

9. Alignment of Course Learning Outcomes with the General Education Learning Outcomes of Kasetsart University, 2024

Course Learning Outcomes (CLO)	Learning Outcomes of the General Education Courses Kasetsart University, 2024												
	GELO 1	GELO 2	GELO 3	GELO 4			GELO 5		GELO 6	GELO 7	GELO 8	GELO 9	GELO 10
				GELO 4.1	GELO 4.2	GELO 4.3	GELO 5.1	GELO 5.2					
1.													
2.													
3.													

Note: Please use the symbol ● to indicate the alignment between Course Learning Outcomes and General Education Learning Outcomes of Kasetsart University, 2024 as follows:

GELO 1 Integrate knowledge from various disciplines into learning and university life. (Knowledge - K)

GELO 2 Present problem-solving approaches and make decisions using suitable thinking skills for the situation. (Knowledge - K)

GELO 3 Analyze the current situation and plan work appropriately using entrepreneurial competencies. (Knowledge - K)

GELO 4 Apply language, communication, and information technology skills to support learning and effective collaboration with others

Sub GELO 4.1 Communicate effectively using language skills in both work and life (Skill - S)

Sub GELO 4.2 Utilize digital and information technology accurately for communication and collaboration. (Skill - S)

Sub GELO 4.3 Present ideas or work through various methods and formats. (Skill - S)

GELO 5 Manage oneself to be able to live and study

Sub GELO 5.1 Take care of oneself and manage oneself both physically and mentally (Skill - S)

Sub GELO 5.2 Express the value of oneself and others, set goals, and maintain mental health in daily life (Characteristics - C)

GELO 6 Express basic morality and ethics in living with others (Ethic - E)

GELO 7 Evaluate oneself, set goals, plan learning and evaluate learning to develop oneself (Characteristics - C)

GELO 8 Apply the concept of good citizenship and sustainable development in life or activities at the university (Characteristics - C)

GELO 9 Work with others as a leader and follower, knowing their own roles and responsibilities (Characteristics - C)

GELO 10 Express pride in being Thai, maintain the culture, a good identity, local wisdom and national history (Characteristics - C)

Course Outline

****Course Outline:** The course outline must be written in either Thai or English. For courses that include both lectures and Laboratory sessions, details of lecture topics and Laboratory topics must be listed separately. (1 lecture credit equals 15 teaching hours per semester, and 1 Laboratory credit equals 30 or 45 teaching hours per semester)

If the lecture and Laboratory components share the same topics, they may be presented together. In cases where a single topic involves more than 6 teaching hours, subtopics should be added, with appropriate use of formatting such as underlining and numerical aggregation in accordance with mathematical conventions.

The total instructional hours must be consistent with the assigned course credits.

- *Sample Course Outline Format for Lecture-Only (Total 2(2-0-4) Credits)*

Course Outline	Lecture Hours
1. ... (Lesson Topic)	...
2. ... (Lesson Topic)	...
...	...
Total	<u>30</u>

- *Sample Course Outline Format for Lecture and Laboratory (Total 3(2-2-5) Credits)*

Course Outline	Lecture Hours
1. ... (Lesson Topic)	...
2. ... (Lesson Topic)	...
...	...
Total	<u>30</u>

Laboratory Hours

1. ... (Lesson Topic)	...
2. ... (Lesson Topic)	...
...	...
Total	<u>30</u>

10. The alignment of Lesson Learning Outcomes (LLOs) and Course Learning Outcomes (CLOs)

- Specify the lesson titles according to the Course Outline - Specify Lesson Learning Outcomes (LLOs)

- Specify Course Learning Outcomes (CLOs) that align with lessons, as shown in the example table.

- Please Mark ✓ in Learning Outcomes according to the Thai Qualifications Framework for Higher Education 2022 (K-S-E-C) that align with lessons.

Lesson Topic	Lesson Learning Outcomes (LLOs)	Course Learning Outcomes (CLOs)	Learning Outcomes according to the Thai Qualifications Framework for Higher Education 2022			
			Knowledge - K	Skill - S	Ethic - E	Character - C

11. Course Learning Plan

- Specify the lesson titles according to the Course Outline - Specify Lesson Learning Outcomes (LLOs)

- Learning Hours - Instructional Model - Learning Materials - Assessment Methods and Weighting for the Lesson

Lesson Topic	Lesson Learning Outcomes (LLOs)	Hours (Lecture / Laboratory)	Instructional Model	Learning Materials	Assessment method and Weighting

12. Descriptions of Course Learning Outcomes

- Specify the Course Learning Outcomes (CLOs) in alignment with the defined competencies of General Education Courses at Kasetsart University, 2024, as shown in the example table and specify the weighting assigned to each competency, such that the total weighting equals 100.

Competencies of General Education Courses Kasetsart University		Course Learning Outcomes (CLOs) Aligned with Competencies	Percentage of Competency-Based Weighting (%)
1. Communication and information technology skills	1.1 Communication skills		
	1.2 Technology literacy skills		
	1.3 Information literacy skills		
2. Leadership skills	2.1 Leadership skills		
	2.2 Teamwork skills		
3. Entrepreneurial skills	3.1 Entrepreneurial skills		
	3.2 Service mindedness		
4. Thinking skills	4.1 Systems thinking		
	4.2 Analytical thinking		
	4.3 Critical thinking		
	4.4 Creative thinking		
	4.5 Knowledge integration		
5. Multicultural competence	5.1 Physical health management		
	5.2 Mental health management		
	5.3 Personality development		
	5.4 Social adaptability		
	5.5 Life management skills		
6. Self – management skills	6.1 Thai culture and identity		
	6.2 Ethnic and culture diversity		
7. Lifelong learning skills	7.1 Curiosity and learning		
8. Civic engagement skills	8.1 Responsibility to oneself and society		
	8.2 Volunteer spirit		
Morality and ethics*	1. Meticulousness		Not Applicable
	2. Disciplined, responsible, punctual, and honest.		
	3. Social etiquette		
	4. Unity		
	5. Determination		
		Weighted Total (%)	100

Note: * The total percentage of the selected competencies must equal 100%, excluding morality and ethics, which are embedded across all competency areas within the General Education subject category.