**VME450 REPRODUCTIVE BIOTECHNOLOGY AND ITS APPLICATION Course Working Schedule**

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| **Weeks** | **Weekly Subject Headings** |
| 1st week | Reproductive Biotechnology |
| 2nd week | Usage areas of reproductive biotechnology in cows |
| 3rd week | Mating and fertilization |
| 4th week | Plasentation |
| 5th week | Embryo transfer and its history |
| 6 th week | STATE OF THE EMBRYO TRANSFER IN THE WORLD AND IN TURKEY |
| 7 th week | BIOTECHNOLOGY LABORATORY |
| 8 th week | EMBRYO PRODUCTION AND FOLLICULAR WAVE |
| 9 th week | the sYNC |
| 10 th week | SUPEROVULATION- SUPERSTIMULATION |
| 11 th week | FLUSHING (In vivo Embryo Production) |
| 12 th week | EVALUATION OF EMBRYOS |
| 13 th week | IN VITRO FERTİLİZASYON |
| 14 th week | EMBRYO TRANSFER |