



## Course Weekly Outline

|                           |   |                        |                    |                 |                        |
|---------------------------|---|------------------------|--------------------|-----------------|------------------------|
| <b>Course Instructor</b>  | Majid Hameed Rashid   |                        |                    |                 |                        |
| <b>E_mail</b>             | Majidbayati87@gmail.com   |                        |                    |                 |                        |
| <b>Title</b>              | Feeds and feeding   |                        |                    |                 |                        |
| <b>Course Coordinator</b> | First Course  |                        |                    |                 |                        |
| <b>Course Objective</b>   | Teaching students about all feeds and rations that's giving to animal (Ruminant)  |                        |                    |                 |                        |
| <b>Course Description</b> | Discripe all the plants and feeds consump by animals , nutritive value, intake, factors affecting on animal feeding and all the rations . |                        |                    |                 |                        |
| <b>Textbook</b>           | Feeds and animal nutrition – A.Al-attar .University of Basra.1986   |                        |                    |                 |                        |
| <b>References</b>         | Forage evaluation in ruminant nutrition – D.I.Givens ,E.Owen and H.M.Omed ,CABI Publishing 2000   |                        |                    |                 |                        |
| <b>Course Assessment</b>  | Term Tests<br>As (25%)  | Laboratory<br>As (10%) | Quizzes<br>As (5%) | Project<br>---- | Final Exam<br>As (60%) |
| <b>General Notes</b>      |   |                        |                    |                 |                        |

## Course weekly Outline

| week | Date | Topics Covered                        | Practical Part                 |
|------|------|---------------------------------------|--------------------------------|
| 1    |      | Feed stuffs                           | Determination of NFE           |
| 2    |      | Feed nutrients                        | Diet composition               |
| 3    |      | Classification of Feed stuffs         | As feed nutrition              |
| 4    |      | Roughage and concentrate feed stuffs  | DM nutrition                   |
| 5    |      | Feeds industry                        | Determination of digestibility |
| 6    |      | First month exam                      | Determination of digestibility |
| 7    |      | Silage                                | TDN value                      |
| 8    |      | Hay                                   | First month exam               |
| 9    |      | Improve of nutrition value            | Feed balance                   |
| 10   |      | Carbon and nitrogen balance<br>Energy | Feed balance                   |
| 11   |      | Theory of feed intake                 | Dairy cattle requirements      |
| 12   |      | nutrition requirements                | Sheep requirements             |
| 13   |      | Second month exam                     | In vitro experiment            |
| 14   |      | NPN component                         | Second month exam              |
| 15   |      | Animal ration                         | Rations                        |

Instructor Signature:

Dean Signature: