The selection criteria for course offerings and assessment methods in this major are primarily based on the following factors:

- • Course Nature and Learning Objectives: For courses that emphasize the mastery of theoretical knowledge—such as "Circuit Analysis" and "Analog Electronics" —closed-book examinations shall be the primary assessment method, supplemented by regular assignments and laboratory reports, to comprehensively evaluate students' mastery of fundamental principles;
- • Alignment between course content and practical requirements: For courses with strong engineering practicality and innovation-oriented features — such as "Power System Analysis" and "Electrical Control and PLC Technology" —process-based assessment methods (including experimental reports, course projects, project deliverables, and internship evaluations) are primarily adopted to evaluate students' comprehensive application capabilities in real-world engineering scenarios;
- • Integration of knowledge transmission and innovation: Students are encouraged to complete literature reviews and innovative research projects during their studies; the assessment methodology adopts a dual approach combining process-based and outcome-based evaluations to motivate students to grow through innovation and practical application.

To ensure the scientific rigor and effectiveness of the assessment methods, this program has established clear horizontal comparison criteria for the difficulty levels of different assessment methods, enabling an evaluation of their suitability for achieving the course objectives and fostering student competencies. For example:

evaluation mode	**Difficulty Levels**	**Applicable Courses**	**fundamental purpose**
examination	higher	Theory-intensive and knowledge-intensive courses	Assessment of basic knowledge mastery

evaluation mode	**Difficulty Levels**	**Applicable Courses**	**fundamental purpose**
examine	secondary	Practical and Project-Based Courses	Track the learning process and focus on skill development.
Graduation Project (Thesis) Defense	Gao	Project-Oriented Curriculum	Comprehensive Assessment and Innovation Capabilities
Course Design and Practical Training	secondary	Applied Courses	Assessing engineering practice and problem-solving skills