**Course Title: Animal Health Extension and Pastoralism**

Course No: Vetm-5251

Lecture: 2 Cr. Hrs

Practical: 0

**Course description**

The challenge for trainers approaching rural development is to not simply develop a training package and delivery methodology for the clients, but the course deals with description of the Ethiopian livestock sector; livestock production system; agricultural knowledge systems; principles of extension; extension approach etc.

**Course objectives**

At the end of this course, students should be able to:

• Familiarize themselves with agro-ecological and production systems in Ethiopia;

• Understand the different extension approaches,

• Inform and influence national and regional policies to improve pastoral livelihoods in East Africa.

**Mode of delivery:** The course will be offered through lectures, class discussions, group works, reading assignments and field visits.

**Assessment methods:** Quizzes, projects, assignments and final examination

**Course outline**

**Part I: Animal Health Extension – Dr Tsegaw Fentie (9 weeks)**

Lesson 1: Description of the Ethiopian livestock sector week-1

Lesson 2: Objectives and principles of extension education week-2 &3

* Objectives of extension education
* Principles and philosophy of extension education
* Purposes and significance of extension education
* Extension educational process
* Target groups of livestock dev’t
* National goal & extension approaches

Lesson 3: Extension teaching methods and alternative approaches week- 4&5

* Communication
* Extension teaching methods
* Technology adoption and consequences
* Screening of technologies and management practices
* Technology application

Lesson 4: Participatory Rural Appraisal (PRA) techniques week- 6 &7

* PRA principles and features
* Pillars and scope of PRA
* PRA techniques
* Participatory technology development

Lesson 5: The concept of the contact family week-8

Lesson 6: Classic extension approach: week -9

* + Demonstrations,
	+ Field days,
	+ Group meetings

**Part II: Pastoralism - Dr Haileyesus (7weeks)**

Lesson 1: Dynamics of pastoral systems in East Africa week-10

Lesson 2: Pastoralism as a “system” regulated by

* + ecology and complex modes of social, political and economic organization

Lesson 3: Past policies with regard to pastoralism week-11&12

* + alienation of pastoral land for other uses
	+ trial to modernize pastoral systems
	+ the effects of the interventions

Lesson 4: Policy challenges and options for pastoralism week-13

Lesson 5: Analysis of current reforms with respect to land and natural resource

 Management week 14

Lesson 6: Pastoralism within the context of week 15&16

* + national poverty reduction strategies,
	+ decentralization and
	+ increasing privatization and foreign investment

**References**

1. IGAD-LPI (2011). The Contribution of Livestock to the Ethiopian Economy (Part II), IGAD Livestock Policy Initiatives, Working Paper No. 02 – 11. Editors: Roy Behnke and Fetawek Metaferia.
2. Venkatasubramanian V. and RAO S.V.N. (2002). Livestock extension education. ICAR, New Delhi.
3. Mathialagan P. (2007). Text book of Animal husbandry and livestock extension. 3rd ed. International Book Distributing Co., India.
4. Ellis, J.E. and Swift, D.M. (1988). Stability of African pastoral ecosystems: alternative paradigms and implications for development. J. Range Manag. 41(6): 450–459.
5. Price, K.G. and Verios, L. (1999), IDEAS – a diversification manual for the pastoral rangelands, AGWEST, ISSN1326-4168.