



EXPECTED LEARNING OUTCOMES OF PROGRAME (PLOs)		EXPECTED LEARNING OUTCOME OF COURSE (CELOs)		PLOs
General knowledge		Knowledge		
PLO 1	Apply natural, social, technical and economic knowledge to solve problems in preservation, processing, testing, and research and development of food products.	CELO 1	Explain the importance and strategies of product development.	PLO 1
Professional skills		CELO 2	Evaluate product research and development steps.	PLO 2
PLO 2	Formulate production procedures based on the analysis of technical factors to ensure and enhance product quality.	Specialized skills		
PLO 3	Design quality management systems for processing plants to ensure food hygiene and safety.	CELO 3	Apply product development steps.	PLO 4
Soft-skills		CELO 4	Planning work, working independently, working in groups, giving presentations, reading and understanding specialized English	
PLO 4	Perform work planning, demonstrate creatively critical thinking, work independently and effectively as a team leader or member	Attitude		
PLO 5	Demonstrate communication skills and use specialized English in food technology.	CELO 5	Confident, professional, serious, responsible at work.	PLO 9
Specialized skills		CELO 6	Show eagerness to learn and listen	PLO 10
PLO 6	Operate production equipment in food manufacture factories.	LEARNING METHODS AND TASKS OF STUDENTS		
PLO 7	Analyse product quality criteria in food preservation and processing procedures	- Lecturer teach by lectures, group exercises, field practice		
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	- Students need to read the lecture material before going to class		
Attitude		- Attend at least 70% of theory hours and 100% of practice hours		
PLO 9	Work professionally, maintain professional ethics, social responsibility, and demonstrate personal physical development.	- Listen and answer questions;		
PLO 10	Demonstrate the spirit of entrepreneurship and life-long learning.	- Do assignments in class;		
LEARNING CONTENT		- Group discussion		
Chapter 1. Identify the importance of product development		Course assessment		
Chapter 2. Develop product development strategy		- Score scale: 10		
Chapter 3. Define the product development process		- On-going assessment: 02 times(40%), Diligent attitude(10%)		
		- Final exam: 50%		

## The new product development process



### TRA VINH UNIVERSITY

No. 126 Nguyen Thien Thanh Street, Ward 5, Tra Vinh City, Viet Nam

Tel: (+84).294.3855246 Fax: (+84).294.3855217

#### LECTURERS

Lecturer in charge: Pham Bao Nguyen (cell phone: 0906800461; Email: pbnguyen@tvu.edu.vn)

Other lecturer: Nguyen Thi Hien (cell phone :0976864979; Email: hiennguyen@tvu.edu.vn)