**Storyboard\_BLENDED LEARNING COURSE DEVELOPMENT –CPR4221: Agricultural Extension and Policies**

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| **Units** | **Intended unit learning outcomes** | **Activity where students engage with this unit outcome** | **Where and how is this unit outcome assessed?** |
| **Unit 1.** **Technology Transfer Skills and Strategies** | 1.1.Explain Technology transfer*.* | - Discussion on Technology transfer, what comes to mind when you hear the word “Technology”?Referring to the process by which humans modify nature, products, process, etc. to meet their needs and wants- Reading Texts materials/ Questioning (Questions-Answers)  | Lecturer will monitor the discussion of students and check the relevance of what students post on forum.online quiz will be given for assessment |
| 1.2 Identify Barriers to Technology Transfer | - Group discussion on the identified Barriers to Technology Transfer- Reading Texts materials/ Questioning (Questions-Answers)  | Lecturer will monitor the discussion of students and check the relevance of what students post on forum.online quiz will be given for assessment |
| 1.3.Identify Stakeholder Groups and members in technology sector | - Discussion on different Stakeholder Groups and members regarding technology- Reading Texts materials/ Questioning (Questions-Answers)  | Lecturer will monitor the discussion of students and check the relevance of what students post on forum.online quiz will be given for assessment |
| 1.4 Five priorities technologies for the agriculture sector | - Discussion on Five priorities technologies for the agriculture sector in Rwanda- Reading Texts materials/ Questioning (Questions-Answers)  | Lecturer will monitor the discussion of students and check the relevance of what students post on forum.online quiz will be given for assessment |
|  | 2.1 Explain the history of Agricultural extension in Rwanda: The colonial period until the Independence-Day, 1st July 1962  | - Discuss the features of Agricultural Extension during this period in Rwanda- Reading Texts materials/ Questioning (Questions-Answers)  | Lecturer will monitor the discussion of students and check the relevance of what students post on forum.online quiz will be given for assessment |
| 2.2. Postcolonial period: 1962 - 1980 | - Discuss the features of Agricultural Extension during this period in Rwanda- Reading Texts materials/ Questioning (Questions-Answers)  | Lecturer will monitor the discussion of students and check the relevance of what students post on forum.online quiz will be given for assessment |
| 2.3.Postcolonial period (1980 - 1994) | - Discuss the features of Agricultural Extension during this period in Rwanda- Reading Texts materials/ Questioning (Questions-Answers)  | Lecturer will monitor the discussion of students and check the relevance of what students post on forum.online quiz will be given for assessment |
| 2.4.Postcolonial period of 1994 - 1998  | - Discuss the features of Agricultural Extension during this period in Rwanda- Reading Texts materials/ Questioning (Questions-Answers)  | Lecturer will monitor the discussion of students and check the relevance of what students post on forum.online quiz will be given for assessment |
| 2.5 Postcolonial period of 1998 to nowadays  | - Discuss the features of Agricultural Extension during this period in Rwanda- Reading Texts materials/ Questioning (Questions-Answers)  | Lecturer will monitor the discussion of students and check the relevance of what students post on forum.online quiz will be given for assessment |
|  |  | 3.1. Understand the Concept of Agricultural Extension  | - Discussion on basic premises explaining the concept of extension- Reading Texts materials/ Questioning (Questions-Answers)  | Lecturer will monitor the discussion of students and check the relevance of what students post on forum.online quiz will be given for assessment |
| 3.2 Understand Extension Objectives and Functions to Support Achieving Agricultural Development  | - Discussion on objectives and functions of agril extension- Reading Texts materials/ Questioning (Questions-Answers)  | Lecturer will monitor the discussion of students and check the relevance of what students post on forum.online quiz will be given for assessment |
|  | 3.3.Understand Principles of Agricultural Extension  | - Discussion on principles of agril extension- Reading Texts materials/ Questioning (Questions-Answers)  | Lecturer will monitor the discussion of students and check the relevance of what students post on forum.online quiz will be given for assessment |
| 4.1. Understand the Philosophy, Needs and Levels of Agricultural Extension | - Discuss the Philosophy, Needs and Levels of Agricultural Extension- Reading Texts materials/ Questioning (Questions-Answers)  | Lecturer will monitor the discussion of students and check the relevance of what students post on forum.online quiz will be given for assessment |
| 4.2 Process and Steps involved in Agricultural Extension  | - Discuss the Extension Educational Process steps- Reading Texts materials/ Questioning (Questions-Answers)  | Lecturer will monitor the discussion of students and check the relevance of what students post on forum.online quiz will be given for assessment |
|  | 5.1. Explain Extension through Individual Contact Methods . | - Discuss advantages and limitations of different individual contact methods- Reading Texts materials/ Questioning (Questions-Answers)  | Lecturer will monitor the discussion of students and check the relevance of what students post on forum.online quiz will be given for assessment |
| 5.2. Explain Extension through Group Contact Methods  | - Discuss advantages and limitations of different group contact methods- Reading Texts materials/ Questioning (Questions-Answers)  | Lecturer will monitor the discussion of students and check the relevance of what students post on forum.online quiz will be given for assessment |
| 5.3 Explain Extension Through Mass Contact Method  | - Discuss advantages and limitations of different mass contact methods- Reading Texts materials/ Questioning (Questions-Answers)  | Lecturer will monitor the discussion of students and check the relevance of what students post on forum.online quiz will be given for assessment |
|  | 6.1 Explain Meaning of Farmer Field School | - Discuss the history, meaning of FFS- Reading Texts materials/ Questioning (Questions-Answers)  | Lecturer will monitor the discussion of students and check the relevance of what students post on forum.online quiz will be given for assessment |
| 6.2 Explain Basic Concepts of Farmer Field School  | - Discuss the basic Concepts of Farmer Field School - Reading Texts materials/ Questioning (Questions-Answers)  | Lecturer will monitor the discussion of students and check the relevance of what students post on forum.online quiz will be given for assessment |
| 6.3 Explain Principles & Characteristics of the Farmer Field School | - Discuss the Principles & Characteristics of the Farmer Field School- Reading Texts materials/ Questioning (Questions-Answers)  | Lecturer will monitor the discussion of students and check the relevance of what students post on forum.online quiz will be given for assessment |
|  | 7.1 Explain Concept, Meaning, Process and Factors Affecting Communication | - Discussion on Concept, Meaning, Process and Factors Affecting Communication- Reading Texts materials/ Questioning (Questions-Answers)  | Lecturer will monitor the discussion of students and check the relevance of what students post on forum.online quiz will be given for assessment |
| 7.2 Explain Interpersonal communication skills | - Discussion on Interpersonal communication skills- Reading Texts materials/ Questioning (Questions-Answers)  | Lecturer will monitor the discussion of students and check the relevance of what students post on forum.online quiz will be given for assessment |
| 7.3 Explain Farmers & Innovation decision process, Stages in Adoption and Innovation-Decision Process; Adopter Categories and Attributes of Innovation | -Discuss Farmers & Innovation decision process, Stages in Adoption and Innovation-Decision Process; Adopter Categories and Attributes of Innovation- Reading Texts materials/ Questioning (Questions-Answers)  | Lecturer will monitor the discussion of students and check the relevance of what students post on forum.online quiz will be given for assessment |
|  | **Seven (7) Practicals of Unit 1.***Acquire skills associated with various aspects of Technology Transfer Skills and Strategies learned during the course period.* | Individually or in groups, learners have to follow the instructions available on moodle E-learning platform to complete these assigned activities.1. The scientists and extensionists have realized the advantage of making the farmer as a stakeholder in generating and dissemination of technologies. What do you understand by Participatory Technology Development and Participatory Technology Dissemination, their process and advantages for faster diffusion?2. e-extension - concept and its role in effective technology dissemination process in agricultural development programmes - elaborate.3. Applications of ICT for Technology transfer system in agriculture – Explain with an example.4. Transfer of Indigenous Technical Knowledge to the rural communities and its effect in reducing the cost of cultivation.5. Role of Agri-clinics and Agri-business Centres in contributing to agricultural extension services to the farmers.6. Discuss about Training & Visit (T & V) extension system7. Discuss SWOT Analysis of the Agricultural Extension in Rwanda | During the assignments session lecturer will supervise activity and make sure student /group perform activity correctly. The following items will be considered during evaluation:* Introduction
* Objectives of the assignment (there must be at least two objectives)
* Details with subtopics Review of literature
* Analysis supplemented with case illustrations/ field examples
* Summary and Conclusion
* References

Lecturer will assess Learners’ Group Reports and/or PresentationsThe assignment is for 20 marks.  |
|  | **Summative Assessment** | Summative Assessment Covering the Whole Unit | Lecturer will Assess Individual Work of Learners submitted online |
| **Units** | **Intended unit learning outcomes** | **Activity where students engage with this unit outcome** | **Where and how is this unit outcome assessed?** |
| **Unit 2: HUMAN RESOURCE MANAGEMENT** | **The module is taught by a Visiting Lecturer** |