DEPARTMENT OF ANIMAL HEALTH

COURSE OUTLINE – FALL 2014

AH 347 – SURGICAL ASSISTANCE

INSTRUCTOR:	Christy Barlund, DVM	**PHONE:**	780-835-6701
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OFFICE HOURS: 9am – 4pm or as posted

PREREQUISITE(S)/COREQUISITE:

Students must complete and pass AH246 04/11

REQUIRED TEXT/RESOURCE MATERIALS:

- Marianne Tear, *Small Animal Surgical Nursing,* Elsevier/Moseby, 2012 2nd Edition

CALENDAR DESCRIPTION:

Identification, use, care and maintenance of surgical instruments, equipment and supplies is covered in detail. Students learn to prepare facilities, patients and equipment for surgical procedures with strict adherence to principles of sanitation and sterilization. Students will participate in surgical procedures as a surgical assistant and will learn to pass instruments, care for exposed tissue and provide suction or cautery. Students become responsible for post operative clean up of the patient, equipment and facilities and follow up with patient monitoring and surgical records.

CREDIT/CONTACT HOURS: 1/16

DELIVERY MODE(S): Lecture. Students will obtain and be evaluated on practical competencies in anesthesia in Clinical Procedures I & II labs.

OBJECTIVES:

Module 1: Facility and Patient Preparation
Upon successful completion of this Module, you will be able to describe and demonstrate the appropriate use of surgical instruments and supplies; prepare facilities, equipment and the patient for surgery.

1. Describe the principles of sterilization, identifying solutions and preparations that are used.
2. Describe, operate and maintain autoclaves.
3. Identify, use and maintain surgical instruments.
4. Identify surgical garments and draping materials, and demonstrate their appropriate uses.
5. Prepare surgical suite for surgery.
6. Administer local anesthetics (cornual, epidural, paravertebral, line block) as required.
7. Prepare surgical site using aseptic technique.

Module 2: Surgical Assistant
Upon successful completion of this Module, you will be able to perform as a surgical assistant.

1. Prepare and perform aseptic surgical scrub.
2. Describe and demonstrate appropriate operating room conduct.
3. Maintain operating room asepsis.
4. Describe and demonstrate draping of a patient.
5. Describe and demonstrate how to properly pass instruments and supplies.
6. Assist with care of exposed tissues and /or organs.
7. Describe the use of suction, cauterizing and fiber optic equipment.

Module 3: Post Surgical Duties
Upon successful completion of this Module, you will be able to perform post surgical duties.

1. Describe and apply effective OR clean up.
2. Describe and apply effective preparation room clean up.

Module 4: Suturing
Upon successful completion of this Learning Outcome Guide, you will be able
to perform common sutures and knots used in veterinary practice. (LAB: SUTURING LAB)

1. Differentiate between a square knot and surgeons knot.
2. Demonstrate and explain the application of a surgeons knot.
3. Apply and remove simple interrupted, cruciate, simple continuous, and Ford interlocking sutures.
4. Identify common types and sizes of suture material.
5. Identify common suture patterns and knot tying.

TRANSFERABILITY: N/A

** Grade of D or D+ may not be acceptable for transfer to other post-secondary institutions. Students are cautioned that it is their responsibility to contact the receiving institutions to ensure transferability

GRADING CRITERIA:

	GRANDE PRAIRIE REGIONAL COLLEGE		
	GRADING CONVERSION CHART		
Alpha Grade	**4-point Equivalent**	**Percentage Guidelines**	**Designation**
A+	4.0	90 – 100	EXCELLENT
A	4.0	85 – 89	
A−	3.7	80 – 84	FIRST CLASS STANDING
B+	3.3	77 – 79	
B	3.0	73 – 76	GOOD
B−	2.7	70 – 72	
C+	2.3	67 – 69	SATISFACTORY
C	2.0	63 – 66	
C−	1.7	60 – 62	MINIMAL PASS*
F	1.3	55 – 59	FAIL
	1.0	50 – 54	
	0.0	0 – 49	
WF	0.0	0	FAIL, withdrawal after the deadline

*overall grade average has to be 2.0 or higher to be successful in the program.

STUDENT EVALUATION: A passing grade in this course is a minimum of 60% in the theory portion. Deductions at the discretion of the instructor. The instructor may give pop quizzes. There is a supplemental examination available only for the final exam. Students must have a mark of 50% or greater on the final exam to be allowed to write a supplemental exam. No supplemental quizzes allowed. If a student misses a quiz without prior notification and without a valid reason, a mark of zero will be assigned for that quiz. Late assignments not accepted.

Mark Distribution

A. Assignments/Quizzes   30%

B. Lecture Final Exam   38%

C. Instrument Bell Ringer   32%

          100%

STUDENT EQUIPMENT AND SUPPLIES

- Simple Calculator
- Blue or Black Pen (permanent ink)

EXAMINATIONS:

STUDENT RESPONSIBILITIES: Enrolment at Grande Prairie Regional College assumes that the student will become a responsible citizen of the College. As such, each student will display a positive work ethic, take pride in and assist in the maintenance and preservation of Institute property, and assume responsibility for his/her education by researching academic requirements and policies; demonstrating courtesy and respect toward others; and respecting instructor expectations concerning attendance, assignments, deadlines, and appointments.

Additional Information

Any material handed in to an instructor must be in blue or black pen, no white out, medical corrections only. Disruptive behavior in the class will result in the student being excused from the class – this includes use of cell phones or any hand held equipment that has not been approved by the instructor.
Any student wishing to see a marked quiz or midterm must make an appointment with the instructor to view or go over. Final exams are not available to be viewed by a student.

STATEMENT ON PLAGIARISM AND CHEATING:

Please refer to pages 49-50 of the College calendar regarding plagiarism, cheating and the resultant penalties. These are serious issues and will be dealt with severely.

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