A. CATALOG DESCRIPTION
   1. Credits: 1
   2. Hours/Week: 1
   3. Prerequisites (Course discipline/number): EQSC 1100
   4. Co-requisites (Course discipline/number): EQSC 1100
   5. MnTC Goals (if any): NA

   This course will introduce the student to basic reproductive management in horses. The focus will be on anatomical structures of the mare, stallion as well as the management and manipulation of the endocrine system as it relates to reproduction. Estrous cycles, parturition, breeding methods, and diseases will also be covered.

B. DATE LAST REVISED (Month, year): December, 2011

C. OUTLINE OF MAJOR CONTENT AREAS:
   1. Reproductive anatomy
   2. Estrous cycles
   3. Reproductive diseases and disorders
   4. Stages of parturition
   5. Management of breeding stock
   6. Manipulation of the estrous cycle
   7. Stallion care and management
   8. Breeding methods

D. LEARNING OUTCOMES (GENERAL): The student will be able to:
   1. Use appropriate language as it relates to equine reproduction.
   2. Illustrate the mares heat cycle and how to manipulate it.
   3. Describe the stages of embryonic development from conception to birth.
   4. Identify major anatomical structures in the mare and stallion.
   5. Gain awareness of common diseases and disorders of the reproductive system.

E. LEARNING OUTCOMES (MNTC): NA

F. METHODS FOR EVALUATION OF STUDENT LEARNING:
   1. Reports
   2. Quizzes
   3. Tests
   4. Discussion
   5. Projects
   6. Question & Answer sessions
   7. Fieldtrips and/or service learning
   8. Presentations
   9. Essays and written assignments

G. RCTC CORE OUTCOME(S) ADDRESSED:
   ☒Communication   ☒Civic Responsibility
   ☒Critical Thinking   ☐Personal/Professional Accountability
   ☐Global Awareness/Diversity   ☐Aesthetic Response

H. SPECIAL INFORMATION (if any): This course may require fieldtrips and/or service learning. Students are responsible for their own transportation and/or any related expenses.