



PROGRAMME LEARNING OUTCOMES (PLOs)

General knowledge	
PLO 1	Apply natural, social, technical and economic knowledge to solve problems in preservation, processing, testing, and research and development of food products.
Professional knowledge	
PLO 2	Formulate production procedures based on the analysis of technical factors to ensure and enhance product quality
PLO 3	Design quality management systems for processing plants to ensure food hygiene and safety.
Soft-skills	
PLO 4	Perform work planning, demonstrate creatively critical thinking, work independently and effectively as a team leader or member
PLO 5	Demonstrate communication skills and use specialized English in food technology.
Professional skills	
PLO 6	Operate production equipment in food manufacture factories
PLO 7	Analyse product quality criteria in food preservation and processing procedures.
PLO 8	Design research to address technological and regulatory problems in the food industry through the evaluation of information, scientific data and information technology applications.
Attitude	
PLO 9	Work professionally, maintain professional ethics, social responsibility, and demonstrate personal physical development.
PLO 10	Demonstrate the spirit of entrepreneurship and life-long learning

LEARNING METHODS AND TASKS OF STUDENTS

- Lecturer teach by lectures, group exercises, field practice
- Students need to read the lecture material before going to class
- Attend at least 70% of theory hours and 100% of practice hours
- Listen and answer questions;
- Do assignments in class;
- Group discussion

Course assessment

- Score scale: 10
- On-going assessment: 02 times(40%), Diligent attitude(10%)
- Final exam: 50%



EXPECTED LEARNING OUTCOME OF COURSE (CELOs) PLOs

Knowledge		
CELO 1	Six essential nutrients required for good health	PLO 1,2
CELO 2	Processing Techniques and Equipment	PLO 1,2
CELO 3	HACCP	PLO 1,2
CELO 4	Food Security.	PLO 1,2
Professional skills		
CELO 5	Present (spoken and written) independently on four topics related to Food Science in English, including: nutrition, processing, food safety and food security. Communicate and update knowledge from specialized documents in English.	PLO 4,5,8
Attitude		
CELO 6	Forming the right attitude and awareness on issues related to food processing, the ability to self-research and develop products	PLO 9
CELO 7	Serious and responsible at work and life-long learning .	PLO 9,10

LEARNING CONTENT

- Chapter 1: Six essential nutrients required for good health
- Chapter 2: Processing Techniques and Equipment
- Chapter 3: HACCP
- Chapter 4: Food Security

