**Title:** Advanced Beef Cow-Calf Production Medicine

**Background:** Beef production medicine is becoming an area of increased focus at veterinary schools across America. We have a unique situation here at Purdue University in that we have 22 herds across the state where we provide beef cow-calf production medicine consultation services. This block was offered beginning with the Class of 2012. We expect to take a maximum of 10 students for this block.

**Course #:** VCS 87904

**Offered:** Block 9  
October 26-Novmeber 16, 2015  
October 24-November 11, 2016

**Length:** 1 block (3 weeks)

**Arranged Total Hours:** 135

**Credits:** 3 credits

This course is designed to provide an intensive 3 week experiential clinical rotation that is focused on beef cow-calf production medicine. The students will spend about 40% of the time on herd visits, about 50% on research and writing up herd reports and about 10% in lecture. Each student will be responsible for a specific area of focus on each herd visit. The areas of focus are: health, nutrition, fertility, environment, genetics, records and marketing. If the herd also has a feedlot as part of the beef business, we will also examine that enterprise. The course will be offered first to Purdue DVM students and then, if additional space is available, any other fourth year veterinary student can apply. Purdue students taking the block will be available for back-up emergency duty on days when they are on campus.

Prerequisites: Purdue students are required to take VCS 83901 Beef Production Medicine. Students from other veterinary schools should have taken an equivalent course or will need to have special permission from the instructor of record. An application will need to be completed so as to assess the student’s background in beef production medicine and so that the best learning experience can be achieved.

**Available to:** Food animal, large animal and mixed animal track students
Advanced Beef Cow-Calf Production Medicine

Senior Student – Clinical Block Medicine

Course #: VCS 87904  Course Name: Advanced Beef Cow-Calf Production Medicine

Clinic: 3 weeks  Hours: 135

Instructor of Record: Dr. W. Mark Hilton

Course Description:

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There is no required text. Students that did not take VCS 83901 (Beef Production Medicine) at Purdue will be asked to purchase course notes for this class. Reference books will be available and helpful for students as they research answers to questions posed by herd owners.

References Include:

- Herd Health – Food Animal Production Medicine, 3rd edition, Radostits
- Beef Practice: Cow-Calf Production Medicine, Chenoweth and Sanderson
- Current Veterinary Therapy – Food Animal Practice, 5th edition, Anderson and Rings
- Veterinary Medicine: A Textbook of the Diseases of Cattle, Horses, Sheep, Pigs, and Goats; 10th edition; Radostits, Bay, Hinchcliff, and Constable

Grade Assignment:

Distribution of Points for Letter Grades: A plus-minus grading system will not be used.

A = 90-100%
B = 80-89%
C = 70-79%
D = 60-69%
F = <60%
Mid-block Evaluation:

All students will receive feedback on performance throughout the block and a mid-block evaluation will be completed for each student.

Satisfactory Completion of the Block Requires:

Knowledge base (25%): Student understands herd concerns and can make or research and find appropriate recommendations to herd owners so that concern can be resolved. There is no differentiation between knowing appropriate answers and finding appropriate answers.

Herd Visit Report (25%): Student will be in charge of at least one area of herd report. Options include: health, fertility, nutrition, genetics, marketing, environmental control, and records. If the farm also has a feedlot, this category will be included as an option. Student will develop an accurate, practical and concise report so owner can take action to alleviate concerns mentioned during the herd visit.

Professionalism (25%): Student displays enthusiasm for learning during the herd visit, research and discussion time. Student will respect the doctor:client:patient relationship and not discuss herd problems with other herd owners. Herd success stories may be freely shared if permission is granted from the herd owner.

Communication Skills (25%): Since consultation work is highly dependent on communication, student will be assessed on these skills. Listening skills will be an integral part of this process as many times the student will not immediately know the answer posed by the owner. Communication skills will also include speaking and writing skills.

Course Evaluation/Instructor Evaluation Procedure:

The students will have an opportunity to complete a course/instructor evaluation at the end of the rotation. Participation of the evaluation process is an integral part of this course. Student feedback is vital to improving education at Purdue University. Students are strongly encouraged to participate in the evaluation system.

Policy on Academic Dishonesty:

Cheating, plagiarism, or knowingly furnishing false information to the University are examples of dishonesty. The commitment of the acts of cheating, lying, stealing, and deceit in any of their diverse forms (such as the use of ghost-written papers, the use of substitutes for taking examinations, the use of illegal cribs, plagiarism, and copying during examinations) is dishonest and will not be tolerated. Moreover, knowingly to aid and abet, directly or indirectly, other parties in committing dishonest acts is in itself dishonest (from SVM Admin. Doc. #20; University Regulations, 2008-09, Part 5, Section 111-B-2-a). Students found guilty of cheating or academic dishonesty in any form will receive a grade of “F” for the course.
Disability Resource Office:

Students with disabilities must be registered with the Disabilities Resource Office in the Office of the Dean of Students before classroom accommodations can be provided. If you are eligible for academic accommodations because you have a documented disability that will impact your work in this class, please schedule an appointment with me as soon as possible to discuss your needs.

Campus Emergency:

In the event of a major campus emergency, course requirements, deadlines, and grading percentages are subject to changes that may be necessitated by a revised semester calendar or other circumstances. For information about changes in this course, please contact the instructor of record.

Risk Associated with Animal Contact:

You will be working with animals in this course and there are risks inherent in working with animals. Diseases may be transmitted from animals to humans (zoonotic diseases). To reduce the risk, practice good hygiene and wash your hands frequently. Do not recap needles and discard them in containers designated for disposal of contaminated “sharps.” Wear gloves or other protective gear when appropriate. Animals may be the source of allergens that trigger allergies. You are at risk for bites, scratches, kicks, etc. For more specific information about the health risks associated with working with animals, see the web site: http://www.purdue.edu/research/vpr/rschadmin/rschoversight/animals/occhealth.php. If you have concerns about this, please contact the Professor of Record for this course.