



Proposed Program Renaming

From: Bachelor's Program in Information Technology Application and Management

To: Bachelor's Program in Artificial Intelligence and Information Technology

Information Session & Public Hearing

Official Chinese program names: "資訊科技應用與管理學士學位學程" → "人工智慧與資訊科技學士學位學程"



Chair / Presenter

Program Director, Associate Professor David Li



Date

October 21, 2026 (Wednesday)



Purpose

To explain the renaming plan, protect student and staff rights, and gather feedback

Six Questions Guiding Today's Hearing



01

Why are we renaming the program?



02

Why "Artificial Intelligence and Information Technology"?



03

How will the curriculum change?



04

Will current students' rights be affected?



05

How are faculty and staff rights protected?



06

What is the process, timeline, and feedback method?

Today's session is not an announcement of a final decision. Its purpose is to explain the proposed renaming plan and to gather feedback from students, faculty, and staff.

Our Program Today: IT Application & Management

Current Areas of Development

- Programming & Software Development
- AI & Machine Learning
- Data Analytics & Data Mining
- Cloud Computing
- Data Visualization
- Information Systems
- Industrial Engineering & Applications
- Capstone Projects & Industry Partnerships

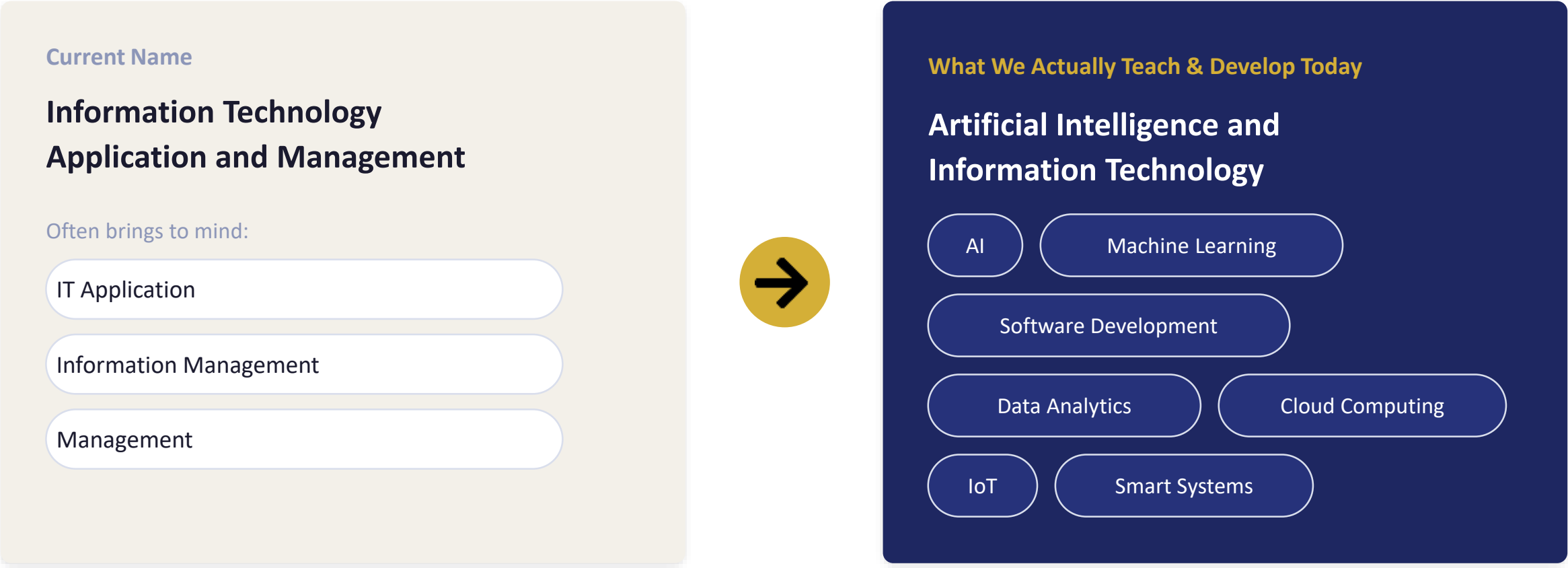


Key Message

AI and data analytics are not new directions added after renaming — they are already part of this program's teaching and research.

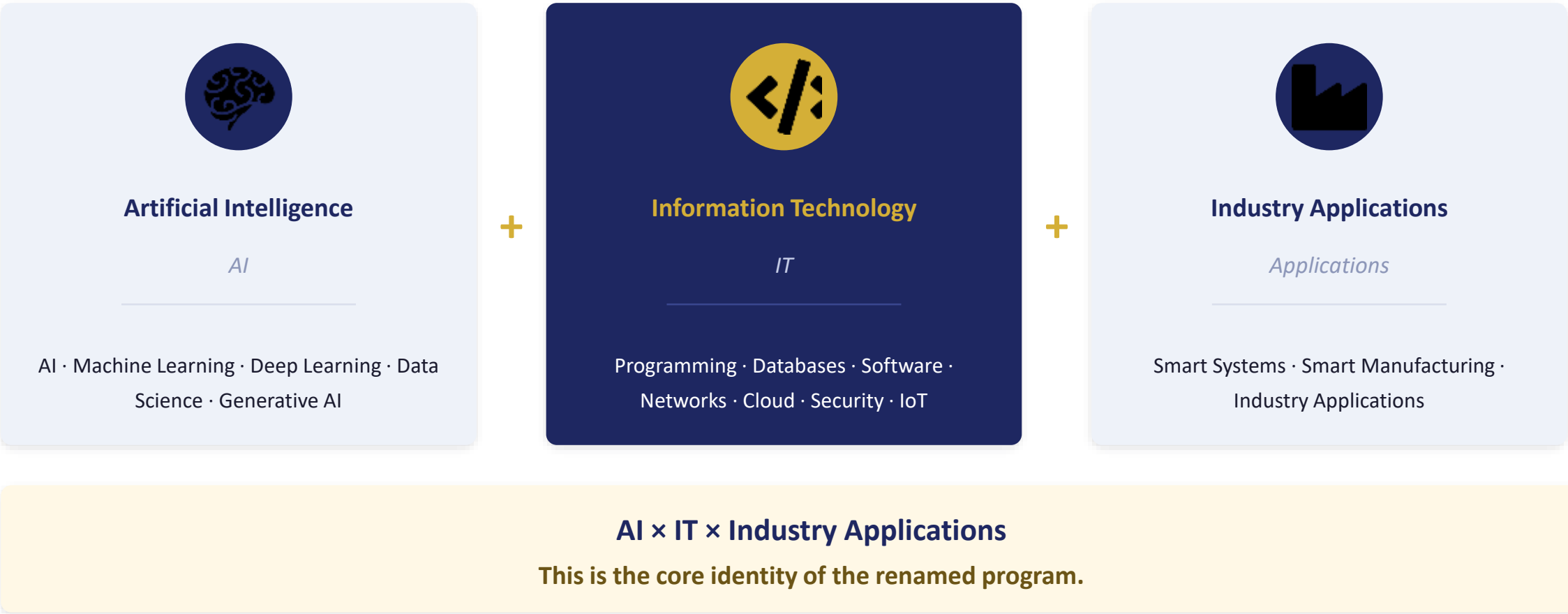
Previous program review materials show that the program has progressively incorporated courses in AI, big data analytics, data mining, cloud computing, and data visualization, while increasing the proportion of IT-related coursework — consistent with our existing development strategy.

Why Rename the Program Now?



This renaming does not represent a shift to a fundamentally different academic field. Rather, it gives a clearer name to the AI and IT direction that the program has been developing over the years.

Why "AI and Information Technology"?



Four Development Pillars After Renaming



AI & Data Intelligence

①

AI, Machine Learning, Deep Learning, Data Science, Data Mining, Computer Vision, Generative AI & LLMs



IT & Computing Systems

②

Programming, Data Structures, Software Engineering, Computer Networks, Cloud Computing, Information Security, Distributed Systems



Smart Systems & Industry Applications

③

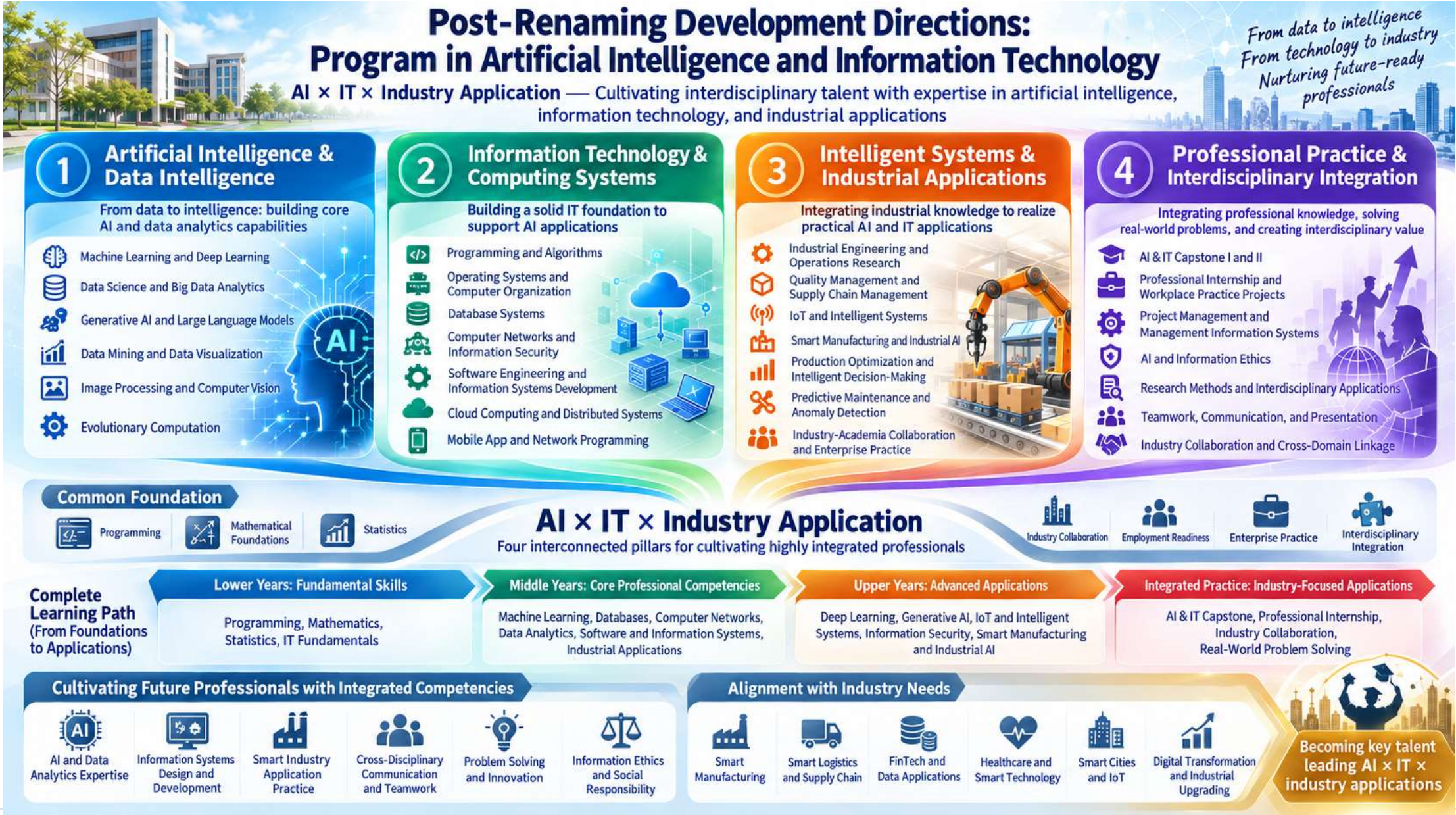
IoT, AIoT, Smart Manufacturing, Industrial AI, Operations Research, Supply Chain Management



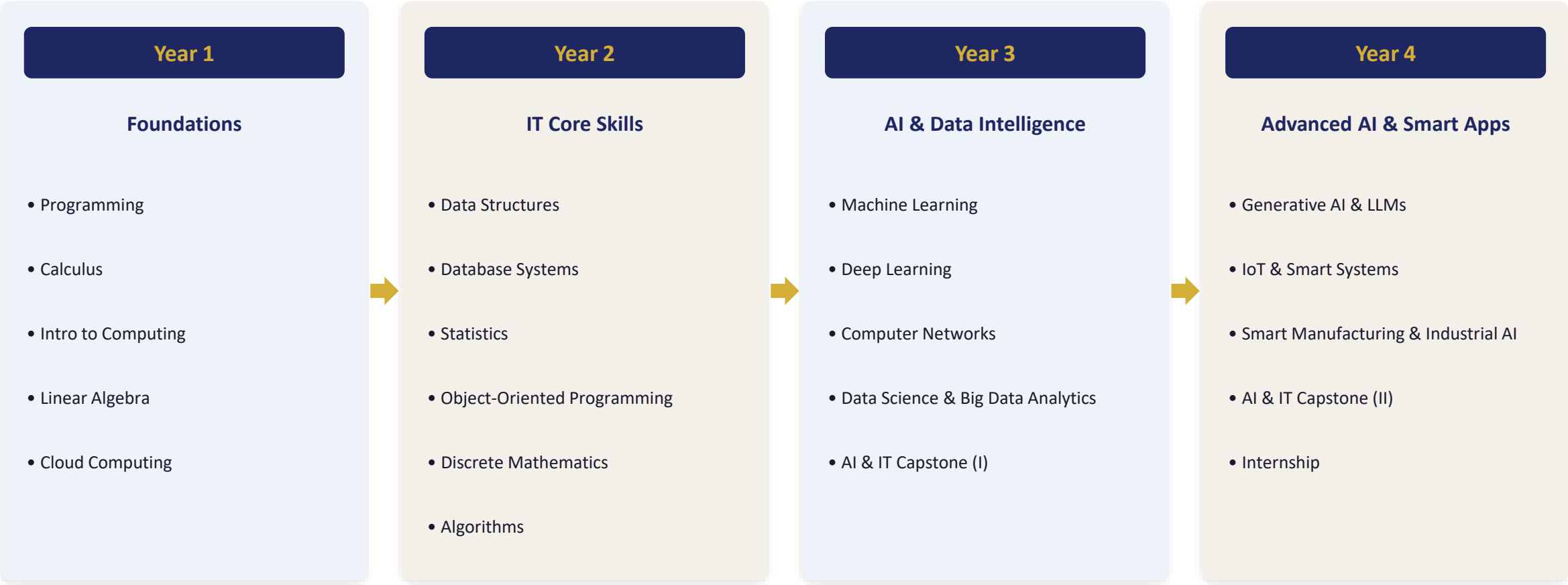
Professional Practice & Interdisciplinary Integration

④

AI & IT Capstone Project, Internship, Research Methods, Project Management, AI & Information Ethics, Industry Collaboration



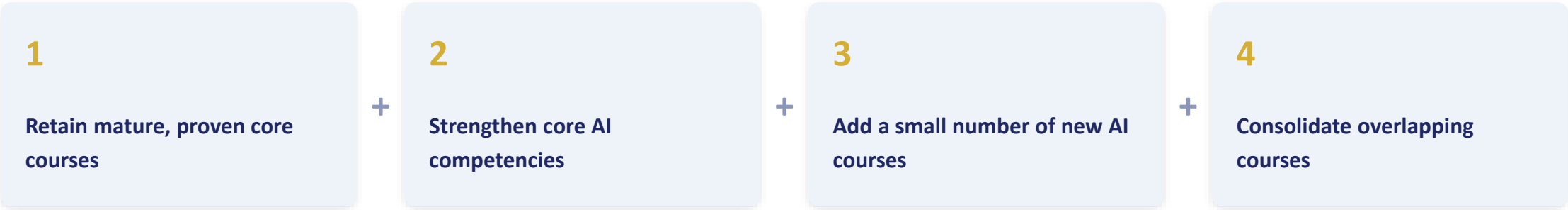
Student Four-Year Learning Path



IT Foundation → AI & Data Intelligence → Intelligent Systems → Professional Practice

Basic Principles of Curriculum Adjustment

We Are Not Replacing the Entire Curriculum



Our guiding principle:

Minimum Necessary Curriculum Adjustment

Which Core Courses Are Retained?

- | | | |
|---|--|---|
|  Programming (I)(II) |  Data Structures |  Object-Oriented Programming |
|  Database Systems |  Statistics |  Machine Learning |
|  Computer Networks |  Cloud Computing |  Data Mining |
|  Software Engineering Practice |  Information Security |  Internship |

Renaming does not mean replacing all existing IT courses with AI courses.

Key Curriculum Revisions

Current Curriculum (AY115 / 2026)	Planned Curriculum (AY117 / 2028)
Accounting — Required	Accounting — Elective
Deep Learning — Elective (Yr 4, Spring)	Deep Learning — Required (Yr 3, Spring)
Big Data Analytics Practice	Data Science & Big Data Analytics
Information Ethics	AI & Information Ethics
Capstone Project (I)	AI & IT Capstone Project (I)
Capstone Project (II)	AI & IT Capstone Project (II)
Discrete Mathematics (Yr 3, Fall)	Discrete Mathematics (moved to Yr 2, Fall)

The AY117 (2028) curriculum plan maintains the current credit structure: 128 total graduation credits (33 university-required, 48 program-required, 47 program electives)

Accounting moves from required to elective while Deep Learning moves from elective to required — a one-for-one swap that leaves required credits unchanged.

New Courses & Course Consolidation

Three Representative New Courses



Generative AI & Large Language Models
LLMs · Transformers · Prompt Design · RAG



IoT & Smart Systems
Sensors · IoT Architecture · Cloud & Edge Computing · AIoT



Smart Manufacturing & Industrial AI
Quality Prediction · Anomaly Detection · Predictive Maintenance

Only a small number of key courses are added — not a full curriculum overhaul.

Courses Not Carried Into AY117 (2028)

Original Course	How It's Handled
Windows Programming	Integrated into Web, Mobile, and Software Engineering courses
Local Area Networks	Covered by Computer Networks and Network Programming
Wide Area Networks	Covered by Computer Networks, Cloud Computing, and Distributed Systems
Engineering Drawing	Not offered to AY117 (2028) new students; students already enrolled in the industry-sponsored (work-study) track continue to take it under their original curriculum and partnership agreement

Some courses are not included in the AY117 (2028) curriculum due to content consolidation or repositioning. Related competencies are covered by existing courses, and current students' course rights remain protected under their original curriculum.

What Changes, What Stays the Same?

Unchanged	Adjusted / Enhanced
Still an existing bachelor's program under the International College	Program name more clearly reflects its AI + IT focus
Current students continue under their original curriculum	AY117 (2028) curriculum strengthens core AI competencies
AY117 (2028) curriculum plan maintains 128 total graduation credits	Deep Learning moves from elective to core required course
IT fundamentals — programming, databases, networks, cloud — remain in place	New courses added in generative AI, IoT, smart manufacturing, and industrial AI
All rights of current students remain protected	Four development pillars reorganized and clarified

What changes is the program name and curriculum focus; what stays the same is the protection of current students' rights and the IT education foundation.



Renaming Will Not Affect Current Students' Rights

1

Original curriculum generally continues to apply

Current students complete their studies under the curriculum and graduation requirements applicable to their year of admission.

2

No added graduation credits from renaming

Renaming does not increase the credits or requirements needed for graduation.

3

Transition measures for course changes

If a course is discontinued, renamed, or rescheduled, substitute courses or credit recognition will be arranged in accordance with university regulations.

4

Industry-sponsored program rights protected

Students in existing partnership programs (e.g., Lite-On, Pegatron) continue coursework per their applicable curriculum and partnership arrangements.

5

Students may continue to raise questions

Channels for student feedback and questions remain open throughout the renaming process.



The AY117 (2028) curriculum generally applies to students admitted from that year onward; current students continue under their original curriculum and university regulations.

FAQ: Delaying Graduation or Retaking a Course?



Students generally continue to meet graduation requirements under the curriculum applicable to their year of admission. The renaming and the AY117 (2028) curriculum do not automatically switch existing students onto the new curriculum.

Situation	Handling Principle
Delaying graduation into AY117 (2028) or later	Students generally continue under their original curriculum and graduation requirements; delaying graduation does not switch them to the AY117 (2028) curriculum.
Failing a required course and needing to retake it	If the course is still offered, students retake it as usual. If discontinued, renamed, or merged, a substitute course, credit recognition, or other transition measures will be arranged in accordance with university regulations to help students meet the original requirement.
Failing an elective or not completing elective credits	Students may take any applicable elective still offered under their original curriculum. If some electives are no longer offered, recognized substitute electives may be taken to fulfill the required credits.
Course name, term, or required/elective status changes	Appropriate course transitions, substitutions, or credit recognition between the old and new curricula will be arranged in accordance with university regulations, along with individual academic advising.

Renaming and the AY117 (2028) curriculum will not require current students to re-complete all graduation requirements under the new curriculum simply because they delay graduation, retake, or make up a course.

The program will continue to provide course-taking and graduation-eligibility advising for individual students.

FAQ: What Name Will Appear on My Diploma?



After renaming, will my diploma show the original or the new program name?

A This renaming plan applies to newly admitted students starting in AY117 (2028):

Students admitted before AY117 (2028)

Continue under their original program name:

"Bachelor's Program in Information Technology Application and Management"

New students admitted from AY117 (2028) on

Once renaming takes effect, the new name applies:

"Bachelor's Program in Artificial Intelligence and Information Technology"

In short: Students currently enrolled are not affected by the renaming; the new name generally applies to students admitted from AY117 (2028) onward.

Faculty & Staff Rights and Development



Current Faculty

- The renaming does not involve discontinuing admissions, merging, or closing the existing program
- Faculty continue teaching and research based on their expertise
- Curriculum changes build on existing faculty expertise and capacity
- Professional development in AI/data/IT is encouraged



Future Faculty

- Future hiring will gradually strengthen AI/IT faculty capacity based on university planning and curriculum needs
- New hires will complement, not replace, current faculty



Administrative Staff

- Existing administrative service arrangements continue
- Renaming does not affect existing staff employment rights

Student Career Pathways

Career Area	Key Competencies	Representative Courses	Possible Career Paths
AI & Machine Learning	Machine Learning · Deep Learning · Generative AI · Model Building	Machine Learning, Deep Learning, Generative AI & LLMs	AI Application Engineer, ML Engineer
Data Science & Analytics	Statistical Analysis · Data Mining · Data Visualization	Data Science & Big Data Analytics, Data Mining	Data Analyst, Data Science-related Roles
Software & Information Systems	Programming · Data Structures · Software Engineering	Object-Oriented Programming, Software Eng. Practice	Software Engineer, Systems Developer
Cloud, Networking & Smart Systems	Cloud Services · Security · IoT Integration	Cloud Computing, IoT & Smart Systems	Cloud Engineer, IoT/Smart Systems Developer
Smart Manufacturing & Digital Transformation	Manufacturing Data Analysis · Optimization · Quality	Smart Manufacturing & Industrial AI	Industrial AI & Smart Production Roles
Capstone & Interdisciplinary Practice	Systems Integration · Project Management · Teamwork	AI & IT Capstone Project, Internship	Tech industry IT/AI application roles

This renaming is meant to clarify students' skills and career directions — it does not guarantee salary or employment outcomes.

Teaching & Research Resources After Renaming



Existing

- AIoT & AI Applications Research Lab
- AI Research Workstations
- Existing Computer Classrooms
- Existing AI/ML/Cloud/Data-related Courses
- Student Capstone Projects & Research

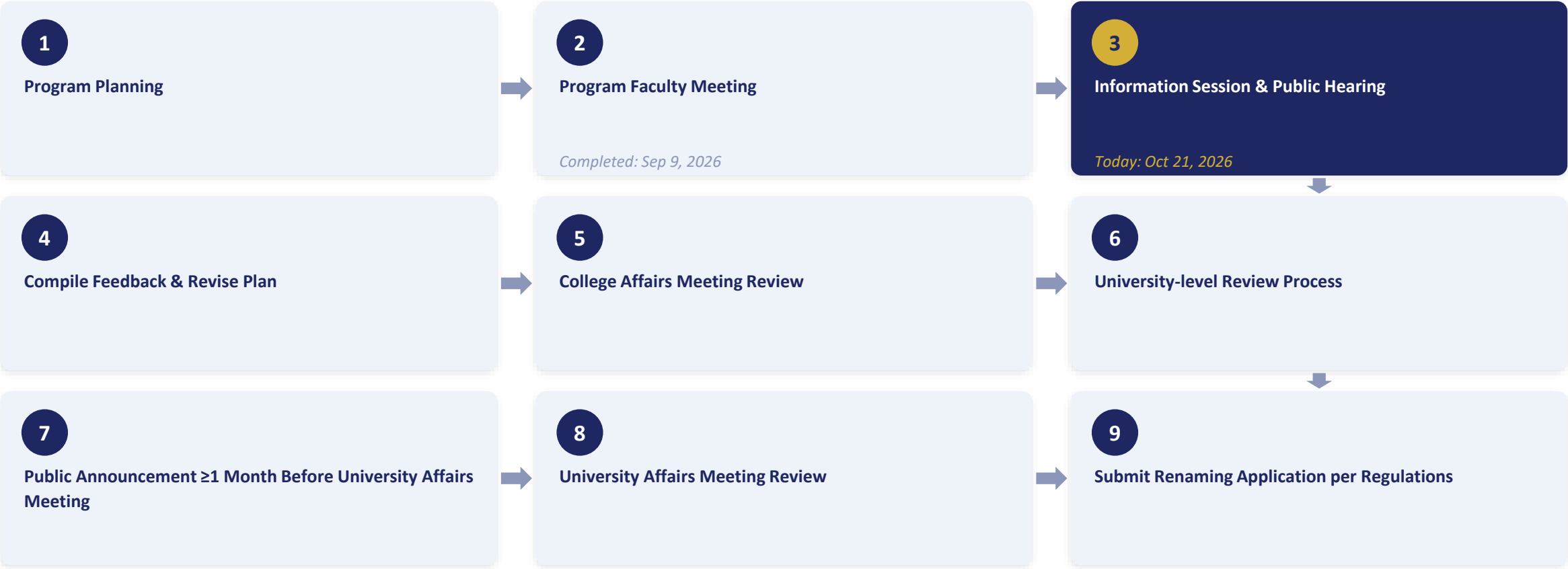


Future Enhancements

- AI-focused Teaching/Lab Space
- AI Computing Equipment & GPU Resources
- AIoT/Edge AI Development Equipment
- Smart Manufacturing/Industrial AI Lab Environment
- Gradual Expansion of AI-related Faculty Capacity

Existing and planned items are clearly distinguished; planned items will be implemented gradually pending official university approval.

Renaming Doesn't Take Effect After Today's Meeting



Today's session is part of the formal renaming procedure; feedback from students and faculty will be incorporated into the plan and application materials.



Your Questions and Feedback Matter

Your Voice Matters to Us

We Welcome Your Feedback On

- Is the new program name clear?
- Is the new curriculum direction appropriate?
- Are current students' rights clearly protected?
- Which courses should be kept or strengthened?
- What suggestions do you have for the future development of AI and IT?
- Other renaming-related questions

Ways to Share Feedback



Speak up in person



Paper feedback form



QR code online form



Email / Program Office

davidli@mail.mcu.edu.tw

Do you have any comments or suggestions on the proposed renaming to "Bachelor's Program in Artificial Intelligence and Information Technology"?

☐ No further comments ☐ Yes — please describe on the feedback form

I understand the course-transition principles for delayed graduation, retakes, or discontinued courses:

☐ Very clear ☐ Clear ☐ Neutral ☐ Somewhat unclear ☐ Unclear

All feedback will be compiled into the hearing record and considered in future planning.