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**Department of Horticulture**

**College of Agriculture**

**University of Salahaddin-Erbil**

**Subject: Agricultural extension**

**Course Book – (Second Semester)**

**Lecturer's name: Sherwan Jalil Ahmed**

**Academic Year: 2022/2023**

**Course Book**

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| **1. Course name** | **Agricultural Extention** |
| **2. Lecturer in charge** | **Sherwan Jalil Ahmed** |
| **3. Department/ College** | **Horticulture / College of Agriculture** |
| **4. Contact** | **e-mail: sherwan.ahmed1@su.edu.krd****Tel: (optional): 009647504528240** |
| **5. Time (in hours) per week**  | **Theory: 2** **Practical: 3**  |
| **6. Office hours** | **Every day without Saturday it is off** |
| **7. Course code** |  |
| **8. Teacher's academic profile**  | I were assistant researcher for Four Years from College of administration and economics, , University of Salahaddin-Erbil.BA in Economics, Faculty of Business and Economics, University of Salahuddin, 2007-2008.Master of Agricultural extension, Faculty of Commerce, Mansoura University, 2014.Now Iam assistant Lecture, College of Agriculture, University of Salahaddin-Erbil.I got these certificates in my academic life and now has a joint research with my colleague, I have publish about The role of agricultural development to fill the food gap in the Kurdistan region. And surveillance obligations and the preparation of lectures for students of the All Steps phase. |
| **9. Keywords** | **Agricultural Extension, Agriculture Research, Adoption & Knowledge, Message, Source, Channel of Communication, Receiver, Persuasion, Decision, Implementation, Confirmation** |
| **10. Course overview:**  is the application of scientific research and new knowledge to agricultural practices through farmer education. The field of 'extension' now encompasses a wider range of communication and learning activities organized for rural people by educators from different disciplines, including agriculture, agricultural marketing, health, and business studies. And i tried through the Principles of this lecture note the necessary comprehensiveness topics agricultural extension and process of enabling change in individuals, communities and industries involved in the primary industry sector and in natural resource management.  The teaching of the foundations and principles of agricultural extension , including the definition of guidance button - conscious philosophy, principles and objectives, regulations and administrative guidance, extension communication, leadership and job - related beacon, guiding program planning. And the importance of agricultural extension: agricultural extension important topics it is necessary to know the science in our process and often students hear about the agricultural problems and is going on in his mind a lot of questions that you would like to find the answer, and most important of these questions at the present time how to be dealing with unemployment and, marketing and production from agriculture sector. Several of the institutional innovations that have come up in response to the weaknesses in public research and extension system have given enough indications of the emergence of an agricultural innovation system. Extension should play the role of facilitating the access to and transfer of knowledge among the different entities involved in the innovation system and create competent institutional modes to improve the overall performance of the innovation system. Inability to play this important role would further marginalize extension efforts. |
| **11. Course objective:** The primary objective of agricultural extension is to maximize profitability in agriculture to the benefit of society. They pursue this aim through studying and analysing the aspects that influence the agricultural economy and distribution of resources, such as land, raw materials, labor and machinery. The main objective of the programme is to graduate students who have acquired adequate skills and knowledge, to enable them engage effectively in entrepreneurial and other profitable activities of agriculture and allied areas, in order to alleviate agricultural and rural development problems. The department also seeks to graduate students, who will be able to utilize their skills for the establishment and operation of their own farming enterprises and are also able to serve as mentors in the fields of agricultural extension and extension educational activities. Assist students in the development of thought and insight into the working farm and so comprehend the natural, social, economic and moral realities that revolves around the lives of farmers and their families and giving them the skills and methods of technical. |
| **12. Student's obligation** Learning is best achieved within an environment where there is mutual respect evident in all activities and interactions between teacher and students. A student has an obligation to exhibit honesty and to respect the ethical standards of the profession in carrying out his or her academic assignments. Students are needed to prepare for and participate in assignments and reports for seminars. Competence in verbal communications is seen as a key skill of the curriculum and is a core skill of practice.  Students are needed to the attendance and completion of all tests; exams (Quizzes, middle exam, final semester exam) contribute fairly to the group work process. Capacity to work effectively within a group is a key skill required in practice in all arenas. When undertaking group work, students are needed to treat their student colleagues and any facilitators with the same courtesy they would expect in return.  Students are expected to contribute fairly to the group work process. Capacity to work effectively within a group is a key skill required in practice in all arenas. |
| **13. Forms of teaching** I uses different ways to connecting students with my course and the ways of teaching the material, including:(Data show, PowerPoint (with Graph & Image), white Board, Callers pen, visit Process). |
| **14. Assessment scheme**Generally includes overall assessment and examination, the participation of students from my section, preparing the report, the performance of Quiz, Daily Activities.Exam grades are distributed as follows: - (40) the first degree course, distributed as follows: - (30) Degree exams quarterly editorial. (Theoretical + practically) (10) grades for classroom activities, student + solving exercises home + Shortcut exams (Quiz) (60) the degree of the final exam (first round of first semester or the second Round) (Theoretical = 40 + practically = 20) |
| **15. Student learning outcome:** The Subject Covers used methodological and conceptual aspects of economic topics partial and Colleges and analysis of these issues and its impact from the standpoint of economic theory is the most touched on these topics. Students will be useful in this course to connect and focus with market of agricultural products (demand and supply of agricultural goods, balance markets, patterns budget and revenue, costs). And to identify the most important contemporary national and regional topics of agriculture and statement of economic, political and social effects, especially on the Kurdistan region of Iraq.  Students will know how to appreciate the access to employment through knowledge about the market by get the best disciplines required This is because the degree of response by the market. Agricultural economy and creates and expands opportunities before the students the way to the reality of demand for agricultural commodities in order to care about it in the production process and offering in the market to fill the existing demand in the market. Students will know about how they Know as usually request duplicate and permanent of agricultural products, especially food, This is because the daily consumption, so through this course to learn how to deal with the demand in the market, particularly on food commodities.  |
| **16. Course Reading List and References‌:**▪ Key references:1. Introduction to Agricultural extension, Penson, Capps, Rosson & Woodward, Prentice Hall, 2011
2. Agricultural EExtension, Karcagi-Kovats, Andrea, Kuti, Istvan, University of Debrecen, Service Sciences Methodology Centre, Debrecen, 2013.

▪ Useful references:1. Samurai, Abdullah Ahmad, 1990, aware of Agricultural Extension, the University of Baghdad, Iraq.
2. Tonight, Zaki Hassan, 1987, the principles of Agricultural Extension, the University ofMosul, Iraq.
3. Adyesun - Mander, 1983, Abdul Hassan Abbas al - Khafaji , translation, Agricultural Extension C 1, C 2, Basra University, Iraq.
4. Samarrai, Hatem Ali, 1976, Agricultural Extension and its role in rural development, Baghdad,iraq.
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| **17. The Topics:** | **Lecturer's name** |
| Week 1: General information about Agricultural ExtentionWeek 2: Agricultural Extension: introduction, definition, concept.. Week 3: Agricultural Extension philosophy, principles of Agricultural Extension Week 4: The goals of Agricultural Extension Week 5: Organization Extension: definition, Elements and CausesWeek 6: First mid-Semester exam Week 7: The role of agricultural extension in rural development and its location between scienceWeek 8: Communication: Definition, Elements and FormsWeek 9: Adoption: the stages of the adoption process, the sources of informationWeek 10: Roads and aids guide wayWeek 11: Second mid-Semester exam | Sherwan Jalil Ahmed (2 hrs) for every week |
| **18. Practical Topics (If there is any)**Week 1: Feasibility Study for Agricultural ProjectsWeek 2: Evaluation of projects for agricultural projectsWeek 3: The visit to the Grdarasha fieldWeek 4: The visit to Ankawa Research CenterWeek 5: The visit to the Agricultural Extension CenterWeek 6: First mid-Semester exam Week 7: The visit to the College of Agriculture LibraryWeek 8: The visit to the Grdarasha field arms (Bnaslawa)Week 9: The visit to the Grdarasha field arms (Shamamk)Week 10: The visit to the Grdarasha field arms (Gazna)Week 11: Second mid-Semester exam | (3 hrs) every week |
| In this section The lecturer shall write titles of all practical topics he/she is going to give during the term. This also includes a brief description of the objectives of each topic, date and time of the lecture  | Lecturer's nameex: (3-4 hrs)ex: 14/10/2015 |
| **19. Examinations:*****Q 1: ( a duty of automatic points):*** (Reasons for extension officers failed in the selection of communication channels).(What’s mean culture and what types).(Recipes good indicative targets)(Mention Reasons guiding the process with different teaching processes generally accepted in schools and educational institutions). ***Q 2: (What’s mean agricultural extension and goals Agricultural Extension ).***  ***Q 3: a. (Number of reliable indicators and inferred to be the guiding agricultural activities).***  ***B. (Only the number (5) of the Principles of Agricultural Extension)*** ***Q4: (Explain the mechanism points only illustrative pictures):*** (Explain the connection Devices search Agricultural And Guidance Agricultural).(Structure of the agricultural guidance as a process of education and training and the media. |
| **20. Extra notes:**Here the lecturer shall write any note or comment that is not covered in this template and he/she wishes to enrich the course book with his/her valuable remarks. |
| **21. Peer review پێداچوونه‌وه‌ی هاوه‌ڵ** This course book is suitable with the level of student. Show to student the best topic taked them, And scientific object.*Dr. Tavga Qadir Omer, a lecturer, Salahaddin University-Erbil* *Signature* 20 / 5 / 2017 |