**NEAR EAST UNIVERSITY**
**Faculty of Veterinary Medicine Course Curriculum**

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| **1.** | **Course Name** | ANIMAL HUSBANDRY II |
| **2.** | **Course Code** | VTE312 |
| **3.** | **Course Type** | Compulsory |
| **4.** | **Course Level** | Undergraduate |
| **5.** | **Year** | 3 |
| **6.** | **Semester** | Spring, 6VET |
| **7.** | **ECTS Credits** | 4 |
| **8.** | **National credits** | 3 |
| **9.** | **Theoretical Course Hours (hours/week)** | 2h/week |
| **10.** | **Practical Course Hours (hours/week)** | 2h/week |
| **11.** | **Course Prerequisites** | None |
| **12.** | **Other Topics Recommended for the Course** | None |
| **13.** | **Course Language** | English |
| **14.** | **Course Format** | Face-to-face |
| **15.** | **Course Coordinator** | Prof. Dr. Dilek ARSOY |
| **16.** | **Other Lecturers that Give the Course** | - |
| **17.** | **Communication Details of the Coordinator** | Near East University, Faculty of Veterinary Medicine<br>Department of Animal Scienece, Nicosia / TRNC<br>E-mail: dilek.arsoy@neu.edu.tr<br>darsoy@gmail.com |
| **18.** | **Course Web Address** | |
| **19.** | **Course Aim** | To provide students with information about the care, management, yield characteristics and shelter conditions of farm animals (cattle, sheep, goat, horse, pig, poultry) genetic progress, rearing conditions and its economy. |

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| **20.** | **Contribution of the Course to Occupational Development** | The ability of veterinarians to provide diagnosis and treatment services and to provide healthy and quality food for humans depends on the knowledge of healthy and safe animal production. |

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| **21.** | **Course Learning Outcomes** | **LO1** | Able to understand related concepts/theories<br>Will be able to discuss the validity of related concepts/theories |
| | | **LO2** | Will be able to apply related concepts/theories to real life/other given situations/cases<br>Will be able to critically analyse the real-life applications of related concepts/theories. |
| | | **LO3** | Will be able to develop/create a new approach<br>Able to carry out given work independently<br>Able to work as a group on a given work |
| | | **LO4** | Will be able to synthesize different concepts and theories to create their own unique approaches. |
| | | **LO5** | Preparation for the presentation(s)<br>Evaluate their own work according to the given criteria. |
| | | **LO6** | Will appreciate the value of learning<br>Able to develop targeted skills |

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| **22.** | **Course Content** | **WEEK** | **THEORETICAL COURSE CONTENT** | **PRACTICAL CONTENT** |
| | | **1.** | Place of cattle in the zoological system, origin of cattle, cattle breeds; native and cultured breeds (dairy, meat and combined yield), (grazing area, morphological and physiological characteristics) | |
| | | **2.** | Breeding parameters in dairy cows, Bull Indexes. Type and condition scoring in cattle, age determination, transport, welfare in dairy cows | Body condition scoring, age determination, well-being index |
| | | **3.** | Records and yield controls in dairy cattle, insemination, herd management parameters | Registration examples |
| | | **4.** | Calf, heifer care and rearing techniques | Practical applications (numbering, dehorning, artificial feeding, shelter) |
| | | **5.** | Cattle breeding techniques | Carcass characteristics and carcass quality evaluation |
| | | **6.** | Importance of sheep and goat breeding, sheep and goat breeding in Turkey | Practical applications in sheep farming |
| | | **7.** | Main sheep breeds bred in Turkey and in the world | Practical applications in sheep farming |
| | | **8.** | Midterm exam | |

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| | | **9.** | Sheep breeding techniques, herd management, health and animal welfare, lamb care and production techniques | Welfare and management parameters |
| | | **10.** | Goat breeds and yield characteristics | Practical applications in goat breeding |
| | | **11.** | Goat breeding techniques and herd management | |
| | | **12.** | Horse breeds, Horse breeding, horse farms. | Age determination |
| | | **13.** | Characteristics of race horses, Horse behaviour | Applications in horse breeding |
| | | **14.** | Pig breeds, breeding, yield characteristics, housing, care and management | Applications in pig farming |
| **23.** | **Course Book, References and/or Other Resources** | 1. Sığır Yetiştiriciliği, Alpan O., Arpacık R., Ankara 1997.<br>2. Entansif Sığır Besiciliği, Arpacık R. Ankara 1997<br>3. Calf Rearing, Thickett B., Mitchell D., Hallows B., 2003<br>4. Dairy Cattle Science, Tyler H, Ensminger M.E., Ani Sci Iowa State 2005<br>5. Koyun Yetiştiriciliği, Akçapınar H; 2000<br>6. Keçi Yetiştiriciliği, Ed. Kaymakçı M., Aşkın Y. Bornova 1997<br>7. Managing Your Ewe, Lawson L., Virginia, 2002<br>8. At Yetiştiriciliği, Arpacık R., Ankara, 1996<br>9. The BHS Complete Manuel of Stable Management, Auty, I., Kenilworth Press, Glasgow, UK, 2002<br>10. Binicilik I, At Bakım ve Donatım, Temurlenk, Ö., Ankara, 1996<br>11. At Yetiştiriciliği Ders Notları, Balcı, F., Bursa, 2005<br>12. Yoldaşımız At, Emiroğlu E, Yüksel A., 2002<br>13. The Genetics of the Horse, Bowling A.T., Ruvinsky A., 200 | |

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| **24.** | **Evaluation** | **SEMESTER WORK** | **NUMBER** | **PERCENTAGE OF CONTRIBUTION** |
| | | Midterm Exam | 1 | 40 |
| | | Short Exam | | |
| | | Homework, Performance | 2 | 20 for final exam |
| | | End of Year Exam | 1 | 60 |
| | | Total | | 100 |
| | | Evaluation Approaches | Exams consist of multiple choice and classic questions | |

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| **25.** | **ECTS / Workload Table** | **Activity** | **NUMBER** | **Duration [Hours]** | **Total Workload [Hours]** |
| | | Theoretical Courses | 14 | 2 | 28 |
| | | Practical Courses | 14 | 2 | 28 |
| | | Extracurricular Lesson Study Time (Preparation, revising) | | | |

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| | | Homework, Performance | 2 | 30 | 60 |
| | | Projects | | | |
| | | Field Studies | 1 | 2 | 2 |
| | | Midterm Exams | 1 | 1 | 1 |
| | | Other | | | |
| | | End of Semester Exams | 1 | 1 | 1 |
| | | Total Workload | | | 120 |
| | | Total Workload/ 30 Hours | | | 120/30 |
| | | Course ECTS Credits | | | 4 |