

CALENDAR DESCRIPTION:

Review of skills learned throughout the program by performing the tasks and responsibilities of an AHT in a clinic and pharmacy setting. The student will perform reception duties, book, admit and discharge patients, perform laboratory tests, administer medications, monitor patients and discuss cases on rounds, maintain records, files and inventories and many other duties required of an AHT in a private practice. The student is expected to demonstrate teamwork and cooperation at all times.

CREDIT/CONTACT HOURS:

134 hours contact time
3 Credits

DELIVERY MODE(S):

Lab and Clinic rotation components

TRANSFERABILITY:

**** 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:

Enrolment in the Animal Health Technology Program at Fairview College Campus 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.

Students are evaluated on timeliness, sanitation, presentation, clinic duties, medical records, conflict resolution, team work and attitude. 80% or above is needed for a passing mark.

Students must also complete both small and large animal competency lists. These lists may include a written evaluation of the knowledge acquired during the labs.

There will be several practical evaluations during the progression of this course. Failure of a practical evaluation will result in a minimum 15% deduction or failure of the course at the instructors' discretion.

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.

EXAMINATIONS and Other Information:

*** Learning Outcome Guides**

CLINIC PROCEDURES II

Upon successful completion of this Learning Outcome Guide, you will be able to demonstrate clinical and nursing procedures and general sanitation required of an AHT in a mixed animal practice.

1. complete Fairview College Competencies Check List as clinical situations allow
2. demonstrate positive professional deportment in a clinic setting
3. demonstrate communication, team work and interpersonal skills appropriate to a professional environment
4. demonstrate initiative and willingness to complete tasks

LAB: Canine Neuter

Upon successful completion of this Learning Outcome Guide, you will be able to perform AHT duties for canine neuters.

LAB: Feline IV Fluid Therapy and Spay

Upon successful completion of this Learning Outcome Guide, you will be able to perform and maintain intravenous fluid therapy in the feline patient undergoing ovariohysterectomy surgery.

LAB: Canine Spay

Upon successful completion of this Learning Outcome Guide, you will be able to perform AHT duties for a canine ovariohysterectomy.

LAB: Orthopedic Prep

Upon successful completion of this Learning Outcome Guide, you will be able to demonstrate and display surgical assistant and surgical scrub techniques employed in orthopedic surgery.

LAB: Review Lab for Small Animal Surgery

Upon successful completion of this Learning Outcome Guide, you will be able to demonstrate and display proficiency in the subjects of the small animal labs given in the winter, with the ability to improve those areas as required.

LAB: Anesthetic Emergency

Upon successful completion of this Learning Outcome Guide, you will be able to demonstrate and explain procedures used to prevent and treat cardiac and/or respiratory arrest or other anesthetic emergencies in dogs or cats.

Small Animal Evaluation

Upon successful completion of this Learning Outcome Guide, you will be able to demonstrate your ability to appropriately and efficiently perform AHT duties relating to common dog and cat procedures in a small animal clinic.

1. demonstrate any competencies not previously signed off on your small animal or anesthetic and surgical assistance lists
2. demonstrate your ability to combine all the required competencies to achieve the continuity of procedures required in a small animal practice

LAB: Calf orals/IV/restraint

Upon successful completion of this Learning Outcome Guide, you will be able to restrain a calf and perform oral and IV treatments.

LAB: Bovine Paravertebral/Epidural Anesthesia

Upon successful completion of this Learning Outcome Guide, you will be able to perform an approved approach for anesthesia of the flank in the bovine patient as preparation for common standing abdominal surgical procedures. You will also be able to perform caudal epidural anesthesia.

LAB: Epidural/Paravertebral Review

Upon successful completion of this Learning Outcome Guide, you will be able to demonstrate and display proficiency in the subjects of the large animal labs given in the winter, with the ability to improve those areas as required.

LAB: Equine castration/Sheath cleaning

Upon successful completion of this Learning Outcome Guide, you will be able to perform AHT duties for equine castrations and observe and/or perform the sheath cleaning of a horse.

LAB: Bull Semen Collection

Upon successful completion of this Learning Outcome Guide, you will be able to perform AHT duties required for the Breeding Soundness Evaluation of bulls in western Canada.

Bovine Standing Anesthesia Evaluation

Upon successful completion of this Learning Outcome Guide, you will be able to demonstrate your ability to appropriately and efficiently perform a paravertebral block of the flank and other common local anesthesia techniques commonly used in a mixed/large animal clinic.

Large Animal Evaluation

Upon successful completion of this Learning Outcome Guide, you will be able to demonstrate your ability to appropriately and efficiently perform AHT duties relating to common large animal procedures in a mixed/large animal clinic.

CLINIC ROTATIONS

Upon successful completion of this Learning Outcome Guide, you will be able to complete clinic rotations from 8am to 8pm

1. apply and use policies and procedures manual
2. complete competencies lists
3. complete and manage sanitation rotations
4. complete and process clinic appointments

ANESTHETIC SUPPORT DURING PROCEDURES

Upon successful completion of this Learning Outcome Guide, you will be able to demonstrate the safe administration of a general anesthetic for different procedures in small animals, using both the rebreathing and non-rebreathing system

1. demonstrate a pre-anesthetic examination on a properly prepared dog, including TPR, blood and urinalysis, fasting rules and bathing
2. demonstrate the correct assembly, working, testing and general care of the anesthetic machine.
3. demonstrate the calculation and correct administration of pre-med medication, a pre induction check-up, appropriate anesthetic induction, maintaining a surgical plane through the monitoring of the patient and use of correct oxygen flow rates and vaporizer settings, recovery and extubation.
4. demonstrate and explain appropriate responses during possible problems that may occur during anesthetics, including the animal not being in an appropriate depth of anesthesia (too light or too deep)
5. demonstrate good recording technique throughout the procedure resulting in good documentation of the anesthetic procedure.

Additional Information

For your safety, the safety of others, and the safety of the animals, there will be **zero tolerance** of anyone showing up for clinic under the influence of alcohol or other medication which may cause physical impairment or disruptive behaviour. If you are on a standard or prescribed medication, please consult your instructor before the lab. Attendance is mandatory at all clinic/lab sessions: valid reason for absence is required AND the instructor(s) must be notified **prior** to the clinic/lab that will be missed. Clinic/lab rotations missed without a valid excuse will result in 8% deduction for a first offence, 10% for second and following offences. Having a valid reason does not change the student's responsibility to acquire the information dispensed during clinic/ lab, nor the student's obligation to finish required assignments/quizzes/tests or practice competencies. A student who misses two or more clinic/lab sessions without prior approval of absence may receive an incomplete or failure grade. If a student group does not have the required clinic/lab set up completed by the time the clinic/lab is to commence up to 5% may be deducted, from each of the group member's grade, for every occurrence of this nature. Failure to complete the required clean-up after each clinic/lab will result in 5% deducted from each group member's final grade. If anesthetist does not adequately prepare the animal for the required lab or monitor the animal throughout the anesthetic period, 8-10 % will be deducted and the clinic/lab may be cancelled. If a student does not come prepared for the clinic/lab they will be excused from the clinic/lab and deducted as missed without a valid reason. If a student wishes to reschedule attendance to a clinic/lab (ie: join another group), they are required to seek permission from the instructors and coordinator prior to the scheduled clinic/lab. Other deductions apply according to clinic schedule.

For further clarification of deductions and grading, see the Clinic Rotation Policies & Procedures Manual.

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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