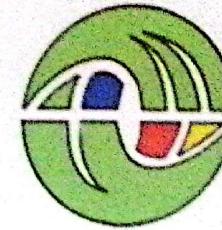




Republic of the Philippines
SULTAN KUDARAT STATE UNIVERSITY
Isulan, Sultan Kudarat
College of Engineering
2nd Semester S.Y. 2024-2025



TLE 222

Introduction to Agriculture, Fishery and Aqua-culture

Prepared by:

KIRK JING JAINAR, LPT



UNIVERSITY VISION

A leading University in advancing scholarly, innovation, multi-cultural convergence, and responsive public service in a borderless region.

UNIVERSITY MISSION

The University shall primarily provide advance instruction and professional training in science and technology, agriculture, fisheries, education and other related field of study. It shall undertake research and extension services, and provide progressive leadership in its area of specialization.

UNIVERSITY GOAL

To produce graduates with excellence and dignity in arts, science and technology.

UNIVERSITY OBJECTIVES

- a. Enhance competency development, commitment, professionalism, unity and true spirit of service for public accountability, transparency and delivery of quality services;
- b. Provide relevant programs and professional trainings that will respond to the development needs of the region;
- c. Strengthen local and international collaborations and partnerships for borderless programs;
- d. Develop a research culture among faculty and students;
- e. Develop and promote environmentally-sound and market-driven knowledge and technologies at par with international standards;
- f. Promote research-based information and technologies for sustainable development;
- g. Enhance resource generation and mobilization to sustain financial viability of the university.

Program Objectives and its relationship to University Goal and Objectives:

PROGRAM OBJECTIVES	a	b	c	d	e	f	g	UNIVERSITY OBJECTIVES
A graduate of Bachelor Science in Industrial Technology major in Food Services and Management / Technology Education can:								
a. Strengthen professional and advanced academic, technical and vocational training in the field of food management services and technology education.	/	/						
b. Effectively transfer and promote scientific researches and technological discoveries for community adaption and development.	/	/	/		/	/	/	
c. Extend technical knowledge to cater the needs of the community in the region.	/	/	/	/	/	/	/	
d. Promote advanced technology innovations relevant to the needs of the industry in local and international standards.	/	/	/		/	/	/	
A graduate of Bachelor Technical Vocational Teachers Education can:	a	b	c	d	e	f	g	
A. Articulate effectively and independently in multi-disciplinary and multi-cultural teams the latest development in the fields practiced such as Automotive Tech., Civil Tech., Drafting Tech., Electrical Tech., Food Service Management and allied disciplines.	/	/	/	/	/			
B. Lead the Promotion and preservation of Filipino historical and cultural heritage, social empowerment and environmental sustainability in a professional and ethical and ethic approach			/		/	/	/	
C. Generate research-base information and technologies at par from international standard; and	/	/		/	/	/	/	

Promote and transfer knowledge and technologies for effective and efficient school-industry partnership.

- 1. Course Code
- 2. Course Title
- 3. Pre – Requisite
- 4. Credits

: TLE 108
: Teaching Common Competencies in AFA
:
: 3 units

5. Course Description

The course aims to provide in each individual the skills and mastery of the common competencies in Agriculture and Fishery Management. It covers all the knowledge and skills on agri-fishery art discipline including philosophy, areas of specialization, role in societal development.

6. Course Learning Outcomes and Relationships to Program Objectives

Course Learning Outcomes	Program Objectives			
	a	b	c	d
At the end of the semester, the students can:				
a. Discuss the basic knowledge about the Crop Production, it's terminology, definitions and history of agriculture	/	/		
b. Determine the Safety Codes and Health Regulations and Safety Measures in Farming and fishery	/	/		
c. Demonstrate knowledge on the technologies available for agricultural crop and aquaculture production, especially innovative and more sustainable techniques.	/	/	/	/
d. Identify Status of Agriculture in the Philippines and determine the problems and solutions.	/	/	/	
e. Discuss the different harvest and post-harvest technologies	/	/	/	/
f. Demonstrate how to grow crops and fisheries.	/	/	/	/
g. Employ learned knowledge on agri-fishery and arts.	/	/	/	/

7. Course Content

Course Objectives, Topics, Time Allotment	Desired Student Learning Outcomes	Outcomes – Based Assessment (OBA) Activities	Evidence of Outcomes	Course Learning Outcomes	Program Objectives	Values Integration
Topic: SKSU VMGO, Classroom Policies, Course Overview, Course Requirements, Grading System (2 hours)						
1. Discuss the VMGO of the University, classroom policies, and overview of the course, course requirements, and grading system.	1. Students can discuss the University VMGO, classroom policies, course overview, requirements and grading system.	Discussion	Students understood the University VMGO, classroom policies, requirements, and grading system			Awareness Obedience
Topics: Introduction to Agriculture(6 hours)						
2. Discuss Introduction to Agriculture	2. Students can acquire basic knowledge about crop and crop production.	*Lecture *Class discussion	*Quizzes *Class Recitation	A,b	a,b	Awareness
Topic: History of Agriculture (9 hours)						
3. Discuss the pre-historic, during the roman period, feudal, scientific and industrial.	3. Student can acquire knowledge on the history of Agriculture.	Collaborative discussion through group reporting.	*Group presentation *quizzes *oral recitation	A,b	A,b	Team work Appreciation Awareness
Topic: Crops and Crop Production(9hours)						

4. Discuss the Classification of Crop, Intensive Cropping, Crop Rotation and Crop Production	a. Students can gain knowledge and skill on Crop and Crop production, especially on classification of quality seeds and plants.	*Collaborative discussion through group reporting. *demonstration by the instructor and return demonstration after.	*group presentation * students' outputs	C,d,e	A,b,d	Cooperation Self-confidence
Topic: Vegetable Garden (7hours)						
5. Apply basic knowledge on gardening	6. Students can apply their skills on vegetable garden activity	*Class participation *students' output	*group cooperation	F	A,b,c,d	Apreciation Cooperation
Topic: Harvesting and Post-Harvest Technology(9 hours)						
6.1. Developing a skills needed in harvesting and post harvesting and the technologies used.	6.1 Students can develop a skills harvesting and post harvesting and the technologies used.	Collaborative discussion	*oral recitation *quizzes	E	A,b,c,d	Responsiveness Common sense Unity
Topic: Introduction to Fishery (9hours)						
7.1. Demonstrate food and preparation/production specialized service.	7.1. Students can demonstrate food preparation/production and specialized service	Online discussion and demonstration through google meet/zoom	Direct observation Constructive Feedback	g	A,b,c,d	Receptiveness Cooperation Self-trust
Number of Hours	52 hours (Lecture) 2 hours (Exam)					
Total Number of Hours	54Hours					

8. Course Evaluation:
Course Requirement:

Quizzes
Project
Assignment
Class Participation/Oral
Vegetable Garden/ Processed Products
Written Examination (Midterm and Final)
All students must adhere to the guidelines: act respectfully, responsibly and with maturity; arrive on time and be ready for instruction; put cell phones on silent mode and must be kept, contribute to an orderly learning environment; must not hesitate to consult the instructor when there are important concerns; establish good rapport with instructor; maintain silence during oral reports/ presentations; cooperate in classroom activities and in in-class performance

Grading System

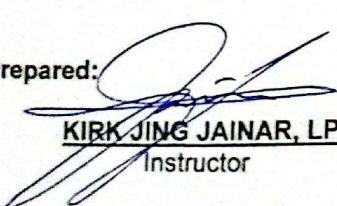
	Midterm	Final Term	Class Schedule:
Quizzes/Assignments	10%	10%	Schedule of Examination :
Oral Participation/ Project	10%	10%	
Class Requirements	10%	10%	
Attendance	20%	20%	
Written Examination	50%	50%	
	<u>100%</u>	<u>100%</u>	

9. REFERENCES

Textbooks

- BFAR. (2018). Comprehensive Post-Harvest, Marketing and Ancillary Industries Plan 2018-2022.
Bush, S. and Oosterveer, P. (2019). Governing sustainable seafood. Routledge, CRC.
Dy, Rolando T. (2017, December 18). Retrieved from Inquirer.net: <https://business.inquirer.net/242679/asean-agriculture-summit-competitive-analytics>
Ebora, Reynaldo V., Jocelyn E. Eusebio, Fezoi Luz C. Decena, Abigail May O. Retuta and Carlo G. Custodio Jr. (2018). A paper presented to the Regional Expert Consultation on Agricultural Biotechnology - Scoping Partnership to Improve Livelihoods of Farmers in Asia-Pacific to be held on May 29-31, 2018 at Rama Gardens Hotel, Bangkok

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