

Kunming University — Civil Engineering Program

Action Plan for Practice, Industry-Academia Integration & Interdisciplinary Enhancement

In response to the ASIIN review comments regarding the three improvement areas — "Strengthening Industry Engagement," "Interdisciplinary Teaching Content," and "Practical Training" — the following concrete action plan is formulated to clarify responsible parties and deadlines, ensuring all measures are implementable.

No.	Specific Action	Responsible Party	Deadline
I. Strengthening Industry Engagement			
1.1	Regularize Campus Recruitment Visits: Each semester, college leadership will lead visits to no fewer than 8 industry enterprises to collect talent demand and job competency requirements, and feed the findings back into the revision of the talent cultivation scheme.	College Leadership Program Coordinator	Every semester (ongoing)
1.2	Co-build Off-campus Internship Bases: Each year, sign co-construction agreements with no fewer than 5 industry enterprises. Each base will accept no fewer than 10 students per year for internship practice, with joint supervision by enterprise engineers and in-house faculty.	College Leadership Program Coordinator	From 2027 (ongoing)
1.3	Industry Experts in Classroom: Each semester, invite senior engineers to deliver no fewer than 4 specialized lectures or undertake no fewer than 16 hours of practical teaching (e.g., BIM application, prefabricated construction), integrated into the semester teaching plan.	Course Team Leader Teaching Office	From Spring 2027 (ongoing)
II. Interdisciplinary Teaching Content Development			
2.1	Add Interdisciplinary Elective Module: In the 2027 version of the talent cultivation scheme, add a "Smart Construction & Digital Application" module, including electives such as BIM Technology and Application, Intelligent Monitoring in Civil Engineering, and Green Building and Sustainable Development, each no fewer than 32 hours.	Program Coordinator	Revision by Dec 2026 Courses start Fall 2027

2.2	Build Interdisciplinary Teaching Case Library: Jointly with faculty from the School of Information Engineering, develop no fewer than 5 teaching cases integrating civil engineering and computer applications (e.g., Python in structural analysis, IoT-based construction safety management), to be applied in core course teaching.	Program Coordinator Interdisciplinary Course Team	By June 2027
2.3	Establish Interdisciplinary Innovation Projects: Each year, launch no fewer than 3 interdisciplinary innovation projects (e.g., "Civil + Environment," "Civil + Management"), equipped with joint supervision by faculty from different departments or dual-tutor arrangements (academic + industry).	Innovation & Entrepreneurship Center Program Coordinator	From 2027 (ongoing)
III. Optimization of Practical Training			
3.1	Upgrade On-campus Practical Training Platform: By December 2027, complete Phase I of the "Smart Construction Training Center," adding a BIM Comprehensive Training Lab and a Prefabricated Building Virtual Simulation Lab, and update basic laboratory equipment to ensure equipment serviceability $\geq 95\%$.	Lab Management Center Asset Management Office	By Dec 2027
3.2	Restructure Practical Teaching System: Revise the Practical Teaching Management Regulations, Internship Management Measures, and Graduation Project Working Regulations, and introduce industry mentors to participate in proposal defense, mid-term review, and final defense.	College Leadership Program Coordinator Supervision Teams	Revision by Dec 2026 Implementation from 2027 cohort
3.3	Organize Participation in High-level Competitions: Each year, organize student participation in events such as the National Structural Design Competition and the National BIM Graduation Design Competition, with no fewer than 40 hours of pre-competition training.	Youth League Committee Competition Mentoring Team	Every year (ongoing)