Course Modules and Academic Evaluation Criteria

This program strictly adheres to the requirements outlined in Appendix B-9: Quality Standards for Major Undergraduate Teaching Components of Kunming University, Appendix C-1: Course System Structure, and the Credit Analysis Report; it fully discloses the teaching documents and evaluation specifications for each course module, ensuring that all aspects of the course teaching process can be traced back to standardized criteria, with traceable procedures and verifiable outcomes. The descriptions of all course modules within the Electrical Engineering and Automation major at the School of Mechanical and Electrical Engineering are uniformly published on the school's official teaching resource disclosure platform (https://zdkz.kmu.edu.cn/dggcrz/rpfa.htm); these documents are updated in real time and remain accessible for long-term reference.

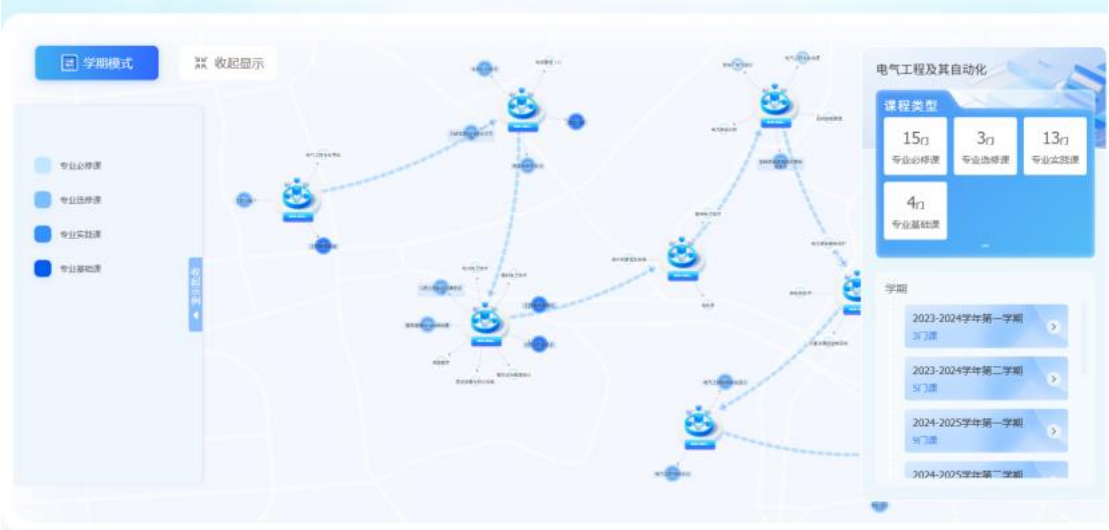


The publicly available course module descriptions are complete and standardized, primarily containing core information such as: module name, module lead, teaching organization method, credit and hour allocation, expected learning outcomes, core instructional content, course admission requirements, assessment and evaluation criteria, grade calculation rules, recommended reference materials, and document revision dates. These descriptions fully align with the course development standards specified in Appendix B-2 (2023 Edition of the Talent Development Plan for Electrical Engineering and Automation) and Appendix B-10 (Talent Development Plan for Electrical Engineering and Automation), ensuring that course offerings, teaching implementation,

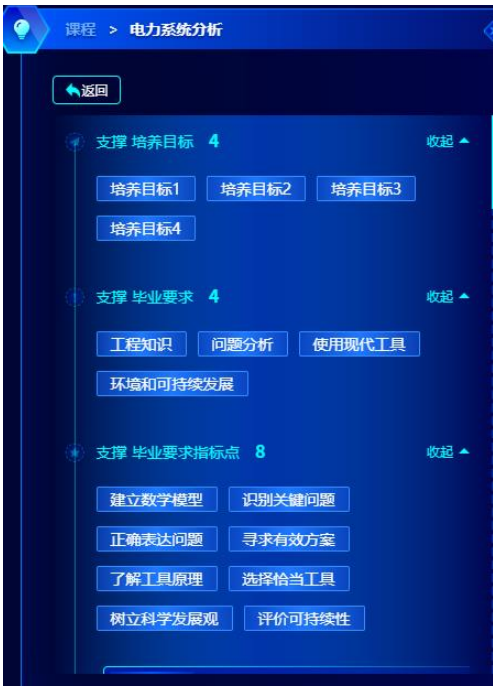
and assessment and evaluation processes are fully consistent with the professional training objectives and graduation requirements.

On the college's official website, the online resource disclosure platform lists the official websites for each academic major. For the Electrical Engineering and Automation major, the page provides an overview of the entire program, its curriculum structure, professional knowledge graph, and analysis of this graph; through the major's official website, students can access the program's training plan, view the 35 specialized courses required over the four-year period, the 110 course objectives, the 34 knowledge graphs, and the 1,323 individual knowledge points. Additionally, the homepage of the website displays 5 training objectives, 12 graduation requirements, and 35 specific indicators for these graduation requirements. Through this official website, students can gain a comprehensive understanding of the overall development goals of the major and begin exploring their future career paths as early as their first year of study.

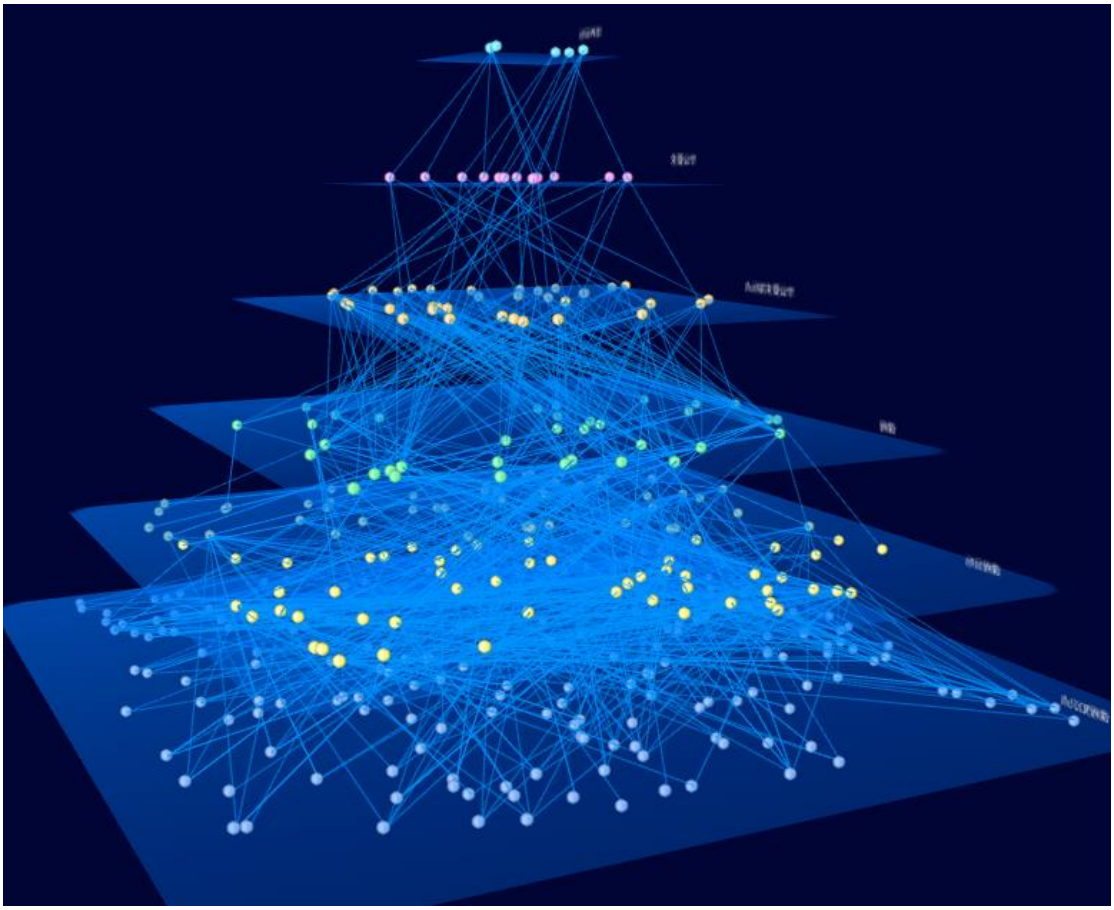




The official professional website visualizes all information holistically, constructing a pyramid-shaped knowledge graph that spans from overall objectives to specific knowledge points; within this knowledge graph, sections are dedicated to: educational objectives, graduation requirements, graduation requirement indicators, courses, course objectives, and course knowledge points. Within each course page, all specialized courses included in the program's curriculum are displayed; each course entry includes the corresponding educational objectives, graduation requirements, graduation requirement indicators, course objectives, course knowledge points, credits, instructional hours, and associated online courses.


课程 > 电力系统分析
返回
支撑 培养目标 4
收起
培养目标1
培养目标2
培养目标3
培养目标4
支撑 毕业要求 4
收起
工程知识
问题分析
使用现代工具
环境和可持续发展
支撑 毕业要求指标点 8
收起
建立数学模型
识别关键问题
正确表达问题
寻求有效方案
了解工具原理
选择恰当工具
树立科学发展观
评价可持续性


课程 > 电力系统分析
返回
关联 课程目标 5
收起
课程目标1
课程目标3
课程目标2
课程目标5
课程目标6
关联 课程知识点 89
收起
电力系统概述、等值电路、电力网络潮流的分析与计算
电力系统概述
电力系统的电压等级和负荷
电力系统中性点的接地方式
电力线路参数和等值电路
变压器、电抗器的参数和等值电路
发电机和负荷的参数及等值电路
电力网络的等值电路



Instructors for each course shall upload their online courses to the professional university's official website for public access. Within the online course teaching resources section, they shall publicly disclose the course information, course content, teaching resources for each chapter, reference materials, examination methods, teaching details, and instructor information



for each course, in accordance with the course development standards specified in Appendix B-10 of the Curriculum Plan for Electrical Engineering and Automation. Using the "Circuit Principles (1)" course as an example, the figure illustrates how the course chapters and teaching resources for this course are made publicly available.

课程章节

1 第1章电路概论

- 1.1 大学“电路”课程学什么
- 1.2 学习“电路”课程有什么用
- 1.3 电路”课程的知识点脉络
- 1.4 怎样学好“电路”课程

2 第2章电路基本概念

- 2.1 电路基本物理量
  - 2.1.1 电流
  - 2.1.2 电压

教学资源

所属课程章节	资源类型	更新时间	大小	操作
1.1 大学“电路”课程学什么	图片	2025-03-17	--	
	文档	2025-03-25	177.71KB	
1.4 怎样学好“电路”课程	附件	2026-03-06	--	
2.1 电路基本物理量	文档	2025-03-25	723.92KB	
2.1.3 功率	视频	2025-03-17	135.98MB	
2.2.2 电阻元件	视频	2025-03-18	61.48MB	
2.2.6 受控电源	视频	2025-03-17	68.77MB	
2.3.4 回路和网孔	视频	2025-03-17	200.25MB	
2.3.5 导线、节点变形记	视频	2025-03-17	103.83MB	

To unify academic evaluation standards and standardize the assessment of students 'academic performance, this program fully implements a credit-grade point evaluation system. The grade point serves as a core metric for measuring the quality of students' course learning and their overall academic competence; it also constitutes an essential basis for student awards, scholarship evaluations, graduation reviews, and degree conferral. This program uniformly adopts a 5-point scale credit-grade point calculation system, strictly adheres to the university's academic management regulations, and aligns with the evaluation requirements specified in Appendix A-3: "Undergraduate Student Learning Management System" of Kunming University. The specific calculation formula and corresponding grade point conversion standards are as follows:

Core calculation formula:

Course GPA = Course Grade / 10 − 5

Course GPA = Course GPA × Course Credit Hours = [(Course Grade / 10) − 0.5] × Course Credit Hours

Course GPA =∑ (Course GPA × Course Credit Hours) /∑ Course Credit Hours

To ensure fairness and impartiality in academic evaluation and to establish unified standards, this document clarifies the correspondence between grades and grade points, while also standardizing the calculation rules for grade points for special courses; the specific correspondence standards and supplementary explanations are presented in the table below:

Performance Evaluation Level	100-point grading scale range	Corresponding GPA
centesimal system	100–90	5.0–4.0
	89–80	3.9–3.0

	79–70	2.9–2.0
	69–60	1.9–1.0
	<60	0
Five-level system	Excellent	4.5
	good people	3.5
	Center	2.5
	pass a test	1.5
	fail	0

Supplementary Accounting Rules: First, for courses exempt from examination in accordance with regulations, the GPA shall be uniformly recognized as 1.0; second, the final result of the student's average credit GPA shall be rounded to two decimal places, with the third decimal place rounded according to standard rounding rules; the entire process shall adhere to standardized and regulated procedures to ensure the accuracy and consistency of academic evaluation data, thereby aligning with the data evaluation requirements specified in Appendix B-8, "Management Measures for the Evaluation of Talent Cultivation Quality at Kunming University," and Appendix C-3, "Evaluation Measures for the Achievement of Course Objectives at Kunming University."