi ng	Good	Detailed explanation, focusing on guidance, encouraging students to apply what they learn
Jiang Haiyan	Water Treatment Biology	Li Yuanpi ng	Good	The lesson preparation is relatively sufficient, the explanation is quite thorough, and classroom management is relatively good
Sheng Jianwu	Physical Chemistry	Li Yuanpi ng	Good	The lesson preparation is thorough, the demonstration of the calculation process

				for key example problems is clear, and the interaction is good
Shu Jinkai	Interpretation and Application of Water Supply and Drainage Design Standards	Li Yuanping	Good	The sound is relatively loud, the standard interpretation is quite accurate, but further improvement is needed in terms of engineering applications
Wang Aihe	Building Water Supply and Drainage Engineering	Li Yuanping	Good	The lesson preparation is solid, the explanations are quite thorough, and the integration of ideological and political education into the course is quite natural
Wang Caiwen	Water supply and drainage pipe network system (1)	Li Yuanping	Excellent	The voice is loud and powerful, the lectures are impressive, the engineering experience is rich and can be well imparted to students, and the response is enthusiastic
Wang Yang	Interpretation and Application of Water Supply and Drainage Design Standards	Li Yuanping	Good	The lesson preparation is solid, the explanation is orderly, but further improvement is needed in the area of engineering applications
Yan Hengzhen	Water supply and drainage pipe network system (2)	Li Yuanping	Good	Attitude is serious, patient and meticulous, with good interaction
Zhang Chun	Water supply and drainage pipe network system (2)	Li Yuanping	Good	Rich teaching experience, charismatic, and the ideological and political education in the curriculum needs further enrichment
Zhou Jun	Introduction to Water Supply and Drainage Science and Engineering	Li Yuanping	Good	Well-prepared, with clear explanations and a certain level of interaction with the students

Liu Fenliang	Introduction to Earth Science	Xue Yun	Good	Serious work, solid lesson preparation, and good feedback
Longyuehong	Introduction to Geospatial Information Engineering	Xue Yun	Good	Serious work, solid lesson preparation, clear explanations, and good feedback
Tang Miao	Object-Oriented Programming Design	Xue Yun	Good	Serious work, clear explanations in class, and good feedback
Xi Wenfeng	Data structure	Xue Yun	Good	Work is serious, meticulous, patient, and has a good response
Xiong Liwei	Data structure	Xue Yun	Excellent	Serious work, loud voice in class, and good feedback
Yan Zhihui	Fundamentals of Geodesy	Xue Yun	Good	Serious work, clear thinking, thorough explanation, good feedback
Zhang Wei	Principles and Applications of Remote Sensing	Xue Yun	Excellent	Serious work, enthusiastic, skilled, and received well
Zhou Qingshan	CAD drawing	Yan Zhihui	Good	Familiar with the course content and able to teach using surveying and mapping software.
Cao Yuanzhi	Case Analysis and Interpretation of Engineering Surveying	Yan Zhihui	Excellent	Explain the measurement technology specifications in conjunction with surveying engineering cases.
Gong Xinmiao	Engineering Surveying	Yan Zhihui	Good	The content is detailed and can reasonably select the key points of the course based on professional characteristics.
Huang Changjun	Principles and Applications of GNSS	Yan Zhihui	Excellent	Effectively combine professional frontiers and focus on cultivating students' practical abilities.
Nie Zhiping	Principles and Applications of	Yan Zhihui	Good	Better integrate theory with practice.

	GNSS			
Ouyang Nan	Professional English	Yan Zhihui	Good	Preparation is sufficient, but the basic teaching skills need to be strengthened.
Peng Zhihong	Computer Graphics	Yan Zhihui	Good	The introduction of basic principles and methods is relatively clear, and interaction between teachers and students should be strengthened.
Tang Zhengqi	Engineering Surveying	Yan Zhihui	Good	The introduction to basic theories and methods is detailed and clear.
Wang Ping	Engineering Surveying A	Yan Zhihui	Good	Familiar with the content and solid basic teaching skills.
Xiao Qinqin	Principles and Applications of GNSS	Yan Zhihui	Good	Well-prepared and detailed content.
Xue Yun	Photogrammetry	Yan Zhihui	Good	Solidify students' basic theories and concepts, effectively combining new technologies and new methods.
Yang Yafu	Digital Image Processing	Yan Zhihui	Good	Effective integration with surveying professional courses can facilitate effective teaching in conjunction with professional courses.
Zhou Qingshan	Digital Terrain Surveying	Yan Zhihui	Good	Can combine new technologies and new methods for teaching.
Zhou Xindi	Engineering Surveying	Yan Zhihui	Good	Emphasize engineering awareness and focus on the cultivation of application abilities.
Zhou Zhongyu	Real estate measurement	Yan Zhihui	Good	Focus on students' awareness of standards and conduct lessons in conjunction with actual engineering.

### 3.2Supervisory Group Class Observation Record

See paper document

### 3.3 Issues identified by the supervision regarding teaching management, teaching ability, and teaching quality

Instructor	Course Name	Identify and collect issues and improvement suggestions
Duan Jiao Jiao	Introduction to Environmental Engineering	Work is serious, the courseware design is exquisite, the content is comprehensive, and the explanation is clear
He Chunhui	Electrical and Electronic Engineering	The explanation is detailed, focusing on guidance and encouraging students to apply what they learn, the first page of the calendar should not have a footer. The integration of ideological and political education in the PPT and lesson plan is not obvious, classroom management needs to be strengthened.
Kuai Daqiu	Engineering Thermodynamics	Serious, meticulous, and patient in work, with a good response, The ideological content of the lesson plan is not obvious. The calendar table is not displayed completely.
Li Yuanping	General Chemistry	Serious work, exquisite courseware design, comprehensive content, clear explanations, appropriate detail, and good classroom organization. PPT ideological content is not reflected enough.
Peng Ting	Building Environment Science	Work is serious, classroom organization is good, content is comprehensive, and explanations are clear
Sun Liang	Building electrical	Detailed explanation, focusing on guidance, encouraging students to apply what they learn
Tian Liu	Fluid distribution pipeline network	Clear logic, good classroom organization, and good interaction with students
Wang Chengguang	Construction equipment	The PPT effect is good, the explanation is in place, and the interaction with students is good, but classroom management needs to be strengthened

Xiang Xinan	Principles and Equipment of Thermal Energy Exchange	Work is serious, the courseware design is exquisite, the content is comprehensive, and the explanation is clear
Zhang Xinqiao	Introduction to Architecture	Work seriously, content is comprehensive, and explanations are clear
Chen Wen	Building Water Supply and Drainage Engineering	It is better to impart engineering experience to students through case teaching, and the response has been quite good
Chi Nianping	Water supply and drainage pipe network system (1)	Clear logic, good classroom organization, and good interaction with students
Deng Jie	Building Water Supply and Drainage Engineering	The PPT effect is good, the explanation is in place, and the students have a strong interest in learning. PPT ideological and political content is not sufficient.
Li Hao	Basic Computer Applications in Water Supply and Drainage Engineering	The explanation is detailed, focusing on guidance and encouraging students to apply what they learn. The syllabus needs to use a template, and the line spacing and tables are not correct.
Jiang Haiyan	Water Treatment Biology	The lesson preparation is relatively sufficient, the explanation is quite thorough, and classroom management is relatively good
Sheng Jianwu	Physical Chemistry	Preparation is sufficient, and the demonstration of the calculation process for key example problems is clear, with good interaction. The lesson plan does not use 2 class hours as a unit.
Shu Jinkai	Interpretation and Application of Water Supply and Drainage	The voice is relatively loud, and the standard interpretation is quite accurate, but further improvement is needed in terms of engineering applications. Calendar content needs to be



	Design Standards	refined; the content cannot be the same for several classes..
Wang Aihe	Building Water Supply and Drainage Engineering	The lesson preparation is solid, the explanations are quite thorough, and the integration of ideological and political education into the course is quite natural
Wang Caiwen	Water supply and drainage pipe network system (1)	The voice is loud, the lectures are powerful, the engineering experience is rich and can be well imparted to students, receiving enthusiastic feedback.PPT ideological content is not sufficient.
Wang Yang	Interpretation and Application of Water Supply and Drainage Design Standards	The lesson preparation is solid, and the explanations are orderly, but further improvement is needed in the area of engineering applications.The PPT background is completely blue, with a dark color, which likely affects the display quality.
Yan Hengzhen	Water supply and drainage pipe network system (2)	Serious attitude, patient and meticulous, with good interaction,each page of the teaching calendar must have a header.
Zhang Chun	Water supply and drainage pipe network system (2)	Rich in teaching experience and charismatic, the ideological and political education in the curriculum needs further enrichment,the reflection of ideological and political education in the PPT and lesson plans is insufficient.
Zhou Jun	Introduction to Water Supply and Drainage Science and Engineering	Well prepared, with clear explanations and a certain level of interaction with the students.The format of the teaching syllabus is not standardized and needs to follow the template.
Liu Fenliang	Introduction to Earth Science	Serious work, solid lesson preparation, and good feedback, PPTInsufficient reflection of ideological and political education in the course;Lesson planInsufficient depth of integration of

		ideological and political elements;The syllabus is not a new template; course management needs to be strengthened.
Longyuehong	Introduction to Geospatial Information Engineering	Serious work, solid lesson preparation, clear explanations, and good feedback, lesson planthe integration of ideological and political elements is not deep enough.
Tang Miao	Object-Oriented Programming Design	Serious work, clear explanations in class, and good feedback. The ideological aspects of the course are somewhat vague and need to be refined and integrated into the knowledge of each chapter point, reflected in the specific course content.
Xi Wenfeng	Data structure	Serious, meticulous, and patient work, with a good response, PPTInsufficient reflection of ideological and political education in the course.
Xiong Liwei	Data structure	Serious work, loud voice in class, good response, PPTInsufficient reflection of ideological and political education in the course.
Yan Zhihui	Fundamentals of Geodesy	Serious work, clear thinking, thorough explanation, good feedback, lesson planIntegration of ideological and political elements is not deep enough.
Zhang Wei	Principles and Applications of Remote Sensing	Serious, enthusiastic, skilled, and well-received; the teaching calendar time has not reached the holiday; PPTInsufficient reflection of ideological and political education in the course. There are separate cases of ideological and political education, but they were not included in the PPT.
Zhou Qingshan	CAD drawing	Familiar with the course content and able to teach using surveying and mapping software.
Cao Yuanzhi	Case Analysis and Interpretation	Explain the measurement technology specifications in conjunction with surveying engineering cases.

	of Engineering Surveying	
Gong Xinmiao	Engineering Surveying	The content is detailed and can reasonably select the key points of the course based on professional characteristics.
Huang Changjun	Principles and Applications of GNSS	Effectively combine cutting-edge expertise and focus on cultivating students' practical abilities. The ideological and political education in the course is insufficient. The teaching calendar and syllabus template have not been revised.
Nie Zhiping	Principles and Applications of GNSS	Better integrate theory with practice. PPTThe ideological and political education in the course is insufficiently reflected. The teaching calendar and syllabus template have not been changed.
Ouyang Nan	Professional English	Preparation is sufficient, but the basic teaching skills need to be strengthened. PPTThe integration of ideological and political education in the curriculum is insufficient. Classroom management needs to be strengthened.
Peng Zhihong	Computer Graphics	The introduction of basic principles and methods is relatively clear, and interaction between teachers and students should be strengthened. PPTThe embodiment of ideological and political education in the course is insufficient. Classroom management needs to be strengthened.
Tang Zhengqi	Engineering Surveying	The introduction to basic theories and methods is detailed and clear. The teaching calendar and syllabus template have not been changed.
Wang Ping	Engineering Surveying A	Familiar with the content and solid basic teaching skills. The teaching calendar and syllabus template have not been changed.

Xiao Qinqin	Principles and Applications of GNSS	Well-prepared and detailed content.
Xue Yun	Photogrammetry	Solid understanding of basic theories and concepts for students, effectively integrating new technologies and methods. PPTThe reflection of ideological and political education in the course is insufficient.
Yang Yafu	Digital Image Processing	Effective integration with surveying professional courses can facilitate effective teaching of professional courses. PPTThe reflection of ideological and political education in the course is insufficient.
Zhou Qingshan	Digital Terrain Surveying	Can combine new technologies and methods for teaching. PPTThe ideological and political education in the course is not sufficient.
Zhou Xindi	Engineering Surveying	Emphasize engineering awareness and focus on the cultivation of application abilities.
Zhou Zhongyu	Real estate measurement	Focus on students' awareness of standards and conduct lessons in conjunction with actual engineering.

### 3.4Rectification of teaching issues

1.The college supervisors promptly reported the poor classroom teaching phenomena discovered during the school supervision inspection to the college leadership.The college leadership actively addressed the issues raised by teachers and students, not only reminding teachers multiple timesto urge studentsto close doors and turn off lightsafter classand clean up, but also, after discovering the unbearable heat in the professional design classroom due to the large number of students' computers and power strips, as well as the hot weather, applied to the school for air conditioning installation, which was resolved promptly, creating a relatively comfortable teaching environment for teachers and students, earning unanimous praise from everyone. At the same time, the new revised "Management Measures for Teaching Supervision Work of the College of Municipal and Surveying Engineering" was announced in the college work groupand the supervision group by Vice Dean Xia Nan. The strong support from the college leadership for the supervision work is a powerful guarantee for the orderly and high-quality development of the college's supervision work.



2. Weeks 1-4, there are still occasional students smoking and littering cigarette butts in the corridors and stairways of the fourth and fifth floors. This phenomenon has persisted despite repeated prohibitions. It is recommended that teachers strengthen guidance and restrictions when they notice this during breaks, and it is also suggested that teachers and students actively learn the "Campus Smoking Control Initiative," starting with ourselves and starting now, to stay away from tobacco and contribute to creating a safe, clean, fresh, and comfortable smoke-free campus.

3. Weeks 1-4, some students sitting in the back row of individual classes have been observed sleeping and playing on their phones. It is recommended that the subject teachers strengthen classroom management. There has been some improvement since then.

Four, weeks 5-9, in preparation for the national health review, the entire hospital conducted a thorough cleaning. Student volunteers cleaned the classrooms, corridors, and stairs of the city measurement building to make them tidy and hygienic. However, some students still do not fully understand this and violate the relevant regulations on campus smoking control, as well as littering cigarette butts. It is recommended to strengthen education and guidance.

Five, weeks 5-9, it was found during the inspection of the teaching and research office activity records that the implementation of "three strengths and five transformations" is basically in place, but there is still insufficient progress in the areas of teacher teaching ability enhancement activities (lesson preparation) and the discussion and modification of the teaching syllabus. It is recommended to strengthen these two aspects in future teaching and research office activities.

On November 23, 2023, in the afternoon of weeks 10-13, a college supervision work meeting was held in Room 320 of the Municipal Measurement Building, attended by all supervisors from the college. Supervisor Xue Yun organized a study of "Recent Issues in the Supervision Work of Secondary Colleges" and "Assessment Methods for the Teaching Supervision Team of Secondary Colleges." During the meeting, all supervisors actively spoke up, offering suggestions and ideas to improve the college supervision work.



Some course design classroom duty teachers are only in the classroom during roll call, and students cannot find anyone to answer their questions. Supervision has been strengthened, requiring duty teachers to be on duty during their shifts.

Eight, through sufficient communication with the information staff, students reported that there are 5 classrooms in the city measurement building that hold large classes, and some teachers do not speak loudly even when using a microphone, making it difficult for students in the back to hear. In some classes, students sitting in the back occasionally sleep or play on their phones. The classroom order of some teachers is relatively chaotic and poor; they focus solely on teaching without paying attention to the students and are not strict with their requirements. Some teachers lack the ability and skills to manage various aspects of the classroom. A few teachers do not prepare adequately for their lessons, which is reflected in the framework of the knowledge system they teach, where the key points are not emphasized enough and are often glossed over. Some teachers have a strong accent.

Nine, through the self-examination and self-correction of teaching materials, it was found that in some teachers' teaching materials, the ideological and political content of the courses was not well integrated into the teaching syllabus, lesson plans, and PPTs. Although the educational goals of the courses are reflected in the syllabus, there is still a lack of integration of ideological and political elements and materials in the actual teaching. The alignment between some course lesson plans, PPTs, and teaching syllabi still has room for improvement. Some exam papers were not graded according to standards, with relevant information not fully filled out, not signed, and lacking step-by-step scoring.

Ten, summer, many classes have entered the course design teaching phase. The specialized classrooms do not have air conditioning, the weather is hot, and with many computers generating heat, students feel stuffy and uncomfortable in the classroom, which affects their learning state and efficiency. The power strips are tangled, which can easily lead to safety accidents. The design classroom does not have a projector, making it inconvenient for teachers to explain and analyze. Sometimes there is no supervising teacher in the course design classroom, and students cannot get timely answers when they encounter difficulties. Currently, the college has invested funds, and the design classroom has been rewired.

#### 4.1 Self-Inspection and Rectification of the Exam Paper

2002401 Principles and Applications of GPS for the First Semester of 2022-2023

The course name is filled in incorrectly in the grading record

2102602 Principles and Methods of Digital Mapping for the First Semester of 2022-2023

The absentee in the examination supervision record should fill in their student ID and name

The distribution of scores is unreasonable and does not follow a normal distribution; attention should be paid in the next exam

The criteria for assessing regular performance need to be strengthened, and regular performance should reflect differentiation

The answers to the exam paper should be scored step by step

Blank questions should be marked with an × and will receive 0 points

1902601 Principles and Methods of Digital Mapping for the First Semester of 2020–2021

The distribution of scores is unreasonable and does not follow a normal distribution; attention should be paid in the next exam

The answers to the exam paper should be scored step by step

Blank questions should be marked with an × and will receive 0 points

1902601 Fundamentals of Error Theory and Measurement Adjustment for the Second Semester of 2020–2021

The distribution of scores is unreasonable and does not follow a normal distribution; attention should be paid in the next exam

The main question should be marked with ✓ or × step by step to determine the score

Blank questions should be marked with an × and will receive 0 points

1902601 Computer Graphics for the 2020–2021 Academic Year, Second Semester

The criteria for assessing regular performance need to be strengthened, and regular performance should reflect differentiation

The answers to the exam paper should be scored step by step

The order of the exam papers is incorrect and should be consistent with the students' grades on the transcript

1902604 Deformation Monitoring and Data Processing for the Second Semester of 2021–2022

The exam paper analysis form does not have the signature of the department head

The distribution of scores is unreasonable and does not follow a normal distribution; attention should be paid in the next exam

Blank questions should be marked with an × and will receive 0 points

1902604 Real Estate Measurement for the First Semester of 2022-2023

The distribution of scores is unreasonable and does not follow a normal distribution; attention should be paid in the next exam

The criteria for assessing regular performance need to be strengthened, and regular performance should reflect differentiation

The order of the exam papers is incorrect and should be consistent with the students' grades on the transcript

Blank questions should be marked with an × and will receive 0 points

2002603 Fundamentals of Geodesy for the First Semester of 2022-2023

The criteria for assessing regular performance need to be strengthened, and regular performance should reflect differentiation

The main question should be marked with ✓ or × step by step to determine the score

2002603 GNSS Principles and Applications for the First Semester of 2022-2023

A few words signed on several major questions in the grading record

The criteria for assessing regular performance need to be strengthened, and regular performance should reflect differentiation

The first exam paper has not been signed by the verifier

Blank questions should be marked with an × and will receive 0 points

2002603 Measurement Program Design for the First Semester of 2022-2023

The cover review teacher is inconsistent with the actual situation

A few words signed on several major questions in the grading record

The distribution of scores is unreasonable and does not follow a normal distribution; attention should be paid in the next exam

The criteria for assessing regular performance need to be strengthened, and regular performance should reflect differentiation

2002603 Engineering Surveying for the 2nd Semester of 2022-2023

The distribution of scores is unreasonable and does not follow a normal distribution; attention should be paid in the next exam

The criteria for assessing regular performance need to be strengthened, and regular performance should reflect differentiation

The answers to the exam paper should be scored step by step



Blank questions should be marked with an × and will receive 0 points

2002603 Deformation Monitoring and Data Processing for the  
Second Semester of 2022-2023

The order of the archived materials is incorrect

Cover class error

The first exam paper's evaluator, score verifier, and the absence of  
signatures next to each major question

Should be graded step by step with a check (✓) or cross (×) to  
determine the score

Blank questions should be marked with an × and will receive 0 points

### **1. "Photogrammetry" 2022-2023 Semester 1 2002401**

The answers to the exam paper are placed before the sample paper

The grades are not normally distributed.

### **2. "Data Structures" 2022-2023 Semester 1 2102602**

The exam schedule has been adjusted, and the specific time period for the  
exam has not been indicated

The grades are not normally distributed;

The first exam paper has not been signed by the scorer, and the last  
question of the first exam paper has not been copied

The frequency of changes to exam scores is relatively high.

### **3. "JAVA Programming Design" 2022-2023 Academic Year Semester 2 2002401**

The exam paper analysis has not been signed by the college leaders

Should be judged by marking ✓ for correct and × for incorrect step by  
step to determine the score.

### **4. "R Language" 2022-2023 Academic Year Semester 2 2002401**

The exam analysis form does not have the signatures of the department head  
and college leaders

The distribution of grades is unreasonable and does not follow a normal  
distribution

The grade registration form is not signed.

### **5. "Principles and Applications of Remote Sensing" 2022-2023 Academic Year, Semester 2, 2002401**

The first exam paper should be signed next to each main question.

### **6. "Spatial Database" 2022-2023 Academic Year, Semester 2, 2002401**

The papers are graded using ✓ and ✕ for evaluation, not using ? for evaluation

**7. "Introduction to Earth Sciences" 2022-2023 Academic Year, Class 2202501**

The distribution of grades is unreasonable and does not follow a normal distribution

Multiple modifications unsigned; (discount marks have been made on the relevant pages)

Wrong answers marked with ✕, unanswered marked with +0; (already marked with discount on the relevant page)

Classmate Luo Xinyu did not calculate the partial score for the last question

Student Liu Xuan did not calculate the partial score for the last question

Classmate Qu Huan did not calculate the partial score for the last question.

**8. "Computer Language C#" 2022-2023 Semester 2 2202501**

The exam paper analysis report lacks the signature of the dean

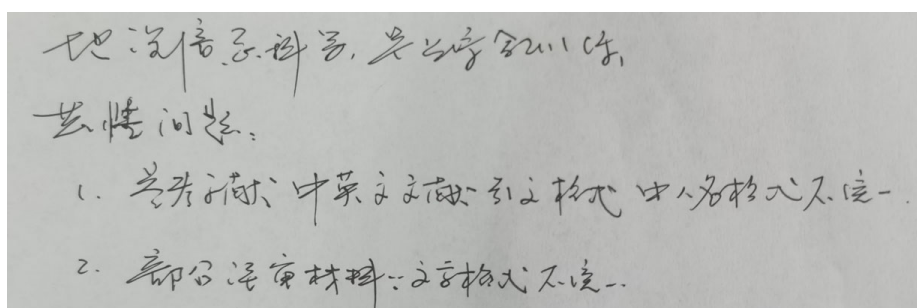
The number of students who failed the exam exceeds 80%

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#### 4.2 Graduation Project (Thesis) Inspection and Rectification



22届学生毕业设计

测绘

1802604-09 罗畅. 夏智华. 开题报告  
未签名

致谢处. 指导老师处留空白

1802603-38 陈子奇 黄世军 诚信声明未签  
开题报告排版不规范  
开题报告指导老师意见放错. 放到了答辩申请表之后1802604-21 周翔宇 郭志辉 论文标题不统一  
论及摘要. 指导记录中的论文名称与封面不符.1802602-24 龙朝阳 曹志 诚信声明未签字  
论及答辩内容太简单

1802601-12 姚成石 唐争气 毕设材料内课题名称不统一

1802601-35 袁芳 杨亚夫 毕设材料内课题名称不统一.

1802604-10 黄博霖. 周新地.

指导老师评审表

评阅人评审表

答辩组评审表

评语. 答辩记录 为系统直  
接导出. 应进一步格式编辑.  
行1802604-15 阳涛. 姜新苗 同题同上  
答辩记录Chi  
Nianp  
ing

The cover font is incorrect; it should be KaiTi.

The "(paper)" in the partial table has not been deleted as required.

The title is written differently in various forms (such as the task book, project proposal,

	<p>mid-term inspection form, grading form, drawings, etc.), and there is inconsistency before and after.</p> <p>4. The teacher's guidance and review have no comments, only a signature;</p> <p>5. Lack of opinions and seals from the college and academic committee.</p>
Wang An	<p>The "(thesis)" in some parts of the table has not been deleted as required.</p> <p>2. The format of some references is not standardized.</p>
Zhang Chun	<p>The format of the task book is incorrect and should be unified with the main text in Chinese Songti and Times New Roman.</p> <p>The traces of copying and pasting in the section of the proposal report are obvious, and the format has not been standardized.</p> <p>The sanitary standards for drinking water still use the 2006 version and have not adopted the 2022 version.</p> <p>4. The defense application form has no comments, only signatures;</p> <p>5. The "(paper)" in the partial table has not been deleted as required.</p>
Zhou Jun	<p>The format of the review form is incorrect.</p> <p>The format of the project proposal cover page is incorrect, and the supervisor's comments section does not have specific remarks, only agreement to the proposal and a signature;</p> <p>3. Outdoor Water Supply Design Specifications (should be standards).</p>
Deng Yumei	<p>The format of some English references is not standardized. The others are relatively standardized.</p>
Yan Hengzhen	<p>The format is relatively standard.</p>
Zhang Wei	<p>The font format of the title on the abstract page is not standardized.</p> <p>2. The screenshot of the heavy rain intensity formula needs to be cleaned.</p>



Wang Aihe	"Comprehensively create high-quality courses and hybrid teaching, construction and application of high-quality online open courses, teacher teaching application and on-site development training class."
Zhang Chun	The design topic involves information about Changde Hanshou County and City M, and the names should be standardized. The format of the project proposal progress schedule is not standardized, and the format of the meeting minutes is not standardized

Sun Liang	The format of the project proposal report is not standardized, the format of the defense record is not standardized, and the format of the review comments is not standardized
Xiang Xinan	The format of the defense record is not standardized, and the format of the review comments is not standardized
Peng Ting	The format of the defense record is not standardized, and the format of the review comments is not standardized
Zhang Xinqiao	The defense record format is not standardized, and the font size in some tables of the design specification is not standardized
Chen Wen	The defense record format is not standardized, and the table design in the design specification is unreasonable
He Chunhui	The font size of the project proposal is inconsistent

## 5.1Check the teaching and research activity records

Activity record of the Geographic Information Research Office: There were 5 sessions of lesson preparation for new teachers and teaching competitions. The number of regular research office activities is relatively high, but there were no discussions on topics such as teaching outlines, training programs, or ideological and political education in courses. The forms of research activities are monotonous, and some research activities could be conducted in the classroom, with timely evaluations of lessons.

Surveying Engineering Teaching and Research ActivitiesRecord:Political study can be combined with the school's arrangements, and the daily teaching work schedule is relatively detailed. Issues that arise during the teaching process can be communicated and resolved in a timely manner. The work for the 6th Comprehensive Surveying Skills Competition in Hunan Province has been completed well. There are few open classes and mutual classroom observation activities among teachers, and the efforts made to continuously improve teachers' teaching levels are insufficient.

Water Supply and DrainageTeaching and Research ActivitiesRecord: 1)The topics of the teaching and research activities in this major are distinct and practical. For example, the first teaching and research activity of each semester focuses on the work arrangement of the new semester, which is highly targeted; other topics mainly involve the study of professional accreditation documents and related work promotion, teacher ethics and professional conduct training, ideological and political education in courses, research project discussions and exchanges, and the enhancement of teaching abilities, all of which have professional characteristics;2)Each teaching and research activity record is quite detailed, but there were a few instances where meeting photos were not attached. Some activity items were briefly mentioned, such as the teaching and research activities related to the revision of talent training programs and teaching syllabi, which were not recorded in detail and were only briefly mentioned under the theme of professional accreditation-related activities;3)Suggestions:①Highlight the theme of teaching and research activities related to the revision of talent training programs and teaching syllabi and record them in detail;②Increase the frequency of new teachers' lesson preparation sessions in the past three years, while also increasing the number of teaching and research activities aimed at enhancing the teaching abilities of other teachers;③For teaching and research activities with a high number of absentees, flexible methods such as synchronous online and offline live broadcasts can be used to improve attendance rates.







9.7

① 2023年度工作总结  
综合

② 毕业生设计竞赛安排

③ 迎新活动安排

9.21

① 学习习近平总书记视察湖南重要讲话精神；

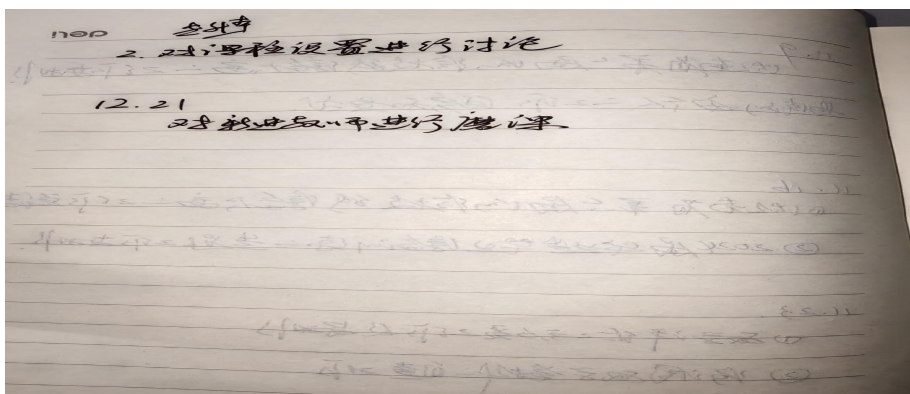
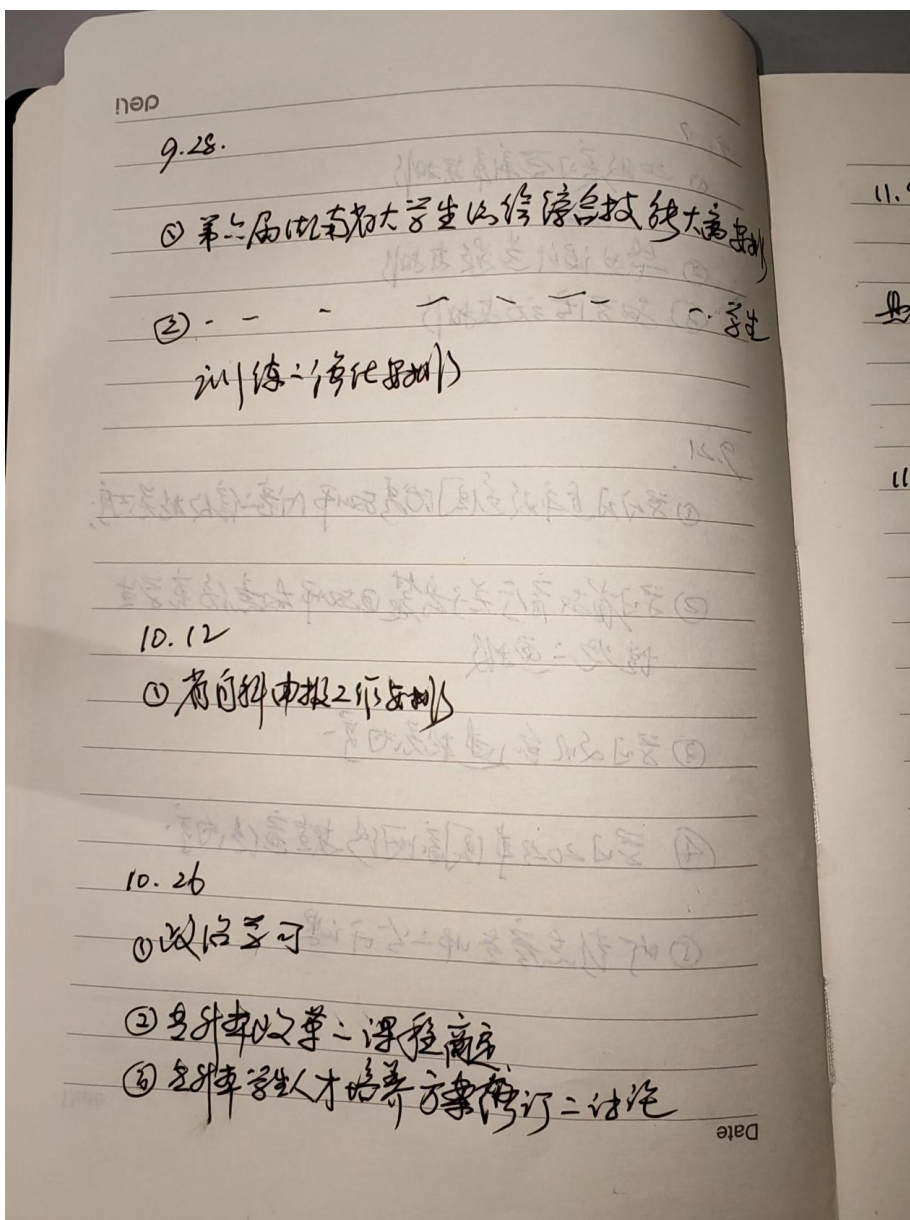
② 学习省教育厅关于岳麓区教师教育见习学生  
基地：通报

③ 学习文明创建相关要求

④ 学习2023年国家网络安全宣传内容

⑤ 听彭志彦老师二节课

Date



## 5.2 Summary of Teaching and Research Activities

Summary of the Geographic Information Science Teaching and Research Activities: The initial plan was relatively simple, and it would be best to create a list for the annual teaching and research activity schedule. The summary of the teaching and research activities was not written based on the initial plan. A summary of the completion of the initial plan needs to be made. The summary content is not detailed enough, and the summaries of teaching activities such as lesson presentations, peer evaluations,

teaching observations, and teaching competitions are not thorough enough. Teaching and research activities have been carried out, and appropriate visual materials should be prepared for reference.

#### Summary of the Surveying and Mapping Professional Research

Activities: At the beginning of the year, there was a plan for research activities, but it was not fully executed, and no summary of the research activities was made.

Summary of the teaching and research activities of the water supply and drainage major: (1) The teaching and research activities were completed as planned, and the summary is relatively serious and detailed; (2) Opinions or suggestions: ① The major has achieved certain teaching and research results this year, but the willingness of teachers in this major to participate in teaching competitions, publish textbooks, and publish educational reform papers is not strong, and the phenomenon of insufficient motivation is quite obvious. It is recommended to summarize experiences, improve issues, and when formulating the teaching and research office plan and carrying out activities, encourage teachers who contribute significantly to the core teaching indicators of the teaching and research office to share their experiences, and encourage teachers to "go out" to participate in relevant teaching and research activities and seminars to enhance the level of teaching and research; ② Actively join high-quality virtual teaching and research offices on high platforms; ③ Increase corresponding summaries and continuous improvements in lesson preparation and evaluation.

### 6.1 Supervisory Group Work Regular Meeting

February 14, 2023, the previous supervisor group leader, Teacher Tan Quanyuan, introduced the content of the supervision work. Group leader Tan introduced that supervision should focus on supervising teaching, supervising learning, and supervising management. A good supervision work plan, monthly supervision reports, and end-of-term work summaries should be prepared; the group leader should attend no less than 50 class hours each term, and group members should attend no less than 30 class hours each term, with a focus on supervising new teachers and those in need of support, helping them quickly improve their teaching abilities; assist the college in carrying out other teaching activities. School supervisor Teacher He Liangyun shared his insights on the supervision work. The supervision group is subordinate to the school's quality monitoring and evaluation center, so its functions are quality monitoring and teaching evaluation. It is necessary to pay attention to six points and handle four relationships well. The newly appointed supervisors made statements. Teacher Xue Yun, representing the supervision group, expressed admiration for the contributions made by the previous supervisors to the college and gratitude for the guidance provided by the former supervisors. The supervisors all felt a heavy burden and expressed their commitment to actively cooperate with the college to serve as teaching advisors and contribute to the college's teaching work.

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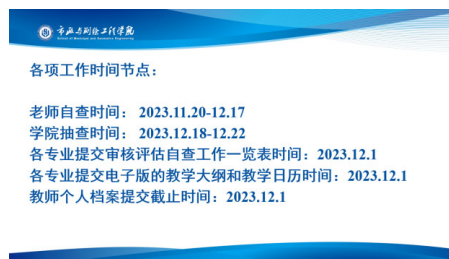
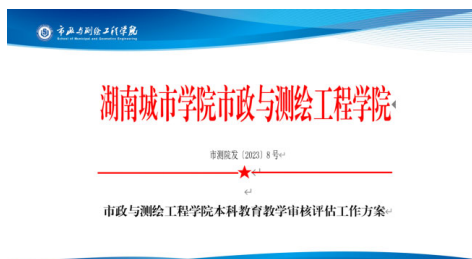


The college supervisor promptly reported the poor classroom teaching phenomena discovered during the school supervision inspection to the college leadership. The college leadership actively addressed the issues raised by teachers and students, not only reminding teachers to urge students to close doors, turn off lights, and clean up after class, but also addressing the unbearable heat in the professional design classroom caused by the large number of students' computers and power strips, as well as the hot weather, by applying for air conditioning installation from the school, which was resolved in a timely manner, creating a relatively comfortable teaching environment for teachers and students, earning unanimous praise from everyone. At the same time, Vice Dean Xia Nan announced the newly revised "Management Measures for Teaching Supervision Work of the College of Municipal and Surveying Engineering" in the college work group and supervision group. The strong support of the college leadership for the supervision work is a powerful guarantee for the orderly and high-quality development of the college's supervision work.



On November 14, the Vice Dean of Teaching held a promotion meeting for the 2024 review and evaluation work in Room 320 of the City Measurement Building, discussing and arranging the work related to the review and evaluation of undergraduate education and teaching. The leadership team, department heads, and teaching supervision group participated in the discussion of specific issues. After the meeting, the teaching supervision group organized a supervision work meeting, where each supervisor freely expressed their opinions on cooperating with the college to carry out the review and evaluation of undergraduate education and teaching. They discussed the specific work content and evaluation criteria for the self-inspection phase for teachers.





On the afternoon of November 23, 2023, a meeting on college supervision work was held in Room 320 of the Municipal Measurement Building, attended by all supervisors from the college. Supervisor Xue Yun organized a study of "Recent Issues in the Supervision Work of Secondary Colleges" and "Assessment Methods for Teaching Supervision Groups in Secondary Colleges." During the meeting, all supervisors actively spoke up, offering suggestions and ideas to improve the college supervision work.



In the sixteenth week, the college organized an internal teaching inspection in accordance with the requirements for undergraduate education and teaching review. The inspection team, composed of the leadership team, the supervision group, department heads, and party branch secretaries, was divided into two groups. The inspection content included: (1) the teaching syllabus, teaching calendar, lesson plans, and teaching materials for all courses undertaken by the Measurement Institute in the latest talent training program for each major; (2) course assessment materials, comprehensive graduation training, and internship files from the past three years (2020-2021 academic year, 2021-2022 academic year, 2022-2023 academic year). Each group recorded the issues identified during the inspection and the individuals involved. Several problems were found during the inspection, and the vice dean of teaching summarized the results and notified the heads of each teaching and research office. Each teacher actively rectified the issues identified in the inspection, and the college continued to follow up on the rectification situation. The college supervision participated throughout the material inspection.



1、老师个人教学材料方面问题汇总

- 1、教学大纲
  - 1) 未按模板排版，格式不统一，包括字体、行距等。也有整体不美观的情况。
  - 2) 缺少“六 课程思政设计” 这个标题。
  - 3) 有的根本没有思政内容。
- 2、教学日历
  - 1) 未按模板，每一页都应该有表头，但前面页不应该有表尾。表格最后应该有合计；且还需有考核方式、成绩构成、平时成绩组成等内容。
  - 2) 多次教学内容雷同，且过于简单，依具体情况至少精确到2级标题。
- 3、教案

3、实践教学材料方面（毕业设计）

	1.封面字体不对，应为楷体； 2.部分表格中的“（论文）”未按要求删除； 3.题目名称在各个表格（如任务书、开题报告、中期检查表、成绩评定表、图纸等）中写法各异，前后不一致； 4.教师指导评阅没有评语只有签字； 5.缺学院和学术委员会意见和盖章。
	1.部分表格中的“（论文）”未按要求删除； 2.部分参考文献格式欠规范。
	1.任务书格式不对，应与正文统一为中文宋体和新罗马体； 2.开题报告部分段落复制粘贴痕迹明显，格式未调统一； 3.生活饮用水卫生标准仍使用2006版，未使用2022版； 4.答辩申请表没有评语只有签字； 5.部分表格中的“（论文）”未按要求删除。



向夏楠

2024本科教育教学审核评估院内抽查工作组  
组1：组长：饶迎  
组员：薛云、鄢志辉、方新、曹元志、张维、黄长军  
检查对象：测绘、地信专业  
组2：组长：池年平  
组员：李琳、陈文、黎媛萍、向夏楠、盛建武、段姣姣、王安  
检查对象：给排水、建环专业  
检查时间：12月21日（周四）下午两点  
检查范围：1、每个专业最新人才培养方案里市测院承担的所有课程的教学大纲，教学日历，教案，ppt；  
2、最近三年（2020-2021学年、2021-2022学年、2022-2023学年）的课程考核材料、毕业综合训练、实习档案。  
请每个小组将检查出的问题及涉及人记录下来，学院将予以公布并限期整改。

6.2SpecialResearch Work

Check date:2023year12month18-2023year12month22day

Inspection location: City Measurement Building320

Participants:Institute leaders, supervisors, and department heads

Special inspection:In-hospitalteaching spot check

Main content:

The college organized an internal teaching inspection work in accordance with the requirements for undergraduate education and teaching review. The inspection team, composed of the leadership team, the supervision group, department heads, and party branch secretaries, was divided into two groups. The inspection content included: (1) the teaching syllabus, teaching calendar, lesson plans, and teaching materials for all courses undertaken by the Measurement Institute in the latest talent training program for each major; (2) course assessment materials, comprehensive graduation training, and internship files from the past three years (2020-2021 academic year, 2021-2022 academic year, 2022-2023 academic year). Each group recorded the issues found during the inspection and the individuals involved. Many problems were identified during the inspection, and the vice dean of teaching summarized the results and notified the heads of each teaching and research office. Each teacher actively rectified the issues identified in the inspection, and the college continued to follow up on the rectification situation. The college supervision participated throughout the material inspection.



向夏楠

#### 2024本科教育教学审核评估院内抽查工作分组

组1：组长：饶迎

组员：薛云、鄢志辉、方新、曹元志、张维、黄长军

检查对象：测绘、地信专业

组2：组长：池年平

组员：李琳、陈文、黎媛萍、向夏楠、盛建武、段姣姣、王安

检查对象：给排水、建环专业

检查时间：12月21日（周四）下午两点

检查范围：1、每个专业最新人才培养方案里市测院承担的所有课程的教学大纲，教学日历，教案，ppt；

2、最近三年（2020-2021学年、2021-2022学年、2022-2023学年）的课程考核材料、毕业综合训练、实习档案。

请每个小组将检查出的问题及涉及人记录下来，学院将予以公布并限期整改。



## 1. Teacher's personal teaching materials 方面







## 2、Regarding the exam paper

2002401Principles and Applications of GPS for the First  
Semester of 2022-2023

The course name is filled in incorrectly in the grading record

2102602Principles and Methods of Digital Mapping for the First  
Semester of 2022-2023

The absentee in the examination supervision record should fill in their student ID and name

The distribution of scores is unreasonable and does not follow a normal distribution; attention should be paid in the next exam

The criteria for assessing regular performance need to be strengthened, and regular performance should reflect differentiation

The answers to the exam paper should be scored step by step

Blank questions should be marked with an × and will receive 0 points

1902601 Principles and Methods of Digital Mapping for the First Semester of 2020–2021

The distribution of scores is unreasonable and does not follow a normal distribution; attention should be paid in the next exam

The answers to the exam paper should be scored step by step

Blank questions should be marked with an × and will receive 0 points

1902601 Fundamentals of Error Theory and Measurement Adjustment for the Second Semester of 2020–2021

The distribution of scores is unreasonable and does not follow a normal distribution; attention should be paid in the next exam

The main question should be marked with ✓ or × step by step to determine the score

Blank questions should be marked with an × and will receive 0 points

1902601 Computer Graphics for the 2020–2021 Academic Year, Second Semester

The criteria for assessing regular performance need to be strengthened, and regular performance should reflect differentiation

The answers to the exam paper should be scored step by step

The order of the exam papers is incorrect and should be consistent with the students' grades on the transcript

1902604 Deformation Monitoring and Data Processing for the Second Semester of 2021–2022

The exam paper analysis form does not have the signature of the department head

The distribution of scores is unreasonable and does not follow a normal distribution; attention should be paid in the next exam

Blank questions should be marked with an × and will receive 0 points

1902604 Real Estate Measurement for the First Semester of 2022-2023

The distribution of scores is unreasonable and does not follow a normal distribution; attention should be paid in the next exam

The criteria for assessing regular performance need to be strengthened, and regular performance should reflect differentiation

The order of the exam papers is incorrect and should be consistent with the students' grades on the transcript

Blank questions should be marked with an × and will receive 0 points

2002603 Fundamentals of Geodesy for the First Semester of 2022-2023

The criteria for assessing regular performance need to be strengthened, and regular performance should reflect differentiation

The main question should be marked with ✓ or × step by step to determine the score

2002603 GNSS Principles and Applications for the First Semester of 2022-2023

A few words signed on several major questions in the grading record

The criteria for assessing regular performance need to be strengthened, and regular performance should reflect differentiation

The first exam paper has not been signed by the verifier

Blank questions should be marked with an × and will receive 0 points

2002603 Measurement Program Design for the First Semester of 2022-2023

The cover review teacher is inconsistent with the actual situation

A few words signed on several major questions in the grading record

The distribution of scores is unreasonable and does not follow a normal distribution; attention should be paid in the next exam

The criteria for assessing regular performance need to be strengthened, and regular performance should reflect differentiation

2002603 Engineering Surveying for the 2nd Semester of 2022-2023

The distribution of scores is unreasonable and does not follow a normal distribution; attention should be paid in the next exam

The criteria for assessing regular performance need to be strengthened, and regular performance should reflect differentiation

The answers to the exam paper should be scored step by step

Blank questions should be marked with an × and will receive 0 points

2002603 Deformation Monitoring and Data Processing for the  
Second Semester of 2022-2023

The order of the archived materials is incorrect

Cover class error

The first exam paper's evaluator, score verifier, and the absence of  
signatures next to each major question

Should be graded step by step with a check (✓) or cross (×) to  
determine the score

Blank questions should be marked with an × and will receive 0 points

3. In terms of practical materials

3、in terms of practical teaching materials

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22届学生毕业设计

测绘

1802604-09 罗畅. 夏智平. 开题报告  
未签名

致谢处. 指导老师处留空白

1802603-38 陈子奇 黄世军 诚信声明未签  
开题报告排版不规范  
开题报告指导老师意见放错. 放到了答辩申请表之后1802604-21 周翔宇 郭志辉 论文标题不统一  
论及摘要. 指导记录中的论文名称与封面不符.1802602-24 龙朝阳 曹志 诚信声明未签字  
论及答辩内容太简单

1802601-12 姚成石 唐争气 毕设材料内课题名称不统一

1802601-35 袁芳 杨亚夫 毕设材料内课题名称不统一.

1802604-10 黄博霖. 周新地.

指导老师评审表

评阅人评审表

答辩组评审表

评语. 答辩记录 为系统直  
接导出. 应进一步格式编辑.  
行1802604-15 阳涛. 姜新苗 问题同上  
答辩记录

## 1. Teacher's personal teaching materials 方面

地信：每一条为一门课程检查结果。

1、PPT 课程思政体现不够；教案思政元素融入不够深入；教学大纲不是新模板。

2、PPT 课程思政体现不够；教学大纲不是新模板。

3、教学大纲不是新模板，未见课程思政内容。

4、教学日历时间没到节；PPT 课程思政体现不够。有单独的课程思政案例，但没写到 PPT 里。

5、PPT 课程思政体现不够。

6、PPT 课程思政体现不够。

7、PPT 课程思政体现不够。

8、教案思政元素融入不够深入。

9、教学日历都有课程思政，但教学大纲不是新模板。

10、课程思政比较笼统，有待细化分解并融入各章节知识点，体现在具体课程内容中。

11、未见教案。

12、PPT 课程思政体现不够。

13、PPT 课程思政体现不够。

## 2、Regarding the exam paper

### 1. "Photogrammetry" 2022-2023 Semester 1 2002401

The answers to the exam paper are placed before the sample paper

The grades are not normally distributed.

### 2. "Data Structures" 2022-2023 Semester 1 2102602

The exam schedule has been adjusted, and the specific time period for the exam has not been indicated

The grades are not normally distributed;

The first exam paper has not been signed by the scorer, and the last question of the first exam paper has not been copied

The frequency of changes to exam scores is relatively high.

**3. "JAVA Programming Design" 2022-2023 Academic Year Semester 2 2002401**

The exam paper analysis has not been signed by the college leaders

Should be judged by marking √ for correct and × for incorrect step by step to determine the score.

**4. "R Language" 2022-2023 Academic Year Semester 2 2002401**

The exam analysis form does not have the signatures of the department head and college leaders

The distribution of grades is unreasonable and does not follow a normal distribution

The grade registration form is not signed.

**5. "Principles and Applications of Remote Sensing" 2022-2023 Academic Year, Semester 2, 2002401**

The first exam paper should be signed next to each main question.

**6. "Spatial Database" 2022-2023 Academic Year, Semester 2, 2002401**

The papers are graded using √ and × for evaluation, not using ? for evaluation

**7. "Introduction to Earth Sciences" 2022-2023 Academic Year, Class 2202501**

The distribution of grades is unreasonable and does not follow a normal distribution

Multiple modifications unsigned; (discount marks have been made on the relevant pages)

Wrong answers marked with ×, unanswered marked with +0; (already marked with discount on the relevant page)

Classmate Luo Xinyu did not calculate the partial score for the last question

Student Liu Xuan did not calculate the partial score for the last question

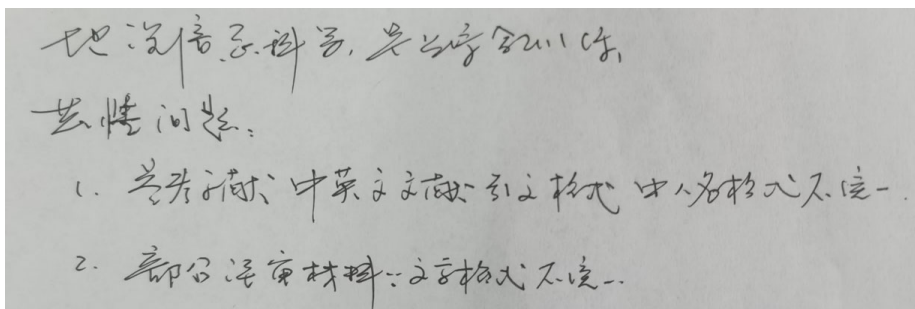
Classmate Qu Huan did not calculate the partial score for the last question.

**8. "Computer Language C#" 2022-2023 Semester 2 2202501**

The exam paper analysis report lacks the signature of the dean

The number of students who failed the exam exceeds 80%

### 3、in terms of practical teaching materials



#### 1. Teacher's personal teaching materials 方面

##### 1. Teaching syllabus

1) Not formatted according to the template, inconsistent formatting, including font, line spacing, etc. There are also cases of overall unattractiveness.

2) The major title "Six Curriculum Ideological Design" is missing.

3) Some do not have any ideological and political content at all.

##### 2. Teaching Calendar

1) Not following the template, each page should have a header, but the previous pages should not have a footer. The table should have a total at the end; it should also include assessment methods, composition of grades, and components of regular scores, among other content.

2) The teaching content is often repetitive and overly simplistic, and should be specified to at least level 2 headings based on the specific situation.

##### 3. Lesson plan

The integration of ideological and political elements is not deep enough; it is recommended to incorporate more obvious ideological and political content in the first few class hours.

2) It is recommended to prepare lesson plans for every 2 class hours, including assignments and teaching summaries, etc.

##### 4. PPT presentation



1) The production is not refined, there is too much text without being concise, it is not aesthetically pleasing, and the visual effect is poor;

2) The integration of ideological and political education in the course is insufficient; it is recommended to incorporate more obvious ideological and political content in the previous chapters.

#### 1. Teacher Li Yuanping, Water Quality Engineering (1)

Each page of the teaching calendar must have a header (including department, course name, etc.);

The content of the teaching calendar should be detailed, and it cannot have the same content for several classes

The teaching calendar should include the total number of class hours;

The PPT has no ideological content (checked Lecture 13), and the PPT has no information about the instructor.

#### 2. Teacher Zhou Jun, Water Engineering Economics and Budgeting

No summary for the lesson plan (taking Chapters One and Two as examples)

Each page of the teaching calendar must have a header (including department, course name, etc.);

The format of the teaching syllabus is not standardized and needs to follow the template.

#### 3. Teacher Wang Yang, Organic Chemistry

Each page of the teaching calendar must have a header (including department, course name, etc.);

The background of the PPT is completely blue, the color is dark, and the display effect should be poor.

#### 4. Teacher Sheng Jianwu, Physical Chemistry

The lesson plan does not use 2 class hours as a unit; it needs to have a beginning and an end, and it is best not to follow the chapters.

The display ratio of the PPT is 16:9, should we suggest or discuss using 4:3?

#### 5. Teacher Wang An, Water Analytical Chemistry

The PPT has no ideological content

The content of the teaching calendar should be detailed, and it cannot have the same content for several classes

The display ratio of the PPT is 16:9, should we suggest or discuss using 4:3?

6. Teacher Shu Jinkai, Hydrology and Hydrogeology

The content of the calendar should be refined; not all classes can have the same content

7. Teacher Wang Caiwen, pumps and pump stations

The PPT has no ideological content (taking the first and second chapters as examples);

Teaching plan without ideological and political education (taking the 3rd one as an example);

Each page of the teaching calendar must have a header (including department, course name, etc.), and blank lines should be removed

The syllabus needs to use a template, the margins are not correct

The syllabus includes ideological and political content, but there is no sixth point "6. Curriculum Ideological and Political Design."

8. Teacher Deng Yumei, Utilization and Protection of Water Resources

The display ratio of the PPT is 16:9, should we suggest or discuss using 4:3?

The teaching syllabus needs to use a template, the line spacing and tables are not correct

The content of the teaching calendar should be detailed, and it cannot have the same content for several classes

9. Teacher Deng Jie, Building Water Supply and Drainage Engineering

The PPT slides do not contain any ideological content.

10. Teacher Li Hao, Basic Computer Applications in Water Supply and Drainage Engineering

The name on the ppt should be modified

The format of the teaching calendar is incorrect

The syllabus needs to use a template, and the line spacing and tables are not correct.

11. Teacher Yan Hengzhen, Water Supply and Drainage Pipeline Network System (2)

Each page of the teaching calendar must have a header (including department, course name, etc.);

The teaching calendar should include the total number of class hours.

12. Teacher Jiang Haiyan, Professional English

Teaching plans and ppt do not reflect the ideological content of the course;

The teaching calendar should include the total number of class hours.

13. Teacher Zhang Chun, Water Supply and Drainage Pipeline Network System (2)

The syllabus includes ideological and political content, but there is no sixth point "6. Curriculum Ideological and Political Design. "

The teaching calendar should include the total number of class hours;

The reflection of ideological and political education in the PPT and lesson plans is insufficient.

## 2、Regarding the exam paper

No issues found during the inspection

### 3、Practical Teaching Materials (Graduation Project)

Chi Nianping	<p>The cover font is incorrect; it should be KaiTi.</p> <p>The "(paper)" in the partial table has not been deleted as required.</p> <p>The title is written differently in various forms (such as the task book, project proposal, mid-term inspection form, grading form, drawings, etc.), and there is inconsistency before and after.</p> <p>4. The teacher's guidance and review have no comments, only a signature;</p> <p>5. Lack of opinions and seals from the college and academic committee.</p>
Wang An	<p>The "(thesis)" in some parts of the table has not been deleted as required.</p> <p>2. The format of some references is not standardized.</p>
Zhang Chun	<p>The format of the task book is incorrect and should be unified with the main text in Chinese Songti and Times New Roman.</p> <p>The traces of copying and pasting in the section of the proposal report are obvious, and the format has not been standardized.</p> <p>The sanitary standards for drinking water still use the 2006 version and have not adopted the 2022 version.</p> <p>4. The defense application form has no comments, only signatures;</p> <p>5. The "(paper)" in the partial table has not been deleted as required.</p>

Zhou Jun	The format of the review form is incorrect. The format of the project proposal cover page is incorrect, and the supervisor's comments section does not have specific remarks, only agreement to the proposal and a signature; 3. Outdoor Water Supply Design Specifications (should be standards).
Deng Yumei	The format of some English references is not standardized. The others are relatively standardized.
Yan Hengzhen	The format is relatively standard.
Zhang Wei	The font format of the title on the abstract page is not standardized. 2. The screenshot of the heavy rain intensity formula needs to be cleaned.
Wang Aihe	"Comprehensively create high-quality courses and hybrid teaching, construction and application of high-quality online open courses, teacher teaching application and on-site development training class."
Zhang Chun	The design topic involves information about Changde Hanshou County and City M, and the names should be standardized. The format of the project proposal progress schedule is not standardized, and the format of the meeting minutes is not standardized

## 1. Teacher's personal teaching materials 方面

Except for Teacher Zhang Lachun retiring in January and Teacher Wang Chengguang only teaching at the Foreign Language Institute, each of the other teachers checked one course, and the same teacher should check and revise the issues in other courses accordingly.

"Refrigeration Technology" 3-year class schedule divided by class. The lesson plan includes ideological and political education, prepared according to every two class hours. The PPT includes ideological and political education, and the template is very good.

The teaching content in the outline of "Fluid Mechanics" is too simple, only has a table of contents, no requirements, and the reference format is incorrect. The calendar template is incorrect. The

PPT is too simple, lacking aesthetic appeal, and the combinations of bright yellow + white and white + gray are hard to see; the screenshots of example problems are unclear, and there is no ideological education. The lesson plan is relatively good.

The outline of "Engineering Thermodynamics" has "four new" contents, with no "sixth" point. The calendar table is incomplete. The PPT color tone is very dark. The ideological content in the lesson plan is not obvious.

The outline of "Building Environment Studies" includes "four new" contents, with no "sixth" point. Calendar is available. Lesson plan is available. PPT includes ideological and political education.

The outline template for "Fluid Transport and Distribution Pipeline Network" is incorrect and cannot be considered as achieved. The lesson plan and PPT are well prepared according to the two class hours.

The calendar template for "Heating Engineering" is incorrect (2022). The outline is acceptable. The lesson plan and ppt are good.

The outline of "Principles of Automatic Control" includes ideological and political education, with no "sixth" point. The calendar format needs adjustment. The PPT is very beautiful and includes ideological and political education. The lesson plan is acceptable.

The outline template for "Gas Transmission and Distribution" is incorrect, missing the "sixth" point. The first page of the calendar should not have a footer. The integration of ideological and political education in the PPT and lesson plan is not obvious.

The outline of "Building Water Supply and Drainage" includes ideological and political education, but there is no "sixth" point. Lacking materials.

"Electrical Engineering and Electronics" – Water Supply and Drainage major, calendar available. The outline includes ideological and political education, no "sixth" point. The courseware includes ideological and political education. PPT available.

## 2、Regarding the exam paper

Not sampled

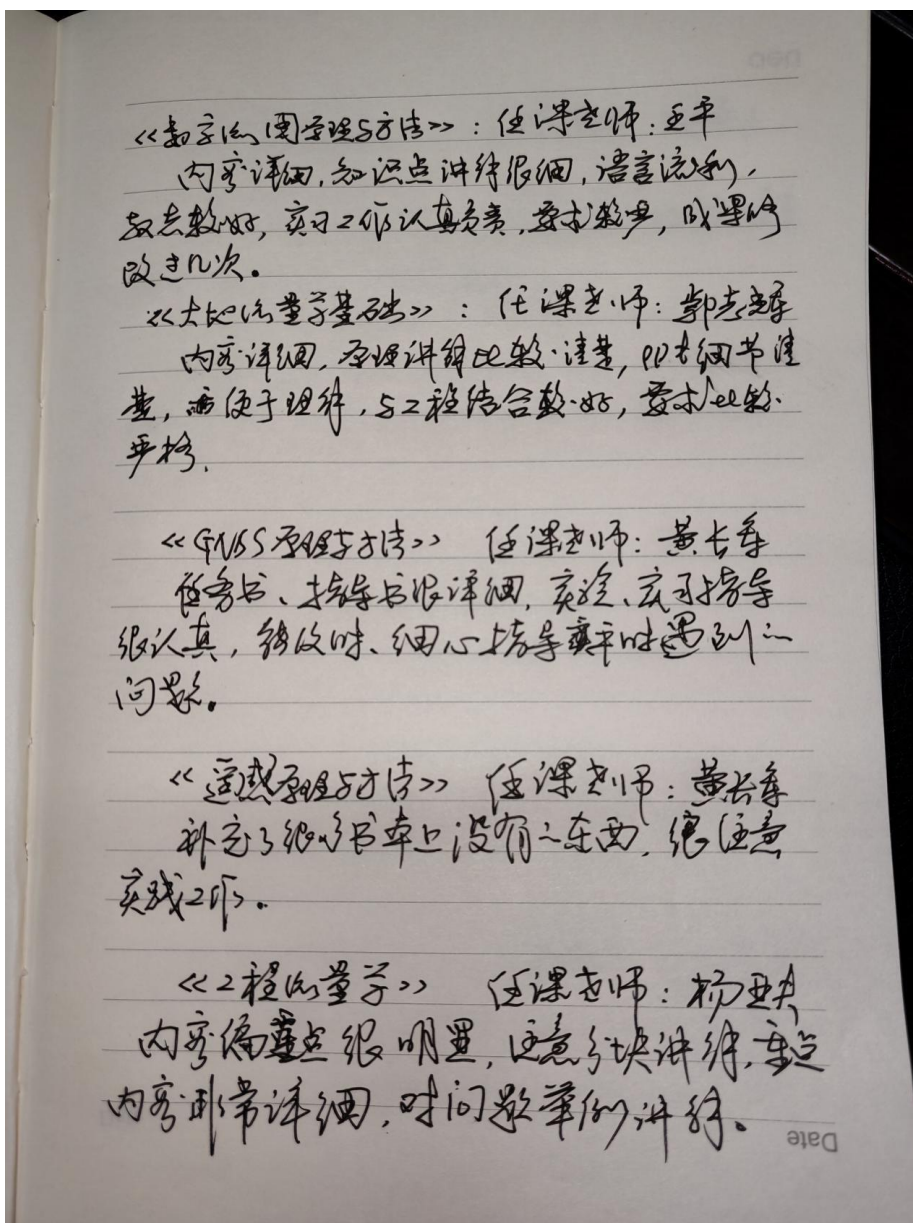
### 3、Practical Teaching Materials (Graduation Project)

Sun Liang	The format of the project proposal report is not standardized, the format of the defense record is not standardized, and the format of the review comments is not standardized
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Xiang Xinan	The format of the defense record is not standardized, and the format of the review comments is not standardized
Peng Ting	The format of the defense record is not standardized, and the format of the review comments is not standardized
Zhang Xinqiao	The defense record format is not standardized, and the font size in some tables of the design specification is not standardized
Chen Wen	The defense record format is not standardized, and the table design in the design specification is unreasonable
He Chunhui	The font size of the project proposal is inconsistent

### 6.3ContactStudent Information OfficerSituation





《长图制国学》 任课老师: 周青少

对课程内容做了非常详细的补充, 注重  
实际, 与实践相结合得教好。

信息员: 谭聪丽  
欧阳超群  
罗缘缘

Date

Date

21级 邓舒颖

C# 摄影测量 遥感 GIS 大地测量 平差

C#：用实例来讲解，课堂氛围好，与老师沟通  
良好，有一点瑕疵。

摄影测量 基础能听懂，讲得有点慢，实验  
较仔细，软件已上手，课堂纪律后排有  
部分学生玩手机

遥感：能听懂，讲得较平，与老师有互动  
课前提后有作业，课堂较努力。

GIS、  
大地测量 > 能听懂，课堂提问，学生主动  
回答问题，实验能有所收获。

平差 能听懂，喜欢提问，平差记录较详细

22级 李昆楚

数据红松 图形2 教与地初测卷

数据红松：能听11卷 讲得清晰，课堂  
红松好，互动好

计算机图形学：有点难但讲得清晰，实验  
没有上机版但能听懂

教与地初测卷 现有中友 左右能掌握，红松  
较好，空间学到不少

线性代数：较简单，讲得用心，红松重讲  
讲清晰

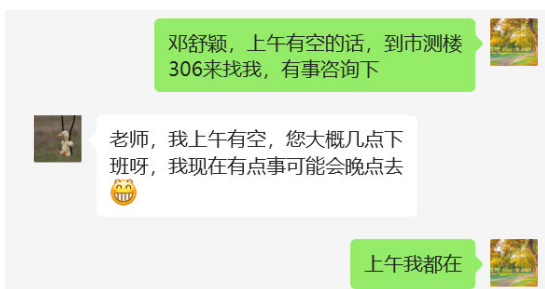
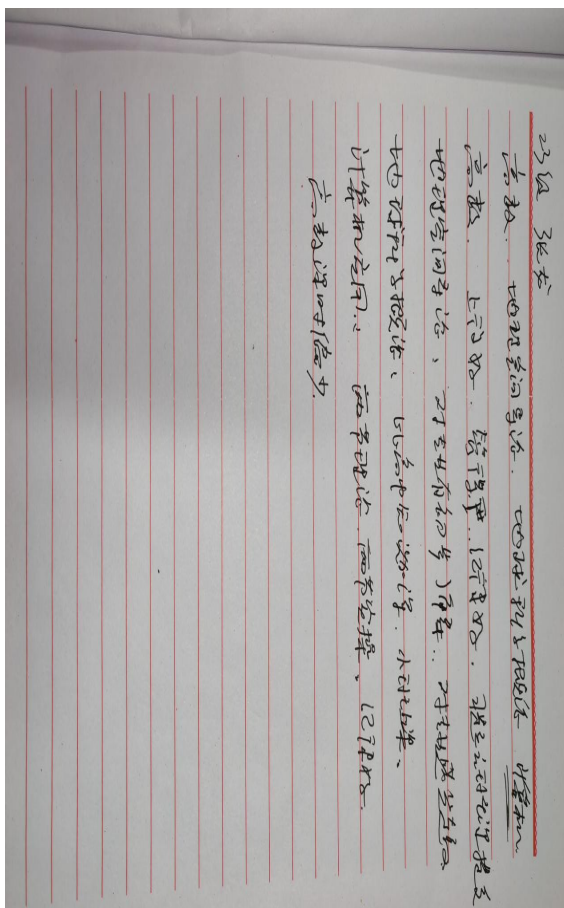
大学物理：讲得用心，较认真，有环境

大学物理可提前到大一开讲

希望实践课能，计算机是课，实践课

能帮助理解课子





## 6.4 Supervision on Learning and Research

On the afternoon of November 23, 2023, a meeting on college

supervision work was held in Room 320 of the Municipal Measurement Building, attended by all supervisors from the college. Supervisor Xue Yun organized a study of "Recent

Issues in the Supervision Work of Secondary Colleges” and “Assessment Methods for Teaching Supervision Groups in Secondary Colleges.” During the meeting, all supervisors actively spoke up, offering suggestions and ideas to improve the college supervision work.



湖南城市学院二级学院教学督导组工作考核办法

(试行)

第一章 总 则

第一条 为全面贯彻习近平总书记关于教育工作的重要论述精神，认真落实中共中央办公厅、国务院《关于深化新时代教育督导体制机制改革的意见》要求，进一步健全教学质量监控体系和督导工作机制，全面调动教学督导的工作积极性和主动性，充分发挥教学督导为提高教育教学质量保驾护航的作用，结合《湖南城市学院教学督导工作条例》，特制定本办法。

湖南城市学院

教学质量监控与评估处

湘城院评发〔2023〕07号

近期二级学院督导组工作中存在的问题通报

教学质量监控与评估处、学校督导组于第10周对学院督导组工作的开展情况进行了走访和检查，建筑与城市规划学院、土木工程学院、材料与化学工程学院等学院的各项工作完成情况比较好，个别学

6.5Supervision Briefing MaterialsSubmission

Supervision Briefing for Each IssueTimely Submission.Each issue’s materials should follow the template and reflect the highlights and characteristics of the college as much as possible.

市测院2023年上学期第1-5周督导工作小结

市测院2023年上学期第6-9周督导工作小结

市测院2023年上学期第10-14周督导工作小结

市测院2023年上学期第15-18周督导工作小结

市测院2023年下学期第1-4周督导工作小结

市测院2023年下学期第5-9周督导工作小结

市测院2023年下学期第10-13周督导工作小结

市测院2023年下学期第14-18周督导工作小结



6.6Class Inspection and Examination

班级人员	时间	日期
魏煜序	11月28日	星期二

一、教学检查情况

1. 基本情况 (写实教风、学风等方面存在的问题)

共检查行政班级 50 个, 平均到课率 85%, 到课率在 85% 以下的班级 1 个。

2. 检查发现问题的处理意见与整改措施

(1) 学风问题

班级	问题	整改措施	责任人	完成时间	
1.2 节	市训 507	孙良	建筑电气	210230	504
	505	胡万秋	机械设计基础	220230/12	87人
	2-205	刘男良	自然地理学	230210	15人
7.5 节	2-205	刘男良	地球科学概论	230230	14人

加 504 建筑环境工程设计 值班教师 向复梅

21、28 强排 建筑给水排水课程教学设计 刘立辉、刘浩

值班人员	李	时间	12月25日, 星期三
教学检查情况			
1. 基本情况 (写实践教风、学风等方面存在的问题)			
共检查行政班级 个, 平均到课率 %, 到课率在 85% 以下的班级 个。			
2. 检查发现问题的处理意见与整改措施			
(1) 学风问题			
503	课室卫生	较差	较好
504	课室卫生	较差	较好
505	课室卫生	较差	较好
511	课室卫生	较差	较好
513	课室卫生	较差	较好
515	课室卫生	较差	较好
516	课室卫生	较差	较好
(2) 教风问题			
503	课室卫生	较差	较好
504	课室卫生	较差	较好
505	课室卫生	较差	较好
507	课室卫生	较差	较好
508	课室卫生	较差	较好
509	课室卫生	较差	较好
510	课室卫生	较差	较好



值班人员	张继平	时间	11月21日, 星期三
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一、教学检查情况

1. 基本情况 (写实教风、学风等方面存在的问题)  
共检查行政班级\_\_\_\_个, 平均到课率\_\_\_\_%, 到课率在85%以下的班级\_\_\_\_个。

2. 检查发现问题的处理意见与整改措施

(1) 学风问题

12节 507 建筑电气 补足 2023/1 50人  
505 机械制图基础 荆大欣 2023/1/2 87人  
509 工程项目管理 2023/1/2 监考前: 周策、李益智  
501 土木测量 2023/1 监考: 汪华  
509 管理英语 2023/2 曹元志、刘芳良

(2) 教风问题

值班人员	郭文珍	时间	11月13日, 星期一
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一、教学检查情况

1. 基本情况 (写实教风、学风等方面存在的问题)  
共检查行政班级\_\_\_\_个, 平均到课率\_\_\_\_%, 到课率在85%以下的班级\_\_\_\_个。

2. 检查发现问题的处理意见与整改措施

(1) 学风问题

501 自动产线量测 2202603 50人 监考: 周策、李益智  
508 自动产线量测 2202601 40人 监考: 周策、李益智  
509 自动产线量测 2202602 45人 监考: 周策、李益智  
509 自动产线量测 2102302 50人 监考: 周策、李益智  
509 自动产线量测 2102301 50人 监考: 周策、李益智  
509 自动产线量测 2102301 50人 监考: 周策、李益智

(2) 教风问题

值班人员	张继平	时间	12月25日, 星期三
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一、教学检查情况

1. 基本情况 (写实教风、学风等方面存在的问题)  
共检查行政班级\_\_\_\_个, 平均到课率\_\_\_\_%, 到课率在85%以下的班级\_\_\_\_个。

2. 检查发现问题的处理意见与整改措施

(1) 学风问题

503 建筑给水排水工程 2023/1 86人 监考: 周策、李益智  
504 建筑给水排水工程 2023/1 86人 监考: 周策、李益智  
505 建筑给水排水工程 2023/1 86人 监考: 周策、李益智  
511 建筑给水排水工程 2023/1 86人 监考: 周策、李益智  
512 建筑给水排水工程 2023/1 86人 监考: 周策、李益智  
513 建筑给水排水工程 2023/1 86人 监考: 周策、李益智  
514 建筑给水排水工程 2023/1 86人 监考: 周策、李益智  
515 建筑给水排水工程 2023/1 86人 监考: 周策、李益智  
516 建筑给水排水工程 2023/1 86人 监考: 周策、李益智

(2) 教风问题

值班人员	何乃志	时间	2月23日	星期	二
一、教学检查情况					
1. 基本情况 (写实教风、学风等方面存在的问题)					
共检查行政班级 1 个, 平均到课率 85%, 到课率在 85% 以下的班级 1 个。					
2. 检查发现问题的处理意见与整改措施					
(1) 学风问题					
1. 509	《C语言程序设计》	48人	345	杨江合元	2002202
2. 505	《C语言程序设计》	41人	245	杨江合元	2002202
3. 504	《C语言程序设计》	41人	245	杨江合元	2002202
4. 505	《C语言程序设计》	41人	245	杨江合元	2002202
5. 505	《C语言程序设计》	41人	245	杨江合元	2002202
(2) 教风问题					
1. 505	《C语言程序设计》	41人	245	杨江合元	2002202
2. 505	《C语言程序设计》	41人	245	杨江合元	2002202
3. 505	《C语言程序设计》	41人	245	杨江合元	2002202
4. 505	《C语言程序设计》	41人	245	杨江合元	2002202
5. 505	《C语言程序设计》	41人	245	杨江合元	2002202

值班人员	梁煜华
时间	5月31日 星期三
一、教学检查情况	
1. 基本情况 (写实教风、学风等方面存在的问题)	
共检查行政班级 1 个, 平均到课率 85% 以下的班级 1 个。	
2. 检查发现问题的处理意见与整改措施	
(1) 学风问题	
1. 509 水质工程(1)	应考4人, 实考4人 (11分)
梁煜华 副大队长 监考	2002202
2. 505 水质工程(4)	应考45人, 实考45人
张斌, 张腊南 监考	2002202
(2) 教风问题	
1. 509 水质工程(2)	应考45人, 实考45人 (11分)
梁煜华, 梁志辉 监考	
2. 505 水质工程(2)	应考45人, 实考45人
沈祥, 王安 监考	2002202
51 吕文凤	复习指导课
507 龙彩虹	复习指导课
406 建筑用电气安装	吴良立

值班人员	何乃志	时间	6月12日	星期	一
一、教学检查情况					
1. 基本情况 (写实教风、学风等方面存在的问题)					
共检查行政班级 一个, 平均到课率 85%, 到课率在 85% 以下的班级 一个。					
2. 检查发现问题的处理意见与整改措施					
(1) 学风问题					
<p>上午: 201145 = 202 学生意见: 黄永 (201145) 上课讲话多 (10:10 ~ 12:10)</p> <p>下午: 2020101 202 48人 听课 305 听课 305</p> <p>2020102 202 47人 1-412 听课 305 听课 305</p> <p>2020103 202 51人 1-440 听课 305 听课 305</p> <p>黄永 (201145) 上课 听课 305 听课 305</p>					
<p>建设是 202101 听课 305 听课 305 听课 305</p> <p>听课 305 听课 305 听课 305</p>					
(2) 教风问题					
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## 7.1Improvement of the report feedback system

Through the college work QQ group、 WeChat group releases and face-to-face notifications, report the problems and shortcomings in the education and teaching process of the secondary college, and promptly feedback major teaching issues to the relevant functional departments, and report to the leaders of the secondary college。



1. 毕业设计教室走廊和楼道中有时有个别学生抽烟和乱扔烟头，请值班老师或指导老师在平时与学生交流时也加强引导和约束，比督导老师的现场制止更有效。
2. 个别课堂中坐后排的同学有睡觉和玩手机的现象，请任课老师加强课堂管控。
3. 市测楼教室有 5 个教室为大班上课教室，有些老师带上麦克风声音也不大，后排同学可能听不到，建议大教室能安装扩音设备。

1. 在教学材料院内自查自纠工作中发现，部分老师的教学材料中，课程思政内容融入教学大纲、教案及 ppt 中不足。虽然大部分在大纲中体现了课程育人目标，但在具体授课中，例如在教案和 ppt 中，融入课程思政元素和素材仍有欠缺，只有少数几门课程融入了一部分。部分课程的教案与 ppt 以及教学大纲等匹配度仍有提高空间。建议参考学院推荐的示范的格式，按每个课时内容编制教案。个别试卷修改不规范，相关信息没填全、没签字、没分步记分，通过各专业自查，已督促教师整改。

2. 课堂上仍有个别后排或较偏位置上的学生不融入课堂，公然玩手机游戏和睡觉的现象，建议任课老师加强课堂管控，以及班主任老师在与学生日常沟通交流中加强引导。

1. 部分老师课堂教学水平有待提高，建议多向教学竞赛获奖老师取经和学习，以教学竞赛为契机，打磨教学基本功，提高教学水平。

2. 针对教务处在 2023 届本科毕业综合训练中期检查结果的通报中指出的一些不足问题，建议引入淘汰机制、加大督导力度。

1. 目前有多个班级进入了课程设计教学环节，专业教室没有空调，天气炎热，再加上电脑多散热不畅，学生呆在教室里感觉闷热不舒服，对学习状态和效率有所影响；插排牵线混乱，易引发安全事故；设计教室没有投影，不方便老师讲解分析。建议给专业设计教室安装空调，整体布线安装插座，安装投影，使学生有个更舒适安心的设计环境。

2. 督导日常检查中发现，课程设计教室有时缺失指导教师，学生遇到困难得不到及时解答，建议各位指导老师按时按点在教室进行值班。

1. 四五楼教室走廊和楼道中仍然时有个别学生抽烟和乱扔烟头，该现象屡禁不止，建议任课老师在课间发现时及时予以加强引导和约束，并建议师生积极学习《校园控烟倡议书》，从我做起，从现在做起，远离烟草，为创造安全整洁、清新舒适的无烟校园贡献自己的一份力量。

2. 个别课堂中坐后排的同学有睡觉和玩手机的现象，建议任课老师加强课堂管控。

1. 根据对教研室活动记录本的检查中发现，对“三力五化”执行基本到位，但在教师教学能力提升活动（磨课）和教学大纲讨论修改这两方面做得尚且不够，建议在后续的教研室活动中增强这两方面的内容。

2. 多名学生信息员反映，体育课因下雨改为寝室自习，多人睡觉或玩游戏。有同学反映以前一个学期体育课只上过了两次。建议加强这方面的学风引导。

3. 为迎接国卫复审，全院进行大扫，学生志愿者把市测楼教室、走廊、楼梯打扫得整洁卫生，但个别学生仍然对此认识不到位，违反校园控烟的有关事项，且乱扔烟头，建议加强教育和引导。

1. 23级大一新生信息员反映，晨跑要求6点45分集合，睡眠受影响，上午特别是1、2节上课容易犯困。

2. 个别课程设计教室值班老师只有点名考勤的时候在教室，学生遇到提问找不到人答疑。

1. 监考老师或督导在开考时发现个别同学缺考，经班主任联系并劝导，个别同学仍然坚持放弃考试选择以后直接重修，建议相关老师重点关注此类学生的思想动态和学习意愿。

## 12月4日发布

本周工作任务较多，请各专业，各位老师按照时间节点完成。

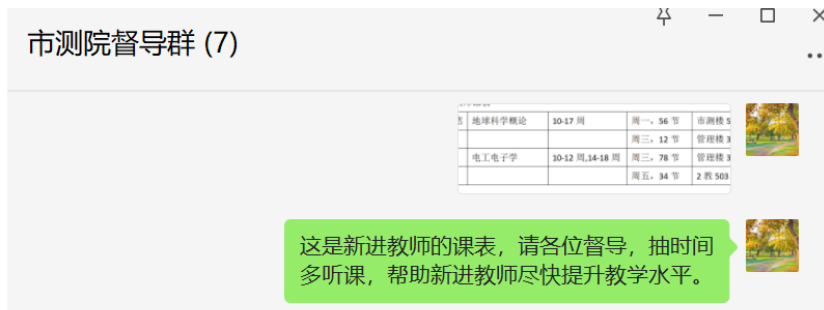
1、教学材料自查，根据工作安排，自查工作已启动两周，目前只有五位老师开展了近三年教学材料的自查工作，都多多少少查出了一些问题，请尚未开展自查工作的老师尽快前往教务办完成此项工作。

2、原定12.1需要完成的个人业务档案整理，目前只有建环专业已整理完成交到办公室，其他部门请尽快完成此项工作。

3、原定12.1需要提交老师们的个人教学材料（大纲，日历，ppt，教案），教务办尚未收到，教务处明天开始进行教学检查，请各教研室尽快将这些材料提交到教务办（交电子版，教案如果没有电子版可以交纸质版）

4、贺春辉、彭婷、王晨光、盛建武、舒金锴、王安、席振、彭志宏、刘芬良、方新、杨亚夫，请今天（12.4）提交导师制中期检查材料以备教务处检查，交教务办。

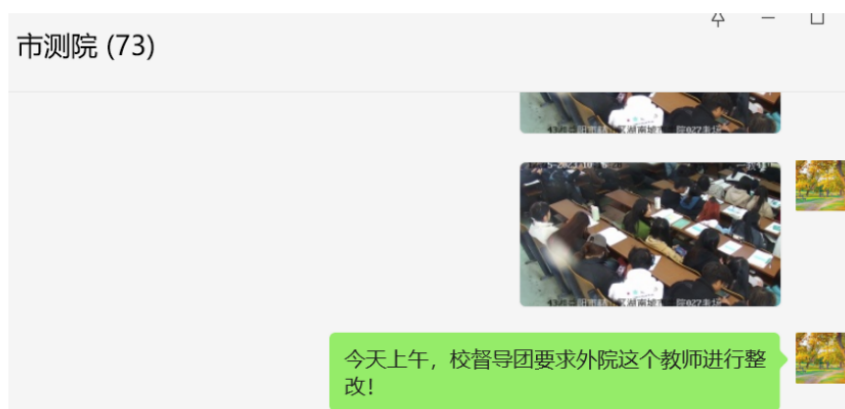
5、12.7为经典教案、课程思政优秀教案和精小案例提交截止日期，申报材



12 月 4 日 56 节在市测楼 509, 薛云和鄢志辉听新进教师唐欲然讲授《地球科学概论》。课后进行了评课。指出了课堂教学存在的问题及改进的方向。

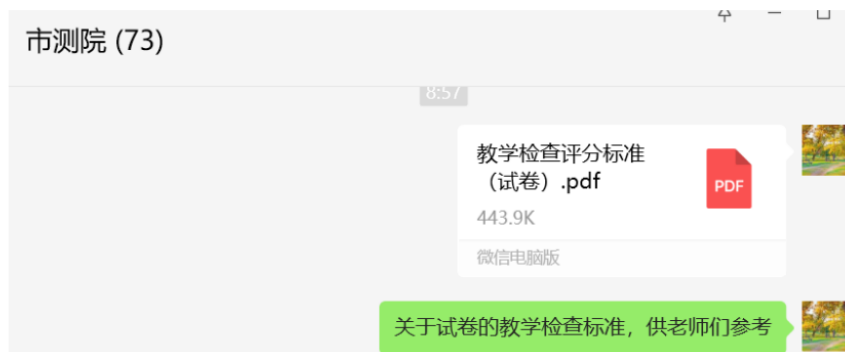
12 月 5 日

将校督导的发现问题发到院群, 以警示。



12 月 6 日

将教学检查资料发到群里, 以提醒老师们按规范办事



12月21日

**湖南城市学院课堂教学检查听课表**

课程名称: 财务管理      任课教师: 王      听课教师: 王      听课日期: 2013.11.10  
 授课地点: 经管楼      学时: 2      教材名称: 会计学      教材章节: 第1章      听课人数: 1

听课记录: 2) 听课

听课日期: 2013.11.10      听课地点: 经管楼      听课教师: 王      听课人数: 1

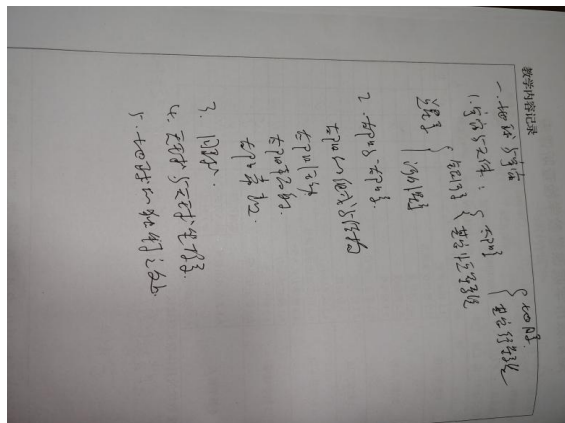
评价项目	评价内容	评价结果			
		A	B	C	D
1 教学态度	1.1 教师素质		✓		
	1.2 教师仪表风范		✓		
	1.3 信息量		✓		
	1.4 教学态度		✓		
2 教学内容	2.1 准确性		✓		
	2.2 重点与难点		✓		
3 教学方法	3.1 适宜性		✓		
	3.2 创造性		✓		
4 教学基本功	4.1 课堂组织			✓	
	4.2 语言表述与逻辑性		✓		
	4.3 教学方式方法		✓		
	4.4 教学技能		✓		
5 教学效果	5.1 课堂互动		✓		
	5.2 师生互动		✓		
	5.3 学生获得感		✓		
6 教书育人	6.1 思想文化教育		✓		
	6.2 创新创业教育		✓		
	6.3 素质拓展		✓		

对课堂教学的总体意见或建议:

讲课内容很扎实      会计知识很扎实  
 王

听课时间: 2013 年 11 月 10 日, 星期 一, 第 5 节

听课地点: 经管楼      同时参与听课人员: 王





[illegible][illegible]

解法一：  
 设该班有  $x$  人，则  
 由题意得：  

$$x - 10 = 2(x - 10)$$

$$x - 10 = 2x - 20$$

$$x = 10$$
 答：该班有 10 人。

(1) 对数函数性质  
 连续性: 对数函数在定义域内是连续的。  
 可导性: 对数函数在定义域内是可导的。  
 单调性: 对数函数在定义域内是单调递增的。  
 奇偶性: 对数函数既不是奇函数也不是偶函数。  
 周期性: 对数函数不是周期函数。  
 对称性: 对数函数的图像关于 y 轴对称。

[illegible]

序	项	目	A	B	C	D
1	1. 项目背景					
2	2. 项目组织与成员					
3	3. 项目范围					
4	4. 项目成本					
5	5. 项目质量					
6	6. 项目沟通					
7	7. 项目风险管理					
8	8. 项目采购管理					
9	9. 项目收尾					
10	10. 项目总结					
11	11. 项目评价					
12	12. 项目改进					
13	13. 项目案例					
14	14. 项目参考文献					
15	15. 项目附录					
16	16. 项目致谢					
17	17. 项目其他					
18	18. 项目总结					
19	19. 项目评价					
20	20. 项目改进					
21	21. 项目案例					
22	22. 项目参考文献					
23	23. 项目附录					
24	24. 项目致谢					
25	25. 项目其他					
26	26. 项目总结					
27	27. 项目评价					
28	28. 项目改进					
29	29. 项目案例					
30	30. 项目参考文献					
31	31. 项目附录					
32	32. 项目致谢					
33	33. 项目其他					
34	34. 项目总结					
35	35. 项目评价					
36	36. 项目改进					
37	37. 项目案例					
38	38. 项目参考文献					
39	39. 项目附录					
40	40. 项目致谢					
41	41. 项目其他					
42	42. 项目总结					
43	43. 项目评价					
44	44. 项目改进					
45	45. 项目案例					
46	46. 项目参考文献					
47	47. 项目附录					
48	48. 项目致谢					
49	49. 项目其他					
50	50. 项目总结					
51	51. 项目评价					
52	52. 项目改进					
53	53. 项目案例					
54	54. 项目参考文献					
55	55. 项目附录					
56	56. 项目致谢					
57	57. 项目其他					
58	58. 项目总结					
59	59. 项目评价					
60	60. 项目改进					
61	61. 项目案例					
62	62. 项目参考文献					
63	63. 项目附录					
64	64. 项目致谢					
65	65. 项目其他					
66	66. 项目总结					
67	67. 项目评价					
68	68. 项目改进					
69	69. 项目案例					
70	70. 项目参考文献					
71	71. 项目附录					
72	72. 项目致谢					
73	73. 项目其他					
74	74. 项目总结					
75	75. 项目评价					
76	76. 项目改进					
77	77. 项目案例					
78	78. 项目参考文献					

度	1. 参加校运动会	A	√
度	2. 参加校运动会	B	√
度	3. 参加校运动会	C	√
度	4. 参加校运动会	D	√
度	5. 参加校运动会	E	√
度	6. 参加校运动会	F	√
度	7. 参加校运动会	G	√
度	8. 参加校运动会	H	√
度	9. 参加校运动会	I	√
度	10. 参加校运动会	J	√
度	11. 参加校运动会	K	√
度	12. 参加校运动会	L	√
度	13. 参加校运动会	M	√
度	14. 参加校运动会	N	√
度	15. 参加校运动会	O	√
度	16. 参加校运动会	P	√
度	17. 参加校运动会	Q	√
度	18. 参加校运动会	R	√
度	19. 参加校运动会	S	√
度	20. 参加校运动会	T	√
度	21. 参加校运动会	U	√
度	22. 参加校运动会	V	√
度	23. 参加校运动会	W	√
度	24. 参加校运动会	X	√
度	25. 参加校运动会	Y	√
度	26. 参加校运动会	Z	√
度	27. 参加校运动会	AA	√
度	28. 参加校运动会	AB	√
度	29. 参加校运动会	AC	√
度	30. 参加校运动会	AD	√
度	31. 参加校运动会	AE	√
度	32. 参加校运动会	AF	√
度	33. 参加校运动会	AG	√
度	34. 参加校运动会	AH	√
度	35. 参加校运动会	AI	√
度	36. 参加校运动会	AJ	√
度	37. 参加校运动会	AK	√
度	38. 参加校运动会	AL	√
度	39. 参加校运动会	AM	√
度	40. 参加校运动会	AN	√
度	41. 参加校运动会	AO	√
度	42. 参加校运动会	AP	√
度	43. 参加校运动会	AQ	√
度	44. 参加校运动会	AR	√
度	45. 参加校运动会	AS	√
度	46. 参加校运动会	AT	√
度	47. 参加校运动会	AU	√
度	48. 参加校运动会	AV	√
度	49. 参加校运动会	AW	√
度	50. 参加校运动会	AX	√
度	51. 参加校运动会	AY	√
度	52. 参加校运动会	AZ	√
度	53. 参加校运动会	BA	√
度	54. 参加校运动会	BB	√
度	55. 参加校运动会	BC	√
度	56. 参加校运动会	BD	√
度	57. 参加校运动会	BE	√
度	58. 参加校运动会	BF	√
度	59. 参加校运动会	BG	√
度	60. 参加校运动会	BH	√
度	61. 参加校运动会	BI	√
度	62. 参加校运动会	BJ	√
度	63. 参加校运动会	BK	√
度	64. 参加校运动会	BL	√
度	65. 参加校运动会	BM	√
度	66. 参加校运动会	BN	√
度	67. 参加校运动会	BO	√
度	68. 参加校运动会	BP	√
度	69. 参加校运动会	BQ	√
度	70. 参加校运动会	BR	√
度	71. 参加校运动会	BS	√
度	72. 参加校运动会	BT	√
度	73. 参加校运动会	BU	√
度	74. 参加校运动会	BV	√
度	75. 参加校运动会	BW	√
度	76. 参加校运动会	BX	√
度	77. 参加校运动会	BY	√
度	78. 参加校运动会	BZ	√
度	79. 参加校运动会	CA	√
度	80. 参加校运动会	CB	√
度	81. 参加校运动会	CC	√
度	82. 参加校运动会	CD	√
度	83. 参加校运动会	CE	√
度	84. 参加校运动会	CF	√
度	85. 参加校运动会	CG	√
度	86. 参加校运动会	CH	√
度	87. 参加校运动会	CI	√
度	88. 参加校运动会	CJ	√
度	89. 参加校运动会	CK	√
度	90. 参加校运动会	CL	√
度	91. 参加校运动会	CM	√
度	92. 参加校运动会	CN	√
度	93. 参加校运动会	CO	√
度	94. 参加校运动会	CP	√
度	95. 参加校运动会	CQ	√
度	96. 参加校运动会	CR	√
度	97. 参加校运动会	CS	√
度	98. 参加校运动会	CT	√
度	99. 参加校运动会	CU	√
度	100. 参加校运动会	CV	√
度	101. 参加校运动会		

序号	考核项目	考核日期	A	B	C	D
1	1.1 课程简介					
2	1.2 教学团队及风采					
3	1.3 教学理念					
4	1.4 教学设备					
5	2.1 教学目标					
6	2.2 重点与难点					
7	3.1 教学过程					
8	3.2 教学评价					
9	1.1 课程资源					
10	4.2 教学与资源链接					
11	4.3 教学方案方法					
12	5.1 课程思政能力					
13	5.2 学生互动					
14	5.3 教学总结					
15	6. 思政育人评价					
16	7. 育人效果评价					

湖南城市学院课堂教学检查听课记录表

听课教师: 王华 听课日期: 2019年11月27日 第 1 课 第 1 节

授课教师: 王华 授课日期: 2019年11月27日 第 1 课 第 1 节

授课地点: 湖南城市学院 听课地点: 湖南城市学院

授课内容: 湖南城市学院 听课内容: 湖南城市学院

授课方法: 湖南城市学院 听课方法: 湖南城市学院

授课效果: 湖南城市学院 听课效果: 湖南城市学院

授课人: 王华 听课人: 王华

授课时间: 2019年11月27日 第 1 课 第 1 节

听课地点: 湖南城市学院 听课日期: 2019年11月27日 第 1 课 第 1 节

湖南城市学院课堂教学检查听课记录表

听课教师: 王华 听课日期: 2019年11月27日 第 1 课 第 1 节

授课教师: 王华 授课日期: 2019年11月27日 第 1 课 第 1 节

授课地点: 湖南城市学院 听课地点: 湖南城市学院

授课内容: 湖南城市学院 听课内容: 湖南城市学院

授课方法: 湖南城市学院 听课方法: 湖南城市学院

授课效果: 湖南城市学院 听课效果: 湖南城市学院

授课人: 王华 听课人: 王华

授课时间: 2019年11月27日 第 1 课 第 1 节

听课地点: 湖南城市学院 听课日期: 2019年11月27日 第 1 课 第 1 节

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听课教师: 王华 听课日期: 2019年11月27日 第 1 课 第 1 节

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授课地点: 湖南城市学院 听课地点: 湖南城市学院

授课内容: 湖南城市学院 听课内容: 湖南城市学院

授课方法: 湖南城市学院 听课方法: 湖南城市学院

授课效果: 湖南城市学院 听课效果: 湖南城市学院

授课人: 王华 听课人: 王华

授课时间: 2019年11月27日 第 1 课 第 1 节

听课地点: 湖南城市学院 听课日期: 2019年11月27日 第 1 课 第 1 节

湖南城市学院课堂教学检查听课记录表

听课教师: 王华 听课日期: 2019年11月27日 第 1 课 第 1 节

授课教师: 王华 授课日期: 2019年11月27日 第 1 课 第 1 节

授课地点: 湖南城市学院 听课地点: 湖南城市学院

授课内容: 湖南城市学院 听课内容: 湖南城市学院

授课方法: 湖南城市学院 听课方法: 湖南城市学院

授课效果: 湖南城市学院 听课效果: 湖南城市学院

授课人: 王华 听课人: 王华

授课时间: 2019年11月27日 第 1 课 第 1 节

听课地点: 湖南城市学院 听课日期: 2019年11月27日 第 1 课 第 1 节

### 7.3The accountability system for interviews is serious

Formulate the management measures for the teaching supervision work of the municipal measurement institute, implement a consultation system, and urge the fulfillment of responsibilities. Personal matters discovered during teaching inspections will be discussed by the college dean and the supervisor; matters related to relevant departments will be discussed by the vice dean of teaching or the relevant college leaders. The consultations are serious and focused on practical results, with a deadline for rectification. Strengthen the accountability system and strictly pursue responsibility. For departments that fail to complete rectification tasks and individuals who are perfunctory and ineffective in rectification, the supervision team will prepare written materials on teaching quality accountability issues, report to the leaders of the secondary college, and hold relevant departments and individuals accountable.

# 湖南城市学院市政与测绘工程学院

市测院[2023] 11 号



## 市政与测绘工程学院教学督导工作管理办法

根据湖南城市学院教学督导工作条例(湘城院发〔2019〕32号),  
现制定市政与测绘工程学院教学督导工作管理办法。

**第一条** 为充分发挥教学督导在教学质量方面的督教、督学、督  
管等积极作用,监督与促进国家教育方针、学校各项规章制度的贯彻

In response to the discovery of a high number of students playing on their phones and sleeping during the "Gas Transmission and Distribution" course in the City Measurement Building 509, I immediately informed Dean Xiang Xinan, who criticized the teacher on the spot and required the students to reaffirm discipline requirements. Afterwards, Dean Xiang and the supervisor group leader jointly criticized the teacher involved, analyzed the reasons, and required them to come up with corrective measures. The supervisor group then conducted long-term classroom observations, tracked classroom teaching, and helped improve teaching methods, quality, and standards.

New teachers in Room 509 of the City Testing Building are teaching the "Introduction to Earth Sciences" course, with a relatively high number of students playing on their phones and sleeping. After class, the supervision team conducted on-site evaluations to help improve their teaching methods and enhance the quality and level of instruction. Subsequent long-term follow-up observations showed some improvement in classroom effectiveness.

3. 学院督导把校督导检查过程中发现的课堂教学不良现象及时向学院领导反馈。学院领导对于师生们反映的问题也积极予以解决,不仅多次提醒教师督促学生课后及时关门关电和打扫卫生,而且发现因学生电脑和排插较多以及天气炎热等原因而导致专业设计教室酷热难耐的问题后,向学校申请安装空调并得到及时解决,给师生创造一个相对舒适的教学环境,获得大家一致称赞。同时,向夏楠副院长在学院工作群和督导群中公布了新修订的《市政与测绘工程学院教学督导工作管理办法》。学院领导对督导工作的大力支持是学院督导工作有序高质开展的有力保证。



1. 第5周,学院加强对实践教学工作的督查,特别加强常态化实验室安全检查,安全无小事,涉及到易制毒易制爆实验耗材的存放,按照公安机关和学校相关规定,严格规范登记入库和申领程序。



2. 学校启动了2023年青年教师导师制,我院参加导师制的青年教师欧亮男、唐欲然、王林和田柳在导师曹元志、刘芬良、陈文和向夏楠的指导下,严格按照《湖南城市学院青年教师导师制实施办法(修订)》开展相关工作。督导组按照督导工作条例的要求,确定以上述四位参加导师制的新进教师为重点帮扶对象,深入其课堂听课评课以及督促教研室帮助其磨课。



班子、督导组、系室主任和党支部书记组成检查组,分两组进行,检查内容为:(1)每个专业最新人才培养方案里市测院承担的所有课程的教学大纲、教学日历、教案和教学课件;(2)最近三年(2020-2021 学年、2021-2022 学年、2022-2023 学年)的课程考核材料、毕业综合训练、实习档案。每个小组将检查出的问题及涉及人记录下来。在检查中发现存在不少问题,由教学副院长向夏楠汇总后将检查结果通知各教研室主任,每个老师根据检查发现的问题进行积极整改,学院对后续整改情况持续跟踪检查。



### 1、老师个人教学材料方面问题汇总

#### 1、教学大纲

1) 未按模板排版,格式不统一,包括字体、行距等。也有整体不美观的情况。

2) 缺少“六 课程思政设计”这个标题。

### 3、实践教学材料方面(毕业设计)

1. 封面字体不对,应为楷体;

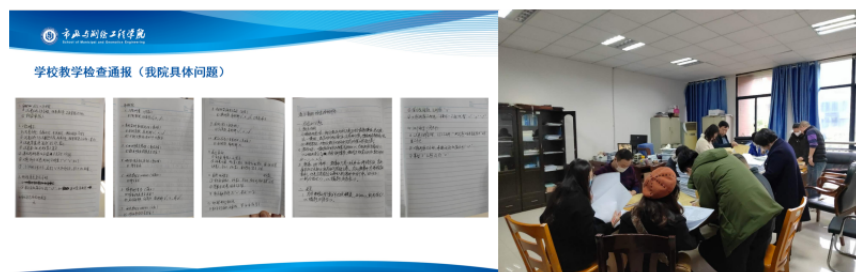
2. 部分表格中的“(论文)”未按要求删除;

3. 题目名称在各个表格(如任务书、开题报告、中期检查表、成绩评定表、图纸等)中写法各异,前后不一致;

4. 教师指导评阅没有评语只有签字;



第6周周四下午（2023.03.23），市测院开展院内教学材料自查自纠工作。饶迎书记、黎永索院长、向夏楠教学院长带队，率领院督导、各教研室主任、近三年新入职教师在院教务办对全院教师提交的教学材料进行检查，教学检查材料为2022年全年至今的教学日历、教学大纲、教案、ppt以及期末试卷等。教学副院长向夏楠公布了“教学工作阶段性总结相关文件”，内含教学大纲、教学日历和教案范例、教学检查反馈我院的意见、学院教学工作阶段性总结等内容。通过自查自纠工作，有效督促教师们查漏补缺，对完善教学材料和提升教学水平、迎接2024年本科教学评估做好准备。



**Provincial First-Class Major Construction (Water Supply and Drainage Science and Engineering)**  
**2021 Annual Work Summary**

**1. Basic Overview**

Water Supply and Drainage Science and Engineering major was established in 1984, in 2003 September began to enroll the first undergraduate students in water supply and drainage engineering; In 2012, jointly trained master's students with Shantou University, Shenyang Jianzhu University and other universities; In 2013, it was renamed as Water Supply and Drainage Science and Engineering major and has been used to this day; In 2009, it was approved as a specialty major of Hunan Province ordinary higher education institutions, in 2016, it was approved as the comprehensive reform pilot project of ordinary higher education institutions in Hunan Province during the 13th Five-Year Plan, in 2019, it was approved as the first-class undergraduate major construction point in Hunan Province; In 2014, it was awarded the demonstration base for industry-university-research cooperation in ordinary higher education institutions in Hunan Province; In 2019, it obtained the Hunan Province drinking water quality safety guarantee engineering technology research center; In 2020, the application for professional certification was accepted by the Ministry of Housing and Urban-Rural Development. Current full-time teachers 14 people (professors 2 people, associate professors 4 people, doctors 7 people), full-time undergraduate students on campus 349 people.

**Provincial First-Class Major Construction (Water Supply and Drainage Science and Engineering)**  
**2022 Annual Work Plan**

**One、Annual Work Plan**

year	Work plan	Remarks
2021.03-2021.06	Revision of talent training program: Organize teachers to visit brother colleges and well-known enterprises for investigation and study, and hold seminars;  Organize the application for high-quality courses and develop online open courses  Revise the teaching syllabus according to OBE concept;	

	Organize teachers to study professional engineering education accreditation documents, and organize teachers to Guangdong University of Technology and other relevant universities to learn about accreditation experience, striving to pass the professional accreditation from the Ministry of Housing and Urban-Rural Development this year.	
2021.07-2021.09	<p>Faculty team construction: Dispatch 1-2 teachers for golden courses and virtual simulation experiment course training; introduce relevant professional PhDs 1-2 people.</p> <p>Disciplinary competitions: Funding for teachers and students to participate in various disciplinary competitions.</p> <p>First-class major declaration: Declare a national first-class major.</p>	
2021.10-2021.12	<p>"Gold Course" Construction: Gold Course Team 1 team, Gold Course 2 courses, cultivate Gold Course 2~3 courses; strive to obtain approval for provincial-level first-class courses or provincial-level high-quality online courses 1-2 courses;</p> <p>2、Construction of Online Open Courses: Funding 3~6 courses;</p> <p>3、Textbook Writing: Funding 1~2 copies published;</p> <p>4、Faculty team construction: sending 2~4 teachers to learn cutting-edge technology in this field, talent introduction, etc.;</p> <p>5、Hardware condition construction: Construction of central financial projects and double first-class discipline conditions;</p> <p>6、Subject Competitions: Organize students to participate in subject competitions, and conduct effective training, etc.;</p> <p>7、Student Graduate Entrance Examination: Organizing professional course tutoring and Q&amp;A, and communication work with graduate examination schools;</p> <p>8 Research and teaching reform: Funding teachers to carry out research and teaching reform work;</p> <p>9、School-enterprise cooperation: expand internship bases and promote the integration of industry and education.</p>	

### 3. Annual Expected Goals

1、**"Golden Course" construction**: strive for provincial first-class courses 1 course, university-level Golden Courses 2-3 courses.

2、**Engineering Education Accreditation**: Strive to pass the Ministry of Housing and Urban-Rural Development Engineering Education Accreditation.

3、 **Construction of the Teaching Staff:** Strive to obtain 1-2 talent project items; introduce 1-3 doctors, send 2~3 teachers to participate in frontier technology training.

4、 **Textbook Compilation:** Strive to publish 1-2 books.

5、 **Condition construction:** Renovation of professional laboratories and basic laboratories, increasing the number of sets of professional instruments and equipment.

6、 **Student Achievements:** Students won provincial-level subject competitions 1-3 awards; organized professional course tutoring and Q&A, and communicated with graduate schools; guided students to publish papers 1-3 articles.

7、 **Teaching Research and Reform:** Teachers carry out teaching research and reform work, obtaining provincial-level teaching reform projects 1 item and publishing teaching reform papers 4~6 articles, applying for teaching achievements 1~2 items.

8、 **School-enterprise cooperation:** Expand internship bases 1-2 units. Promote integration of industry and education.

9、 **Talent Training Program:** Develop and implement.

#### 4. Budget for Fund Usage Details

Serial number	Project Name	Planned funding (Unit: ten thousand yuan)	Remarks
1	Expert lectures, expert consultations, investigation and exchange, etc	4.0	
2	Course resource development, educational reform, school-enterprise cooperation, teaching materials, books and materials, printing	3.5	
3	Teacher enterprise training, teaching competition	1.0	
4	Student achievements, subject competitions	0.5	
Total		9.0	

#### 5. Other issues that need to be explained

None.



# **Provincial First-Class Major Construction (Water Supply and Drainage Science and Engineering)** **2021 Annual Work Summary**

## **1. Basic Overview**

Water Supply and Drainage Science and Engineering major was established in 1984, in 2003 September began enrolling the first undergraduate students in water supply and drainage engineering; In 2012, jointly trained master's students with Shantou University, Shenyang Jianzhu University, and other universities; In 2013, it was renamed to Water Supply and Drainage Science and Engineering major, which is still in use today; In 2009, it was approved as Hunan Province specialty major of ordinary colleges and universities, in 2016, it was approved as Hunan Province ordinary colleges and universities "13th Five-Year Plan" comprehensive reform pilot project, in 2019, it was approved as Hunan Province first-class undergraduate major construction point; In 2014, it obtained Hunan Province ordinary colleges and universities industry-university-research cooperation demonstration base; In 2019, it obtained Hunan Province drinking water quality safety guarantee engineering technology research center; In 2020, it passed the professional certification by the Ministry of Housing and Urban-Rural Development, taking the lead in breaking through professional certification; currently actively applying for the Water Supply and Drainage Science and Engineering major to be included in the national first-class undergraduate major construction list. Current full-time teachers 16 people (professors 3 people, associate professors 3 people, doctors 7 people), full-time undergraduate students on campus 350 people.

## **2. Work Performance**

### **(One)、Key Results**

1、The Water Supply and Drainage Science and Engineering program has passed the professional certification by the Ministry of Housing and Urban-Rural Development, leading the way in professional certification.

2、Awarded 2 projects from the Hunan Provincial Natural Science Foundation 2 projects, including 1 general project 1 project (Zhang Chun) and 1 joint provincial and municipal fund project 1 project (Wang Aihe); 1 youth project from the Hunan Provincial Department of Education 1 project (Li Yuanping); Applied for the Hunan Provincial Science and Technology Award 1 project (Zhang Wei); "Demonstration Case of Scientific Research and Education in Water Supply and Drainage Engineering" selected as one of the "Top Ten" educational demonstration cases in Hunan Province's universities (Zhang Wei).

3、Newly added professor1 person (Wang Aihe), introduced newly added PhDs2 people (Sheng Jianwu, Wang Yang)。

(2)、Publication status of the paper

Auth orName	Article Title	Published journal	Publication date and volume (issue) number	Response Situation
Wang Aihe	Based on"Gender and Degree"Research on the Construction of High-Quality Courses for Building Water Supply and Drainage Engineering	Housing and Real Estate	2021, (16):240-241	
Jiang Haiyan	The adsorption mechanism of sodium alginate composite membrane for removingCu(II) from water	Guangdong Chemical	2021, 48(06): 94-95	Provincial and ministerial level
Chi Nianping	Research on the Construction of a Curriculum Teaching Evaluation System for the Water Supply and Drainage Science and Engineering Major in Local Universities Based on the OBE Concept	Contemporary Educational Practice and Teaching Research	2021.07	Provincial journal
Li Yuanping	Exploration of the Construction of First-Class Undergraduate Courses——Taking Hydraulic Teaching Reform as an Example	Modern commercial trade industry	2021, 42 (20)	Provincial journal
Li Yuanping	Analysis of the Importance and Construction Ideas of "Golden Courses" in Local Application-oriented Undergraduate Colleges	Education Teaching Forum	2020, (50)	Provincial journal
Zhang Wei	Optimization of modified oyster shell powder preparation and its adsorption performance for glyphosate	Industrial water treatment	2021,09	Core Journals, CSCDExtended Edition
Zhang Wei	TiO <sub>2</sub> Progress in the Application of TiO <sub>2</sub> -based Photocatalysts in Pesticide Wastewater Treatment	Journal of Hunan City University(Natural Science Edition)	2021,30 (06)	Provincial journal
Shu Jinkai	Research Progress on Cavitation and Its Applications	Journal of Hunan City University(Natural Science Edition)	2021,30 (06)	Provincial journal

Wang Caiwen	Reform and Exploration of Practical Teaching in Water Supply and Drainage Science and Engineering Aimed at Solving Complex Engineering Problems	Global Market	2021,34	Provincial journal
Zhang Wei	Research Status of Glyphosate Wastewater Treatment Technology	Journal of Hunan City University(Natural Science Edition)	2021,05	Provincial journal

(Three), Patent Authorization Status

Author's name	Project Name	Type of achievement	Application number	Authorization date
Zhou Jun	A temperature control water-saving devicebased onPLC	Utility model patent	ZL 2020 2 2051955.3	20210608
Zhou Jun	Suspended three-dimensional electrolytic fixed bed	Utility model patent	ZL 202022546959.9	20210706

(Four)、Publication Status

author	Title of the work	Publishing unit	Publication date	ISBNnumber	Category of works
Wang Aihe	Research on the defluorination performance of granular ternary metal composite oxides	Central South University Press	2021Year4 Month	978-7-5487-4399-6	985University Press

(Five)、Project Undertaking Situation

Serial number	Project Name	Project type	Person in charge	Project initiation time
1	Modified Shell Powder/Ce-N-TiO <sub>2</sub> Study on the Mechanism of Adsorption and Photocatalytic Degradation of Typical Dissolved Organic PhosphorusD010107	National Natural Science Foundation General Project	Zhang Wei	2020
2	Arsenic and alkali in abandoned antimony mining areasMigration, transformation, source control, and mechanisms of heavy metal antimony in slag2021JJ30080	Hunan Provincial Natural Science Foundation General Project	ZhangChun	2021
3	Biological Template Method for Preparing Porous Particulate Materials of Ternary Metal Composite Oxides	Hunan Provincial Natural Science Foundation Joint	Wang Aihe	2021



	and Study on the Mechanism of Sulfate Removal2021JJ50152	Fund with Municipalities		
4	Research on the Mechanism of Microbial Remediation of Polybrominated Diphenyl Ether Contaminated Sediment Based on Biochar Enhancement2020JJ5019	Hunan Provincial Natural Science Foundation Youth Project	Li Yuanping	2020
5	Optimization of the preparation and efficient deep defluorination mechanism of magnetic ternary metal composite oxide particle adsorbents20A089	Key Project of the Hunan Provincial Department of Education	Wang Aihe	2020

# **Provincial First-Class Major Construction (Water Supply and Drainage Science and Engineering)** **2022 Annual Work Plan**

## **1. Basic Overview**

Water Supply and Drainage Science and Engineering major was established in 1984, in 2003 September began enrolling the first undergraduate students in water supply and drainage engineering; In 2012, jointly trained master's students with Shantou University, Shenyang Jianzhu University, and other universities; In 2013, it was renamed to Water Supply and Drainage Science and Engineering major, which is still in use today; In 2009, it was approved as Hunan Province specialty major of ordinary colleges and universities, in 2016, it was approved as Hunan Province ordinary colleges and universities "13th Five-Year Plan" comprehensive reform pilot project, in 2019, it was approved as Hunan Province first-class undergraduate major construction point; In 2014, it obtained Hunan Province ordinary colleges and universities industry-university-research cooperation demonstration base; In 2019, it obtained Hunan Province drinking water quality safety guarantee engineering technology research center; In 2020, it passed the professional certification by the Ministry of Housing and Urban-Rural Development, taking the lead in breaking through professional certification; currently actively applying for the Water Supply and Drainage Science and Engineering major to be included in the national first-class undergraduate major construction list. Current full-time teachers 16 people (professors 3 people, associate professors 3 people, doctors 7 people), full-time undergraduate students on campus 350 people.

## **2. Annual Work Plan**

year	Work plan	Remarks
2022.03- 2022.06	<p>In-depth and comprehensive development of ideological and political education in courses, with a model of full participation, throughout the process, and across all courses, aligns all courses in this major with ideological and political theory courses, creating a synergistic effect;</p> <p>According to OBE concept revised teaching syllabus: Organize a seminar for teachers to exchange ideas;</p> <p>Organize the application for high-quality courses and develop online open courses</p>	

	<p>Formation and application of the research team for water supply and drainage;</p> <p>Plan to establish an "Intelligent Water Management" Excellence Class;</p> <p>Seriously complete the rectification work for professional certification and actively carry out comprehensive evaluation work for the profession; promote the connotation construction of the profession;</p> <p>Seize the opportunity to actively apply for the inclusion of the Water Supply and Drainage Science and Engineering program in the national first-class undergraduate program construction list, vigorously promote the modernization of the program, and continuously carry out dynamic optimization and adjustment of the program structure.</p>	
2022.07-2022.09	<p>Faculty team construction: dispatch 1-2 teachers for golden courses and virtual simulation experiment course training; introduce relevant professional PhDs 1-2 people;</p> <p>Disciplinary competitions: Funding for teachers and students to participate in various disciplinary competitions.</p> <p>Plan to apply for a provincial key laboratory</p>	
2022.10-2022.12	<p>"Gold Course" Construction: Gold Course Team 1 team, Gold Course 2 courses, cultivate Gold Course 2~3 courses; strive to obtain approval for provincial-level first-class courses or provincial-level high-quality online courses 1-2 courses;</p> <p>2、Construction of Online Open Courses: Funding 3~6 courses;</p> <p>3、Textbook Writing: Funding 1~2 copies published;</p> <p>4、Faculty team construction: Sending 2~4 teachers to study the cutting-edge technology of this profession; Talent introduction, etc.;</p> <p>5、Hardware condition construction: Construction of central financial projects and double first-class discipline conditions;</p> <p>6、Subject Competitions: Organize students to participate in subject competitions, and conduct effective training, etc.;</p> <p>7、Student Graduate Entrance Examination: Organizing professional course tutoring and Q&amp;A, communication with graduate examination schools;</p> <p>8 Research and teaching reform: Funding teachers to carry out research and teaching reform work;</p> <p>9、School-enterprise cooperation: expand internship bases and promote the integration of industry and education.</p>	

### 3. Annual Expected Goals

1、**“Golden Course” construction**: strive for provincial first-class courses1 course, university-level Golden Courses2-3 courses.

2、**Engineering Education Accreditation**: Ensure to pass the Ministry of Housing and Urban-Rural Development Engineering Education Accreditation.

3、**Construction of the Teaching Staff**: Strive to obtain 1-2 talent project items; introduce 1-3 doctors, send 2~3 teachers to participate in frontier technology training.

4、**Textbook Compilation**: Strive to publish 1-2 books.

5、**Condition construction**: Renovation of professional laboratories and basic laboratories, increasing the number of professional instruments and equipment. Plan to apply for an upgraded key laboratory.

6、**Student Achievements**: Students won provincial-level subject competitions 1-3 awards; organized professional course tutoring and Q&A, and communicated with graduate schools; guided students to publish papers 1-3 articles.

7、**Teaching Research and Reform**: Teachers carry out teaching research and reform work, obtaining provincial-level teaching reform projects 1 item and publishing teaching reform papers 4~6 articles, applying for teaching achievements 1~2 items.

8、**School-enterprise cooperation**: Expand internship bases 1-2 units. Promote integration of industry and education.

9、**Talent Training Program**: Develop and implement.

#### 4. Budget for Fund Usage Details

Serial number	Project Name	Planned funding (Unit: ten thousand yuan)	Remarks
1	Expert lectures, expert consultations, investigation and exchange, etc	4.0	
2	Course resource development, educational reform, school-enterprise cooperation, teaching materials, books and materials, printing	3.5	
3	Teacher enterprise training, teaching competition	2.0	

4	Student achievements, subject competitions	2.0	
Total		11.5	

## 5. Other issues that need to be explained

None.

## **Provincial First-Class Major Construction (Water Supply and Drainage Science and Engineering) 2022 Annual Work Summary**

The major of Water Supply and Drainage Science and Engineering was approved in 2019 as a first-class undergraduate program construction point in Hunan Province, under the correct leadership of the school, and through the joint efforts of all teachers and students, in May 2021, it passed the professional evaluation (certification) by the Ministry of Housing and Urban-Rural Development, becoming the first in the school to break through professional certification. Based on the provincial first-class professional construction, it is currently actively applying for selection into the national first-class undergraduate program construction list. In addition to the above-mentioned landmark achievements, the Water Supply and Drainage Science and Engineering major has closely focused on "first-class professional construction", curriculum development, faculty construction, teaching work, and research work in 2022, comprehensively carrying out efforts to promote the connotation construction of the major, achieving certain results in teaching and research, and the summary is as follows.

### **One, Work Performance**

#### **(1) Key Achievements**

Received the Hunan Provincial Natural Science Foundation (Provincial and Municipal Joint Fund) project 3 projects (Chi Nianping, Wang Yang, Zhou Jun); Key project of Hunan Provincial Department of Education 1 project (Chi Nianping); General project of Hunan Provincial Department of Education 1 project (Wang Yang); One of the top ten scientific and technological workers in water supply and drainage in Hunan Province 1 person (Zhang Wei); Teacher Chi Nianping was promoted to professor, and Teacher Li Yuanping was promoted to associate professor, enhancing the composition level of our water supply and drainage faculty; The enrollment of the Water Supply and Drainage Science and Engineering major is good, and in 2022 the second semester, an additional teaching class was added, currently there are three classes, gradually developing talent training in the field of "smart water management".

#### **(2) Complete the revision of the teaching syllabus**

In line with the revised 2021 talent training program, the teaching outlines for all courses in this major have been revised, laying the groundwork for the mid-term review of professional accreditation in 2023.

(3) The regular teaching management and the promotion of the "Three Forces and Five Transformations" in the teaching and research office are progressing in an orderly manner

DepartmentCurrent full-time teachers16people (Professors3people, Associate Professors3people, Doctors7people), full-time undergraduate students on campus350people.Among them1laboratory full-time teacher,2in-service doctors, this yearthe department completedthe18、 19、 20、 21、 22level teaching tasks, completing a total of21specialized courses, and guiding practical courses such as graduation design, internship, graduation internship, production internship, metalworking internship, comprehensive skills training in water supply and drainage, and comprehensive experimental training in water supply and drainage.

This year, a total of15teaching research activities were organized, including the revision of teaching outlines, studying professional accreditation standards, andOBEconcepts, discussing ideological courses, collective lesson preparation, discussing talent cultivation models, determining implementation plans for applied talent cultivation, promoting the "three strengths and five transformations" construction, and studying and implementing the spirit of the 20th National Congress, etc.

(4) Integrate advantageous resources, strengthen external communication, and support the construction of internship bases and the cultivation of innovative application-oriented talents

This year, multiple organizations have sent teachers to Hunan Bixiao Environmental Technology Co., Ltd. for study and research. Successfully held2022the academic committee meeting of the Hunan Provincial Village and Town Drinking Water Quality Safety Assurance Engineering Technology Research Center. More than30experts and technical personnel from Yiyang San Shui Plant, Huilong Mountain Water Plant, and other internship bases participated in the exchange and provided suggestions for the training of applied talents.

Wang Aihe, Zhang Chun, Li Yuanping, Li Hao, Jiang Haiyan and other teachers led the team to participate in the National College Student Municipal EnvironmentInnovationPractical Ability Competition, the third "Beikong WaterServiceCup,"winning a total of12awards, includingone second prize in the national competition1award, five first prizes in the southern competition area5awards,onesecond prize1award, and five third prizes5awards.Li Hao guided students to establish a national-level college student innovation training program project1project, while Chi Nianping, Li Yuanping, and Shu Jinkaguided students to establish a total of3projects under the Hunan Province College Student Innovation and Entrepreneurship Training Program.

The achievements in teaching and research are fruitful

2022In this year, the teachers in this major achieved fruitful teaching and research results. They obtained3 projects from the Hunan Provincial Natural Science Foundation (provincial and municipal joint fund) 1 project from the Hunan Provincial Department of Education (Chi Nianping), 1 project from the Hunan Provincial Department of Education (Wang Yang).One of the top ten scientific and technological workers in water supply and drainage in Hunan Province1 person (Zhang Wei). Published 21 papers, authorized 1 patent, and published 2 monographs; initiated 1 school-level teaching and research

project, and completed 1 school-level teaching and research project, as detailed in the table below.

**Table1 2022Publication Status of Teachers in the Water Supply and Drainage Science and Engineering MajorStatistical Table**

Author Name	Article Title	Published journal	Publication date and volume (issue) number	ResponseSituation
Chi Nianping	FeS redox power motor for PDS continuous generation of active radicals on efficient degradation and removal of diclofenac: Role of ultrasonic	Chemosphere	2022,(4),300	SCI 2District
Chi Nianping	Pre-treatment+Catalytic internal electrolysis+Ceramic membraneA/O-MBRTreatment of coking wastewater	China Water Supply and Drainage	2022,(10),38:120-123	SelfScience Key Point
Chi Nianping	Preparation of amphiphilic cationic polyacrylamide (CPAM) with cationic microblock structure to enhance printing and dyeing sludge dewatering and conditioning performance	Environmental Science and Pollution Research	2022Year9Month	SCI 3District
Chi Nianping	Electrocoagulation pretreatment of heavy metals-Study on the influencing factors and effectiveness of organic compound wastewater	Journal of Hunan City University (Natural Science Edition)	2022/7/1 (4) :69-73	
Chi Nianping	Research on the Construction of Curriculum System for Water Supply and Drainage Science and Engineering Major under Professional Certification Background	Modern property	2021,12:13-15	
Chi Nianping	ZnO/g-C <sub>3</sub> N <sub>4</sub> Nanostructured Photocatalyst for Enhancement of Photodegradation of Antibiotic Pollutant in Wastewater under Simulated solar Light Illumination	International Journal of Electrochemical science	2022,(9),17	SCI 4District
Chi Nianping	Synthesis of TiO <sub>2</sub> /g-C <sub>3</sub> N <sub>4</sub> Hybrid Photocatalyst and	International Journal of	2022.(9),17	SCI 4District



g	its Application for Degradation of Chlorophenol as Organic Water Pollutant	Electrochemical science		
Chi Nianping	Efficient removal of RR2 dye by electro-Ce(III) process with its elegant arts and attractive charm in performance, energy consumption and mechanism	Environmental Research	2022.10 (216)	SCI 2District
Chi Nianping	Synthesis and application of CuO-TiO <sub>2</sub> hybrid nanostructures as photocatalysts for degradation of p-nitrophenol in wastewater	International Journal of Electrochemical science	2022.10 (17)	SCI 4District
Wang Aihe	Overview of Research on New Fluoride Removal Materials at Home and Abroad	Journal of Hunan City University (Natural Science Edition)	2022, 31 (5)	Provincial journal
Zhang Wei	Adsorption performance of glyphosate on modified shell powder/Ce-N-TiO <sub>2</sub>	EREGCE 2022	2022,350	EI
Zhang Wei	Elimination of micropollutants by the solar/chlorine process: contribution of reactive species and formation risk of NDMA	Environmental ScienceWater Research & Technology	2022,8, 1252-1260	SCI (IF: 5.819) , Chinese Academy of Sciences3 area (2021 journal classification table upgraded version)
Zhang Wei	Impact of nitrite on the formation of trichloronitromethane during the UV-LED/chlorine process	Environmental ScienceWater Research & Technology	2022,8, 108-115	SCI (IF: 5.819) , Chinese Academy of Sciences3 area (2021 journal classification table upgraded version)
Shu JinKai	Research Review on Dyeing and Printing Wastewater Treatment Technology	Papermaking equipment and materials	2022,51(08)	

Shu JinKai	Smart Water Services Thoughts on the Teaching of the Course "Fundamentals of Water Engineering Equipment"	National Literature Exchange	2022,52issue	
Shu JinKai	Accelerate the research on innovative utilization of reed straw	Science and Technology	30Volume9Issue248P age	
Shu JinKai	Influencing Factors and Kinetics of Modified Shell Powder/La-Fe-TiO <sub>2</sub> Photocatalytic Degradation of Pyridine Wastewater	International Journal of Environmental Research and Public Health	2022, 19 (22) , 14835.	SCI (IF: 4.614 ) , Chinese Academy of Sciences3 area (2021 journal classification table upgraded version)
Wang Yang	Analysis of Groundwater Pollution Characteristics and Health Risk Assessment of Valley-type Landfills	Environmental Chemistry	2022,41(8)	CSCD(Core Library)
Wang Caiwen	Integration"Complex Engineering Problems"in Pump Station Course Design Teaching Exploration	Beautiful China	2022Year10Month Volume4IssueTotal13 8Issue	
Wang Caiwen	Study on the Filtration Characteristics of Biofilter with Dual-layer Activated Carbon Sand	Science and Technology	2022 Year 30 Volume 12 Issue June (Lower)	
Li Yuanping	Modification of sludge biochar by MnO <sub>2</sub> to degrade methylene blue: Synergistic catalysis and degradation mechanisms	Journal of Water Process Engineering	2022,48:102864	SCI 2District

**Table2 2022Statistics of Patent Authorization for Teachers in the Water Supply and Drainage Science and Engineering MajorPatent Authorization Status Table**

Author's name	Project Name	Type of achievement	Application number	Authorizati on date
Zhang Chun	A type of nanocavityFe <sub>3</sub> O <sub>4</sub> - chitosan core-shell cross-linked microsphere material preparation and application	Invention patent	ZL201910079225.3	20220913

**Table3 2022Publication Status of Teachers in the Water Supply and Drainage  
Science and Engineering MajorWorksStatistics Table**

author	Title of the work	Publishing unit	Publication date	ISBNnumber	Category of works
Li Yuanping	Research on the application of gene sensing and immune technology in the detection process of environmental pollution control	Central South University Press	2022.11	9787548751137	Monograph
Chi Nianping	Safe Distribution and Smart Management of Drinking Water	Central South University Press	2022.11	9787548750246	Monograph

**Table3 2022Statistics of Projects Undertaken by Teachers in the Water Supply  
and Drainage Science and Engineering MajorProject Situation Statistics Table**

Serial number	Project Name	Project type	Person in charge	Project initiation time
1	Modified Shell Powder/Ce-N-TiO <sub>2</sub> Study on the Mechanism of Adsorption and Photocatalytic Degradation of Typical Dissolved Organic PhosphorusD010107	National Natural Science Foundation General Project	Zhang Wei	2020
2	TypicalAntimonyMigration and transformation of heavy metal antimony in arsenic-alkali slag from abandoned antimony mining areas, sourcecontrol and mechanism2021JJ30080	Hunan Provincial Natural Science Foundation General Project	ZhangChun	2021
3	The preparation of porous particle materials of ternary metal composite oxides using a biological template method and the study of the mechanism for sulfate removal2021JJ50152	Hunan Provincial Natural Science Foundation Joint Fund with Municipalities	Wang Aihe	2021
4	Research on the Mechanism of Microbial Remediation of Polybrominated Diphenyl Ethers in Contaminated Sediments Based on Biochar Enhancement2020JJ5019	Hunan Provincial Natural Science Foundation Youth Project	Li Yuanping	2020
5	Optimization of the preparation and efficient deep defluorination mechanism of magnetic ternary metal composite oxide particle adsorbents20A089	Key Project of the Hunan Provincial Department of Education	Wang Aihe	2020

6	Humusmediatedreduction and remediation of variable valence heavy metal pollution Research on electronic transmission mechanisms	Excellent Young Research Project of the Hunan Provincial Department of Education	Li Yuanping	2021
7	Study on the mechanism of removing dissolved organic nitrogen by magnetic diatomaceous earth - ceramic membrane bioreactor	Hunan Provincial Natural Science Foundation Joint Fund with Municipalities	Chi Nianping	2022
8	Study on the formation mechanism of mercury pollution in groundwater of solid waste landfill in Dongting Lake area and health risk assessment	Hunan Provincial Natural Science Foundation Joint Fund with Municipalities	Wang Yang	2022
9	Two-phase distributionBiological trickling filter towerStudy on the operating conditions and membrane characteristics for treating methanethiol	Hunan Provincial Natural Science Foundation Joint Fund with Municipalities	Zhou Jun	2022
10	Study on the mechanism of removing sulfonamide antibiotics using magnetic composite powder coupled dynamic membrane bioreactor	Key Project of the Hunan Provincial Department of Education	Chi Nianping	2022
11	Source and migration transformation mechanisms of plant mercury in the Yuanjiang section of Dongting Lake area	Hunan Provincial Department of Education General Project	Wang Yang	2022

## Two、 Analysis of Fund Usage

The funding for professional development is mainly used for professional research, faculty team building, talent training model reform, publication of teaching reform papers, etc. Currently, the funding execution is basically in place.

## Three、 Existing Problems and Challenges Faced

1、 There is a serious shortage of construction funds,the application for key coursesand course development, such as producing video resources, requires more financial support;

2、 Construction funds arrived late, and the funding arrangement at the beginning of the year was not clear enough, with no accountability assigned to individuals, resulting in unreasonable use of funds.

3There is a lack of high-level faculty, and the serious shortage of high-level faculty has severely impacted the construction of high-level teaching teams and first-class courses.



# **Provincial First-Class Major Construction (Water Supply and Drainage Science and Engineering)** **2023 Annual Work Plan**

## **1. Basic Overview**

Water Supply and Drainage Science and Engineering major was established in 1984, in 2003 September began enrolling the first undergraduate students in water supply and drainage engineering; In 2012, jointly trained master's students with Shantou University, Shenyang Jianzhu University, and other universities; In 2013, it was renamed to Water Supply and Drainage Science and Engineering major, which is still in use today; In 2009, it was approved as Hunan Province specialty major of ordinary colleges and universities, in 2016, it was approved as Hunan Province ordinary colleges and universities "13th Five-Year Plan" comprehensive reform pilot project, in 2019, it was approved as Hunan Province first-class undergraduate major construction point; In 2014, it obtained Hunan Province ordinary colleges and universities industry-university-research cooperation demonstration base; In 2019, it obtained Hunan Province drinking water quality safety guarantee engineering technology research center; In 2020, it passed the professional certification by the Ministry of Housing and Urban-Rural Development, taking the lead in breaking through professional certification; currently actively applying for the Water Supply and Drainage Science and Engineering major to be included in the national first-class undergraduate major construction list. Current full-time teachers 16 people (professors 3 people, associate professors 3 people, doctors 7 people), full-time undergraduate students on campus 350 people.

## **2. Annual Work Plan**

2023 Year, the key work of building a first-class major in this field is mainly planned as follows:

(1) In terms of teaching, continue to strengthen ideological education in the curriculum, enrich and improve teaching content, adhere to strengthening the management of the teaching process, leverage the advantages of youth, promote the reform of teaching models through cultivating interest, guiding methods, and designing activities, and improve teaching quality;

(2) In terms of scientific research, establish research teams, research studios, etc., and cultivate research backbones through activities such as research salons. Teachers actively engage in communication, participate in research, apply for projects, write papers, and take part in research

activities to promote teaching through research, enhance teachers' professional capabilities and business levels, and strengthen team building among teachers.

2023 year expected to achieve the following goals:

1 **Strengthen discipline construction, highlight professional characteristics, optimize teaching team configuration, and introduce 1 to 2 doctoral candidates, establish key courses of 1 to 2 (at or above the university level), and the teaching team for "Water Quality Engineering (2)" will strive to apply for breakthrough provincial-level first-class courses;**

2 **Establish two research teams to strive for the application of national and provincial natural science fund projects and provincial ministerial projects.**

### 3. Annual Expected Goals

1、 **"Gold Course" construction:** strive for provincial first-class courses 1 course, school-level gold courses 2-3 courses.

2、 **Professional Certification Re-evaluation:** Ensure to do the first-class professional certification re-evaluation work of the Ministry of Housing and Urban-Rural Development.

3、 **Teacher Team Development:** Strive to obtain 1-2 talent project programs; Introduce 1-3 doctors, send 2~3 teachers to participate in frontier technology training.

4、 **Textbook Compilation:** Strive to publish 1-2 books.

5、 **Condition Construction:** Renovation of professional laboratories and basic laboratories, increasing the number of professional instruments and equipment. Plan to apply for an upgraded key laboratory.

6、 **Student Achievements:** Students won 1-3 provincial-level subject competitions; organized tutoring and Q&A for professional courses, and communication with graduate schools; guided students to publish 1-3 papers.

7、 **Teaching and Research Reform:** Teachers carry out teaching and research reform work, obtaining a provincial-level teaching reform project 1 item, publishing teaching reform papers 4~6 articles, and applying for teaching achievements 1~2 items.

8、 **School-Enterprise Cooperation:** Expand Internship Bases 1-2 units, Promote Integration of Industry and Education.

9、 **Talent Training Program:** Develop and implement.

### 4. Detailed budget for fund usage

<b>Serial number</b>	<b>Project Name</b>	<b>Planned funding (Unit: ten thousand yuan)</b>	<b>Remarks</b>
1	Expert lectures, expert consultations, investigation and exchange, etc	4.0	
2	Course resource development, educational reform, school-enterprise cooperation, teaching materials, books and materials, printing	3.5	
3	Teacher enterprise training, teaching competition	2.0	
4	Student achievements, subject competitions	2.0	
Total		11.5	

## 5. Other issues that need to be explained

None.



# **Provincial-level first-class major construction (Water Supply and Drainage Science and Engineering)**

## **2023Annual Work Summary**

The Water Supply and Drainage Science and Engineering major in 2023 has focused on "building a first-class major", professional re-evaluation, curriculum development, faculty team building, teaching work, and research work, comprehensively advancing the connotation construction of the major, and achieving certain results in both teaching and research, summarized as follows.

### **1. Work Performance**

#### **(1) Key Achievements**

Won National Natural Science Foundation Research Project (General Project) 1 item (Zhang Wei); Hunan Provincial Natural Science Foundation (Provincial and Municipal Joint Fund) Project 2 items (Sheng Jianwu, Wang An); Hunan Provincial Department of Education General Project 1 item (Wang An); The water supply and drainage science and engineering major has a good source of students, and in 2023 enrollment, it continued to expand a teaching class, currently having four classes, gradually developing talent training in the field of "smart water management."

#### **(2) Completion/Revision of the Teaching Syllabus**

In line with the revised 2021 talent training program, the teaching outlines of all courses in this major have been revised, along with the report on the achievement of course objectives, which lays the foundation for the re-evaluation of professional accreditation in 2024.

(3) The regular teaching management and the promotion of the "Three Forces and Five Transformations" in the teaching and research office are progressing in an orderly manner

There are 16 full-time faculty members (4 professors, 5 associate professors), of which 10 hold a doctorate, accounting for over 60%, 1 laboratory full-time teacher, 2 on-the-job doctoral students. This year, the department has completed the teaching tasks for levels 19, 20, 21, 22, and 23, with a total of 21 professional courses taught, and has guided practical courses such as graduation design, internship, graduation internship, production internship, metalworking internship, comprehensive skills training in water supply and drainage, and comprehensive experimental training in water supply and drainage.

This year, a total of 15 sessions were organized for teaching and research activities, including revising the teaching syllabus, studying professional certification standards, and OBE concepts, discussing ideological courses,

collective lesson preparation, discussing talent cultivation models, determining implementation plans for applied talent training, promoting the construction of "three strengths and five transformations", and studying and implementing the spirit of the 20th National Congress and more.

(4) Integrate advantageous resources, strengthen external communication, and support the construction of internship bases and the cultivation of innovative application-oriented talents

This year, multiple organizations have sent teachers to Hunan Bixiao Environmental Technology Co., Ltd. for study and research. Successfully completed the acceptance of the Hunan Provincial Village and Town Drinking Water Quality Safety Assurance Engineering Technology Research Center. Along with Hunan Runfeng Smart Water Co., Ltd., Yiyang Sanshui Plant, Huilongshan Water Plant, Changde Beikong Bihai Water Co., Ltd. and other internship bases, over 30 experts and technical personnel participated in the exchange and contributed ideas for the cultivation of applied talents.

Teacher Chi Nianping led students to participate in The Hunan Province Energy Conservation and Emission Reduction Competition, "A High-Efficiency Electrochemical Advanced Oxidation Treatment Process for Purifying Dye Wastewater" project won the third prize. Li Yuanping guided students to establish a national-level college student innovation training program project 1 project, Wang Caiwen and Chi Nianping guided students to establish a total of 2 projects for the Hunan Province College Student Innovation and Entrepreneurship Training Program, Zhou Jun and Wang An guided students to establish school-level college student innovation and entrepreneurship training program projects totaling 2 projects.

The achievements in teaching and research are fruitful

2023 years, the teachers in this major have achieved fruitful teaching and research results. Obtained National Natural Science Foundation research project (general project) 1 project (Zhang Wei); Hunan Provincial Natural Science Foundation (provincial and municipal joint fund) project 2 projects (Sheng Jianwu, Wang An); Hunan Provincial Department of Education general project 1 project (Wang An); Yiyang City Social Science Federation Youth Project 1 project (Shu Jinkai). Published papers 9 articles, including core and above papers 3 articles, authorized invention patents 2 items, awarded the Yiyang City Natural Science Excellent Academic Achievement Award for Excellence 2 items (Zhou Jun, Shu Jinkai); Established a university-level ideological and political demonstration course 1 item (Zhou Jun), established university-level teaching research project 1 item (Zhou Jun), completed university-level teaching research project 1 item (Lu Sen), see the table below.

**Table 1 2023 Statistics on the Publication of Papers by Teachers in the Water Supply and Drainage Science and Engineering Major Statistical Table**

author Name	Article Title	Published journal	Publication date and volume (issue) number	Response situation
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Zhang Wei	Photocatalytic degradation of glyphosate using Ce/N co-doped TiO <sub>2</sub> with oyster shell powder as carrier under the simulated fluorescent lamp	FRONTIERS IN ENVIRONMENTAL SCIENCE	2023.11: 1131284	SCI3District
Zhang Wei	Optimization of Preparation Conditions of Modified Oyster Shell Powder/Ce-N-TiO <sub>2</sub> by Response Surface Methodology (RSM)	Journal of Environmental Protection	2023, 14, 16-31	Open Journal
Zhang Wei	Modified oyster shell powder/Ce-N-TiO <sub>2</sub> adsorption-photocatalytic degradation of glyphosate	Journal of Environmental Engineering	2023, 17(5): 1398-1408	CSCD(Extended Library)
Deng Yumei	Sponge City and Water Environment Planning and Construction in Jibu District in Changde City	Sustainability	December 27, 2022,15(1)	SCI3District
Jiang Haiyan	New insight into highly efficient removal of tetracycline by calcined hydroxyapatite activated peroxymonosulfate: The role of calcium carbonate and phosphate group	Journal of Water Process Engineering	2023, 55: 104207	SCI2District
Zhou Jun	Research Progress on Particle Electrodes in the Treatment of Hard-to-Degrade Wastewater by Three-Dimensional Electrolysis Method	Journal of Hunan City University(Natural Science Edition)	2023, 32(03): 72-78	Open Journal
Wang Caiwen	Exploration of Engineering Ethics Education in Engineering Disciplines under the New Engineering Discipline Goals	Exploring Science	2023Year25Issue	Open Journal
Shu Jinkai	Research on the Governance Strategies for Heavy Metal Pollution in Dongting Lake under the "Dual Carbon" Goals	Papermaking equipment and materials	2023, 52(07): 147-149	Open Journal

Shu Jinkai	Research on the Teaching Reform of Hydraulics Course under the Background of Engineering Education Accreditation	Charming China	2023, 36: 58-60	Open Journal
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**Table2 2023Statistics of Patent Authorization for Teachers in the Water Supply and Drainage Science and Engineering MajorPatent Authorization Status Table**

author Name	Project Name	Type of achievement	Application number	Authorizati on date
Deng Jie	A composite catalyst for wastewater treatment and its preparation method	Invention patent	ZL202210107796.5	2023/9/8
Zhang Chun	A type of nanometer mesoporousFe <sub>3</sub> O <sub>4</sub> -chitosan core-shell cross-linked microsphere materials preparation and application	Invention patent	ZL201910079225.3	2022/9/13

**Table3 2023Yearly Awards for Teachers in the Water Supply Science and Engineering MajorAwardStatisticsTable**

Award winner	Project Name	Award category	Award level	Organizer
Shu Jinkai	Modified Shell Powder/La-Fe-TiO <sub>2</sub> Factors and Kinetics of Photocatalytic Degradation of Pyridine Wastewater	The Fifth Outstanding Academic Achievements in Natural Sciences of Yiyang City	Outstan ding Award	Yiyang Municipal People's Governme nt
Zhou Jun	Comparison of three-dimensional electrolytic fixed bed treatment of catering wastewater with different anode plates	Outstanding Academic Achievements in Natural Sciences of the Fifth Session of Yiyang City	Outstan ding Award	Yiyang Municipal People's Governme nt

**Table42023Statistics of Project Undertakings by Teachers in the Water Supply Science and Engineering MajorProject Undertaking Statistics Table**

Serial number	Project Name	Project type	Person in charge	Project initiation time
1	LDH/MIL-101(Fe)/La-Fe-TiO <sub>2</sub> Research on Molecular Design Synthesis and Its Removal Mechanism for Typical Nitrogen-Containing Heterocyclic Compounds	National Natural Science Foundation Research Project (General Project)	Zhang Wei	2023/08

2	Research on the recovery of metallic arsenic from waste acid using the iodine-copper synergistic reduction method	Provincial and Municipal Joint Fund	Wang An	2023/4
3	Basic research on the reduction and recovery of metallic arsenic in high sulfuric acid medium using copper chloride synergistic reduction	General projects of the Education Department	Wang An	2023/12
4	Research on Multi-parameter Detection of Water Quality Based on Deep Analysis of Ultraviolet-Visible Absorption Spectrum	Provincial and Municipal Joint Fund	Sheng Jianwu	2023/4
5	Research on Pollution Control Strategies for Dongting Lake under the Dual Carbon Goals	Yiyang Social Science Federation Youth Project	Shu Jinkai	2023/3
6	Based on OBE the concept of water supply and drainage science and engineering Exploration and Practice of Building Core Courses in Professional Education	Hunan City University Teaching Reform Research Project	Zhou Jun	2023/11

**Table5 2023Statistics on Course Construction for Teachers in the Water Supply and Drainage Science and Engineering Major**

Course Name	Person in charge	Team members	Course type	Remarks
Water Engineering Economics and Budgeting	Zhou Jun	Zhang Chun, Deng Yumei	University-level ideological and political demonstration course, team	

## 2. Analysis of Fund Usage 情况及分析

The funding for professional development is mainly used for professional research, faculty team building, talent training model reform, publication of teaching reform papers, etc. Currently, the funding execution is basically in place.

## III. Existing problems and difficulties faced

1、 There is a serious shortage of construction funds, and course development、 publishing educational reform papers, etc. requires more financial support;

2Construction funds were received late, the funding arrangement at the beginning of the year was not clear enough, and responsibilities were not assigned, resulting in unreasonable use of funds.

3、 There is a lack of high-level faculty, currently the department has 4 professors and 5 associate professors, the remaining 7 teachers are all lecturers, the serious lack of high-level faculty has

severely affected the construction of high-level teaching teams and first-class courses.