



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

|                                                  |   |                                                                                                                                                                                                                                                                                                                                                             |                      |                                              |   |                                |   |            |   |
|--------------------------------------------------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------------------------------|---|--------------------------------|---|------------|---|
| Course Title                                     |   | Animal Housing                                                                                                                                                                                                                                                                                                                                              |                      |                                              |   |                                |   |            |   |
| Course Code                                      |   | VZO502                                                                                                                                                                                                                                                                                                                                                      |                      | Couse Level                                  |   | Second Cycle (Master's Degree) |   |            |   |
| ECTS Credit                                      | 5 | Workload                                                                                                                                                                                                                                                                                                                                                    | 128 ( <i>Hours</i> ) | Theory                                       | 2 | Practice                       | 2 | Laboratory | 0 |
| Objectives of the Course                         |   | The aim of the course, considerations in built up of housing, in different livestock, housing types and its traits, to teach interior design of housing                                                                                                                                                                                                     |                      |                                              |   |                                |   |            |   |
| Course Content                                   |   | General information related to animal housing, considerations in built up of livestock housing, cattle housing and housing types, interior design of cattle housing, calf housing, poultry housing and housing types , poultry equipments, sheep housing and housing types, horse housing and housing types, the measurements of feeder, drinker and stall. |                      |                                              |   |                                |   |            |   |
| Work Placement                                   |   | N/A                                                                                                                                                                                                                                                                                                                                                         |                      |                                              |   |                                |   |            |   |
| Planned Learning Activities and Teaching Methods |   |                                                                                                                                                                                                                                                                                                                                                             |                      | Explanation (Presentation), Individual Study |   |                                |   |            |   |
| Name of Lecturer(s)                              |   |                                                                                                                                                                                                                                                                                                                                                             |                      |                                              |   |                                |   |            |   |

### Assessment Methods and Criteria

| Method              | Quantity | Percentage (%) |
|---------------------|----------|----------------|
| Midterm Examination | 1        | 40             |
| Final Examination   | 1        | 60             |

### Recommended or Required Reading

|   |                                                                                                                                                                       |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Aksoy, F.T. (1994): Tavuk Yetiştiriciliği, Ankara Üniversitesi Matbaası, Ankara.                                                                                      |
| 2 | Alpan, O., Arpacık, R. (1994) Sığır Yetiştiriciliği. Ankara Üniversitesi Basımevi, Ankara.                                                                            |
| 3 | Arpacık, R. (1995): Entansif Sığır Besiciliği. Şahin Matbaası, Ankara.                                                                                                |
| 4 | Arpacık, R. (1996) At Yetiştiriciliği. Şahin Matbaası, Ankara.                                                                                                        |
| 5 | Battaglia, R.A. (2001): Handbook of Livestock Management. Practice-Hall International Ltd, London                                                                     |
| 6 | McGlone, J., pond, W. (2002): Pig Production: Biological Principals and Applications. <a href="http://books.google.com.tr/books">http://books.google.com.tr/books</a> |
| 7 | Şengonca, M. (2005): Hayvan Yetiştirme İlkeleri. Ege Üniversitesi Basımevi, Bornova, İzmir.                                                                           |
| 8 | Ensminger, M. E. (1992): The Stockman's Handbook. Interstate Publishers, Inc. Denville, Illinois.                                                                     |
| 9 | Wathes, C.M., Charles, D.R. (1994): Livestock Housing. CAB International, Wallingford, UK.                                                                            |

| Week | Weekly Detailed Course Contents |                                                                                                                |
|------|---------------------------------|----------------------------------------------------------------------------------------------------------------|
| 1    | Theoretical                     | The issues necessary to be considerations in selection of place for horse housing                              |
|      | Practice                        | Farm application                                                                                               |
| 2    | Theoretical                     | Tavla yapımında dikkat edilmesi gerekli konular                                                                |
|      | Practice                        | Farm application                                                                                               |
| 3    | Theoretical                     | Horse housing types, the measurements necessary to be provided for feeder, drinker and stall in horse housing. |
|      | Practice                        | Farm application                                                                                               |
| 4    | Theoretical                     | The issues necessary to be considerations in selection of place for cattle housing                             |
|      | Practice                        | Farm application                                                                                               |
| 5    | Theoretical                     | The issues necessary to be considerations in built up of cattle housing                                        |
|      | Practice                        | Farm application                                                                                               |
| 6    | Theoretical                     | Cattle housing types                                                                                           |
|      | Practice                        | Farm application                                                                                               |
| 7    | Theoretical                     | Interior design of housing to be built up for dairy cattle, beef cattle and young cattles                      |
|      | Practice                        | Farm application                                                                                               |
| 8    | Intermediate Exam               | Midterm exam                                                                                                   |
| 9    | Theoretical                     | Calf housing                                                                                                   |
|      | Practice                        | Farm application                                                                                               |
| 10   | Theoretical                     | The issues necessary to be considerations in selection of place and built up of sheep housing                  |
|      | Practice                        | Farm application                                                                                               |
| 11   | Theoretical                     | Sheep housing types and interior design of sheep housing                                                       |



|    |             |                                                                                                |
|----|-------------|------------------------------------------------------------------------------------------------|
| 11 | Practice    | Farm application                                                                               |
| 12 | Theoretical | The issues necessary to be considerations in selection of place and built up of poultry houses |
|    | Practice    | Farm application                                                                               |
| 13 | Theoretical | The types of poultry house                                                                     |
|    | Practice    | Farm application                                                                               |
| 14 | Theoretical | The types of poultry house                                                                     |
|    | Practice    | Farm application                                                                               |
| 15 | Theoretical | Poultry house equipments                                                                       |
|    | Practice    | Farm application                                                                               |
| 16 | Final Exam  | Final exam                                                                                     |

**Workload Calculation**

| Activity                              | Quantity | Preparation | Duration | Total Workload |
|---------------------------------------|----------|-------------|----------|----------------|
| Lecture - Theory                      | 14       | 0           | 2        | 28             |
| Lecture - Practice                    | 14       | 0           | 2        | 28             |
| Assignment                            | 2        | 0           | 10       | 20             |
| Reading                               | 1        | 0           | 20       | 20             |
| Midterm Examination                   | 1        | 15          | 1        | 16             |
| Final Examination                     | 1        | 15          | 1        | 16             |
| Total Workload (Hours)                |          |             |          | 128            |
| [Total Workload (Hours) / 25*] = ECTS |          |             |          | 5              |

\*25 hour workload is accepted as 1 ECTS

**Learning Outcomes**

|   |                                                                                                 |
|---|-------------------------------------------------------------------------------------------------|
| 1 | to know the issues required to be considered in housing site selection for different livestock. |
| 2 | to know the issue required to be considered in built up of housing in different livestock.      |
| 3 | to know housing types and its traits in livestock.                                              |
| 4 | to know housing equipments.                                                                     |
| 5 | to know the ambient conditions required in animal housing.                                      |

**Programme Outcomes (Animal Science (Veterinary Medicine) Master)**

|    |                                                                                                                                                                                                                                                                                                                                          |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | Knows basic principles of animal rearing and breeding.                                                                                                                                                                                                                                                                                   |
| 2  | Knows physiological and morphological traits of farm animals. He/she can achieve a successful herd management by means of transferring his/her knowledge to the rural area.                                                                                                                                                              |
| 3  | Knows management of the animals and can take required measurements in the farm. He/She controls the productivity in the farm and keeps all farm records.                                                                                                                                                                                 |
| 4  | Knows selection and culling methods.                                                                                                                                                                                                                                                                                                     |
| 5  | He/She can involve in all stages of production in the farm. Knows how to establish and manage of farm enterprises. He/She can help to the entrepreneurs who will enter the farm business.                                                                                                                                                |
| 6  | He/She can detect and eliminate hereditary defects and problems by using his/her basic genetic knowledge.                                                                                                                                                                                                                                |
| 7  | Knows production traits due to his/her knowledge about hereditary principles. He/She can achieve heifer selection and determine breeding strategies for maximum production.                                                                                                                                                              |
| 8  | He/She can involve as an expert in scientific researches, breeding programs and judicial issues with his/her knowledge about race determination, parenthood tests, blood groups etc.                                                                                                                                                     |
| 9  | Knows how to reach resources and knows selection criterions of scientific researches. He/She can systematically present data. Knows statistical concepts and how to can get data, and present those as figures and tables and how to comment them. Knows different statistical methods. He/She can design a topic as a scientific paper. |
| 10 | Knows animal behaviours. Knows legal directives about animal welfare and can design some facilities such as housing, feeding, transferring and slaughtering processes according to these directives.                                                                                                                                     |

**Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High**

|    | L1 | L2 | L3 | L4 | L5 |
|----|----|----|----|----|----|
| P1 | 2  | 1  | 1  | 1  | 1  |
| P2 |    |    |    | 2  | 1  |
| P3 | 3  | 3  | 3  | 3  | 2  |
| P4 |    |    |    |    | 1  |
| P5 | 4  | 5  | 5  | 4  | 3  |



|     |   |   |   |   |   |
|-----|---|---|---|---|---|
| P10 | 2 | 3 | 1 | 2 | 2 |
|-----|---|---|---|---|---|

