**Southern Illinois Collegiate Common Market**    3213 South Park Avenue    Herrin, IL 62948    618-942-6902

Dear Veterinary Technology Program Applicant:

Welcome to an exciting profession. The purpose of the Veterinary Technology Program at the Southern Illinois Collegiate Common Market is to enable individuals upon graduation to enter a veterinary care facility as a certified veterinary technician with entry-level skills. We endeavor to maintain the highest standards in education and performance by offering a challenging academic environment and practical, hands-on training. It is our desire that graduates will provide professional, competent and humane care and treatment for all animals.

Please examine this packet, which will provide you with information about becoming a Certified Veterinary Technician. Enclosed you will find a course requirements, as well as, application forms and guidelines for admission to the program. Included are:

- ➢ Information about a career in Veterinary Technology
- ➢ Information about the Veterinary Technology Program
- ➢ Veterinary Technology Program Application Form
- ➢ Application Procedures
- ➢ Selection Process for Veterinary Technology Student Admission
- ➢ Information about the *Health Occupation Aptitude Examination-Revised*
- ➢ Requirements of admitted students
- ➢ Course description
- ➢ The Veterinary Technology Program Accreditation
- ➢ Expenses encountered in the Veterinary Technology Program

Questions regarding the admission process may be directed to student's primary campus.

Sincerely,

LeeAnn Greenwell, BS, DVM

Program Director, Veterinary Technology Program

lgreenwell@siccm.com

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**What is a Veterinary Technician?**

The Veterinary Technician possesses both administrative, clinical, and technical skills necessary to assist the veterinarian in all phases of medicine and surgery for small, large, exotic, and lab animals.  Technicians typically conduct clinical work in a private practice under the supervision of a veterinarian – often performing various clinical medical tests (urinalysis, parasitology, radiology) along with treating medical conditions and diseases in animals.  Veterinary Technicians care for a wide variety of animals, such as cats, dogs,  mice, rats, sheep, pigs, cattle, horses, birds, fish, and reptiles. They function as animal radiology, dental, surgery, and anesthesiology technicians.

Additional job opportunities include working in animal shelters, wildlife rehabilitation, medical research laboratories and private industry.

**What is the Veterinary Technology Program at SICCM?**

The Veterinary Technology Program is an Associate Degree within the Applied Science Program.  It is offered at SICCM through five community colleges.

The program curriculum covers small and large animal nursing, nutrition and husbandry, veterinary terminology, legal issues and office management, parasitology, surgical nursing, veterinary pharmacology, anesthesiology, radiology, emergency care, and clinical pathology.  Students benefit from theoretical-based classroom learning, as well as extensive hands-on experience through internships at a variety of veterinary facilities.

**Student objective of the Veterinary Technology Program:**

*FIRST YEAR OBJECTIVES:*

❖    Introduce students to the field of veterinary technology.

❖    Provide students with basic knowledge in areas of anatomy, physiology, radiology, animal nursing, surgical technology, pharmacology, clinical pathology, and veterinary practice management in preparation for the applied clinical courses.

❖    Provide a basic understanding and the functions of a Veterinary Technician as a team member of the veterinary medical team.

❖    Develop student's cognitive thinking skills.

❖    Prepare students for externships.  Upon completion of the first year, students are expected to be familiar with the corresponding essential task list outlined by the American Veterinary Medical Association.  The essential task list can be found in this handbook.


*SECOND YEAR OBJECTIVES:*

❖    Provide students with more advanced veterinary medical skills in clinical pathology, surgery, animal diseases and nutrition.

❖    Provide more exposure to a variety of species such as laboratory and exotic animals.

❖    Prepare the students to think and act independently.

❖    Prepare students for entry into the ever-changing work environment.

❖    Upon completion of the second year, students are expected to be familiar with the corresponding essential task list as outlined by the American Veterinary Medical Association.

❖    Meet qualifications for taking the national board exam and qualifying for a license as a Certified Veterinary Technician in the State of Illinois.

## APPLICATION/ADMISSION

Applicants need to register with the community college in their district. All Veterinary Technology Program (Vet Tech) application information should be mailed to the address of the college to which you are applying. Do not send applications to Southern Illinois Collegiate Common Market.

 The college addresses are:

Tom Cardwell
Director of Assessment
**John A Logan College**
700 Logan College Road
Carterville, IL  62918
(618) 985-3741

Kimberly Robert
Dear of Allied Health
**Rend Lake College**
468 North Ken Gray Pkwy
Ina, IL  62846
(618) 437-5321, ext 1775

Kelli Mahoney
Career and Technical Education Office
**Southeastern Illinois College**
3575 College Rd.
Harrisburg, IL  62946
(618) 252-5400 ext. 2302

Monica Brahler
Counselor
**Shawnee Community College**
8364 Shawnee College Road
 Ullin, IL 62992
(618) 634-3322

 Micki Adams,
Enrollment Specialist
 **Kaskaskia College**
 27210 College Road
 Centralia, IL 62801
 (618) 545-3046

The application procedures for the Veterinary Technology Program (Vet Tech) program are the same for John A Logan College, Kaskaskia College, Rend Lake College, Southeastern Illinois College, and Shawnee Community College:

- Graduate from an approved high school, or demonstrate equivalent competency (G.E.D. examination).
- Complete general admission procedures from your community college.
- By **March 1**, file the following VET TECH application information with the Assessment Office at college campus:

    a.       Completed VET TECH application form

    b.       Health Occupations Aptitude Test results

           Achieve competitive level on a composite selection score for the College.  The five top-scoring applicants are awarded admission.  This score is based upon the Health Occupations Aptitude Examination test results.

    c.       Official transcripts of previous college experience

The applicant <u>must not</u> apply to the Veterinary Technology Program from more than one community college.  If the student does apply at multiple community colleges, he/she <u>will not</u> be accepted into the program.

**Application for Admission to the Veterinary Technology Program**
**Entering Fall 2015**

Name of Applicant_____
             Last              First             Middle
Social Security Number: _____Telephone: (____) _____

Address _____
        Street              City          State       Zip Code

To which college VetTech Program are you applying with this application?

In which college district are you a legal resident, as of March 1?

| | |
|---|---|
| _____ John A. Logan College | _____ John A. Logan College |
| _____ Rend Lake College | _____ Rend Lake College |
| _____ Southeastern Illinois College | _____ Southeastern Illinois College |
| _____ Shawnee Community College | _____ Shawnee Community College |
| _____ Kaskaskia College | _____ Kaskaskia College |

Last High School Attended:_____ City:_____ State

Did you graduate? _____Yes _____ No    GED Certificate: _____ Yes _____ No

Are you transferring courses taken at another college for consideration within the Vet Tech Program curriculum? Yes _____ No

If YES: list all colleges from which you have requested official transcripts. Identify any earned credential and /or degree, including field of study.

School: _____ City:_____ State:_____

Credential/Degree:_____ Field of Study:_____

School: _____ City:_____ State:_____

Credential/Degree:_____ Field of Study_____

Will transcripts be submitted under any other name(s)?  YES _____    NO _____

If so, list name(s):

The undersigned certifies that the information contained herein is true, complete, and correct. It also certifies that the applicant has read, and agrees to, all application procedures.

Signature of Applicant: _____ Date:_____

The Health Occupation Aptitude Examination-Revised (HOAE-R) will be administered at every college. Examination schedules and methods of test delivery vary among colleges. Colleges may use a paper/pencil or computer-delivered presentation or both. The HOAE-R will be administered frequently throughout each academic semester, although testing schedules will vary among colleges. On-request testing is available at some campuses.

Interested applicants must contact the person listed below to schedule a test date and time. Please call the below contacts for inquiries for test dates and deadlines.

Contact the following people to register for testing:

| | |
|---|---|
| Tom Cardwell | Ann Sutton |
| Director of Assessment | Testing Coordinator |
| John A Logan College | Rend Lake College |
| 700 Logan College | 468 North Ken Gray Parkway |
| Carterville, IL  62918 | Ina, IL  62846 |
| (618) 985-3741 | (618) 437-5321, ext. 1268 |
| | |
| Ed Rose | Mindy Ashby |
| Retention & Testing Ctr. Coordinator | Student Success Center Coordinator |
| Southeastern Illinois College | Shawnee Community College |
| 3575 College Rd. | 8364 Shawnee College Road |
| Harrisburg, IL  62946 | Ullin, IL  62992 |
| (618) 252-5400, ext. 2442 | (618) 634-3316 |

Scott Wernsman
Testing Coordinator
Kaskaskia College
27210 College Rd
Centralia, IL  62801
(618) 545-3053

You will be charged a basic fee of $25.00 by the college to take the Health Occupation Aptitude Examination – Revised. It is the preference of your college that you take the test at their campus testing center.

HOAE-R scores will be considered valid for two academic years.   Colleges will cross check testing lists to be certain that an applicant has not taken the Health Occupation Aptitude Examination - Revised more  than two times within an academic year.

 If an applicant has taken this test more than two times total within an academic year, only the first two scores will be considered.

**SELECTION OF ADMITTED STUDENTS FOR VETERINARY TECHNOLOGY PROGRAM**

The Southern Illinois Collegiate Common Market Veterinary Technology Program admission process does not discriminate on the basis of race, creed, color, national origin, gender, age, or the presence of a condition or disability not related to job performance ability as a Veterinary Technician.  By college policy, residents of the college district (as of the date of application deadline) are given preference for admission to the program.

Selection for the Veterinary Technology Program is based <u>exclusively</u> upon the following:

1.  <u>Health Occupations Aptitude Examination - Revised</u> scores.
    All five sections of the test will be given, with only the cumulative raw score on the first four sections used for admission ranking.  The fifth section will be utilized for research purposes.

    The <u>Health Occupation Aptitude Examination - Revised</u> may be taken up to two times within one academic year, with the highest score used for determination of admission.  Testing will be cross-checked between campuses. If the applicant has taken the exam more than two times within an academic year, only the first two scores will be considered.

2.  Weighted credit will be given for achieved passing grades in a previously taken course in *Microbiology*.  The course eligible for these credits is listed on the Veterinary Technology Program curriculum for the entering college.  This course must have been passed with a "C" or higher to qualify.  No credit points will be given without an official transcript. Points will be awarded as follows:

    - A = 10 points        B = 8 points        C = 6 points

3.  Weighted credit will be given for achieved passing grades for any other *general education college course* previously taken that falls within, or transfers to, the required curriculum of the Veterinary Technology Program.  These courses must have been passed with a "C" or higher to qualify.  No credit points will be given without an official transcript.  Points (regardless of number of credits) are assigned to each relevant course in the following manner.

    - A = 3 points        B = 2 points        C = 1 point

Total points achieved will be added to the combined earned raw scores of sections 1 through 4 of the <u>Health Occupation Aptitude Examination - Revised</u>.  Rank ordering of students for admission consideration will be made on the basis of total points.  Tie breakers will be based upon the highest score achieved on the <u>Health Occupation Aptitude Examination - Revised</u>, Part 1 and Part 3, successively.

Each college has five admission slots, for a total class size of twenty-five students.  Admission lists will be ranked and determined separately at each college for the five student slots accorded that college and by the applications submitted to that college.

The five top-scoring students from each college will be admitted to the Southern Illinois Collegiate Common Market Vet Tech program.   Accepted students will be informed of admission into the program by the admitting college, and will be required to reply if they desire to enter the program.  Should an accepted student choose not to enter the class, the next student in the rank order for that campus will be notified of acceptance.

If a student is accepted to the program and chooses not to enter the fall class, any future admission must be by re-application.  <u>All students must make application for each year they wish to be considered for entrance into the Vet Tech Program</u>.   <u>Health Occupations Aptitude Examination - Revised</u> test results will be considered valid for two years.

No student may be admitted to any individual Southern Illinois Collegiate Common Market program more than two times within a five year period.  After withdrawing from a single program two times, the student will be allowed to enter any other SICCM Program only one time. Withdrawing is defined as declining a previously accepted admission invitation within ten weeks of program start and/or withdrawing from class attendance before completing the first semester.  Each campus may consider exceptions for extreme cases of unanticipated, non-elective health issues of self and family.

**Readmission to program**

No student may be admitted to any individual Southern Illinois Collegiate Common Market program more than two times within a five year period. After withdrawing from a single program two times, the student will be allowed to enter any other SICCM Program only one time. *Withdrawing* is defined as declining a previously accepted admission invitation within ten weeks of program start and/or withdrawing from class attendance before completing the first semester. Each campus may consider exceptions for extreme cases of unanticipated, non-elective health issues of self and family.

*Admitted Student Program Requirements*

Upon admission to the program students will be required to attend a **mandatory summer orientation session** which occurs at the end of May.  At the orientation, students will receive a student handbook and important documentation.  Documentation includes, but is not limited to, supplies needed for the program, course policies and <u>physical exam forms</u>; in which *proof of immunity against Tuberculosis and current immunization against Tetanus will be needed to be recorded. These must be completed prior to the beginning of class.*   <u>Health insurance</u> is required by all students prior to beginning classes.  Students must provide proof of medical insurance in effect throughout the <u>two year</u> program.

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A felony conviction may adversely affect the student's ability to be accepted by hospital clinical sites. Two internships are required for graduation from the Vet Tech Program. Therefore, the Southern Illinois Collegiate Common Market requires accepted students to complete a criminal history background check prior to beginning the Vet Tech Program. Information about this process will be provided to the student when he/she is informed of acceptance into the program.

As a condition of assignments to clinical educational experiences, admitted students will also be required to submit to a drug screening. The screening will be completed by a party selected by the Southern Illinois Collegiate Common Market, and paid for by the student. Information about the drug screen will be sent to a newly admitted student by the Southern Illinois Collegiate Common Market in an admission packet.

All students entering the program must complete a 30 Hour Veterinary Technology Clinical Experience/ Observation form.  The experience may be paid employment by a veterinarian or job shadowing/volunteer work in a veterinary clinic.  Experience can be gained at anytime. Upon completion of the experience the student and supervising veterinarian must sign the form and return by the first day of class.

Admission packets describing the drug screening information, criminal background check, physical examination, veterinary technician experience, vaccinations, and immunizations will be given to students at the summer mandatory orientation held at the Veterinary Technology Building.  These packets will contain the forms and deadlines necessary to complete those requirements prior to the start of class.

ACCREDITATION STATUS

The SICCM Vet Tech Program is accredited by the American Veterinary Medical Association (AVMA), Committee on Veterinary Technician Education and Activities (CVTEA). Graduates of the SICCM Vet Tech Program will qualify to sit for the Veterinary Technician National Examination administered by Professional Examination Service. This examination will be administered by appointment and after application once eligibility has been established.  Successful completion of this exam confers the title of Certified Veterinary Technician.

**SICCM Veterinary Technology Program**       **Essential Functions Acknowledgment Statement**

Veterinary Technology program applicants should read, understand, and sign the following statement attesting to their belief that they can meet the essential standards listed below. This should be accomplished before admission to the SICCM/VET TECH Program.

Program acceptance in no way is based on applicant's limitations.  Technical standards represent the essential non-academic requirements of the program that the student must master to successfully participate in the program and become employable.

Certain essential personal and physical attributes are key to success in the SICCM/VET TECH academic program and the clinical profession.  These attributes include:

Visual Observation:
The student must possess visual acuity sufficient to allow each of the following:
1.       Differentiation of colors and color changes during the performance of laboratory procedures.
2.       Observation of patient conditions during clinical procedures.
3.       Differentiation and identification of specimens using microscopic examination.
4.       Reading instrument technical procedure manuals, standard operating procedures, specimen labels
and other pertinent materials for patient care and professional practice.

Motor Function:
The student must possess motor functions sufficient to permit each of the following:
1.       Performance of venipuncture
2.       The ability to lift and restrain a 40 lb animal.
3.       Lift and handle typical hand-held medical laboratory equipment and tools.
3.       Manipulate clinical laboratory and surgical instruments and equipment in a manner consistent with standards of practice.

Communication Skills:
The student shall possess verbal and non-verbal skills adequate for transmitting to and receiving information from clients and veterinary personnel.

Behavioral and Social Skills:
The student must exhibit behavioral and social skills that are acceptable to the college and clinical settings.

# COURSE DESCRIPTIONS

## SMALL ANIMAL NURSING I:

| COLLEGE: | JALC | RLC | SCC | SIC | KC |
|---|---|---|---|---|---|
| COURSE #: | VET110 | VET1210 | VET110 | VET110 | VTEC110 |

3 Hours – 5 hours weekly (1-4)

Prerequisites: Admission to program.

Skill development in handling, restraint, and nursing techniques in dogs and cats.  Emphasis on laws and ethics in veterinary medicine, breed identification, restraint techniques, history taking, physical examination, grooming, diagnostic sampling, therapeutic techniques, wound management, bandaging, fluid therapy, catheter placement, and preventive medicine.

## SMALL ANIMAL NURSING II:

| COLLEGE: | JALC | RLC | SCC | SIC | KC |
|---|---|---|---|---|---|
| COURSE #: | VET111 | VET 1211 | VET111 | VET111 | VTEC111 |

3 hours –  5 hours weekly (1-4)

Prerequisite: VET 110, VET 112, VET 117, VET  118 (VTEC110, VTEC 112, VTEC 117, VTEC 118)

(VET 1210, VET 1212, VET 1217, VET 1218)

A continuation of VET 110 with emphasis on bandaging, venipuncture, immunology, dentistry, urinary disease, and emergency nursing.

## ANIMAL ANATOMY & PHYSIOLOGY I:

| COLLEGE: | JALC | RLC | SCC | SIC | KC |
|---|---|---|---|---|---|
| COURSE #: | VET 112 | VET 1112 | VET 112 | VET 112 | VTEC 112 |

4 hours – 5 hours weekly (3-2)

Prerequisites: Admission to program.

This course provides an overview of the structure and function of animal body systems with a focus on homeostasis.  Subjects covered include: fundamental cellular chemistry, physiology, cytology, histology, and anatomy of mammalian and avian species.    Laboratory work includes observation of histology slides as well as identification of structures from each system on selected mammal cadavers

## ANIMAL ANATOMY & PHYSIOLOGY II:

| COLLEGE: | JALC | RLC | SCC | SIC | KC |
|----------|------|-----|-----|-----|-----|
| COURSE #: | VET 113 | VET 1113 | VET 113 | VET 113 | VTEC 113 |

3 Hours – 4 hours weekly (2-2)

Prerequisite: VET 110, VET 112, VET 117, VET  118 (VTEC110, VTEC 112, VTEC 117, VTEC 118)

(VET 1210, VET 1212, VET 1217, VET 1218)


This course is a continuation of VET 112.  Subjects covered include: fundamental cellular chemistry, physiology, cytology, histology, and anatomy of mammalian and avian species.  Laboratory work includes observation of histology slides as well as identification of structures from each system on selected mammalian and avian cadavers.

## LARGE ANIMAL NURSING:

| COLLEGE: | JALC | RLC | SCC | SIC | KC |
|----------|------|-----|-----|-----|-----|
| COURSE #: | VET116 | VET1216 | VET116 | VET116 | VTEC116 |

3 hours – 5 hours weekly (1-4)

Prerequisite: VET 110, VET 112, VET 117, VET  118 (VTEC110, VTEC 112, VTEC 117, VTEC 118)

(VET 1210, VET 1212, VET 1217, VET 1218)


Handling, restraint, and nursing techniques in horses, cows, swine, and sheep.  Fundamentals of selection, management, genetics, nutrition, and physiology of farm animals.

## ANIMAL RADIOLOGY:

| COLLEGE: | JALC | RLC | SCC | SIC | KC |
|----------|------|-----|-----|-----|-----|
| COURSE #: | VET117 | VET1217 | VET117 | VET117 | VTEC117 |

2 hours – 3 hours weekly (1-2)

Prerequisites: Admission to program.


Utilization of radiographic equipment on animal and positioning for various anatomical exposures.  With an emphasis on radiation safety and methods of obtaining high quality diagnostic pictures.

## VETERINARY PRACTICE MANAGEMENT:

| COLLEGE: | JALC | RLC | SCC | SIC | KC |
|----------|------|-----|-----|-----|-----|
| COURSE #: | VET118 | VET1218 | VET118 | VET118 | VTEC118 |

2 hours - 2 hours weekly (2-0)

Prerequisites: Admission to program.

Office practices used in a veterinary hospital including OSHA regulation, invoices, inventory, estimate preparation, record keeping, legal issues, grief management and customer relations.

## ANIMAL CLINICAL LAB I:

| COLLEGE: | JALC | RLC | SCC | SIC | KC |
|----------|------|-----|-----|-----|-----|
| COURSE #: | VET119 | VET1219 | VET119 | VET119 | VTEC119 |

3 hours - 5 hours weekly (1-4)

Prerequisite: VET 110, VET 112, VET 117, VET  118 (VTEC110, VTEC 112, VTEC 117, VTEC 118)
(VET 1210, VET 1212, VET 1217, VET 1218)

This course teaches routine laboratory testing with an emphasis on hematology, urinalysis, and fecal examination

## ANIMAL SURGICAL TECHNOLOGY I:

| COLLEGE: | JALC | RLC | SCC | SIC | KC |
|----------|------|-----|-----|-----|-----|
| COURSE #: | VET133 | VET1233 | VET123 | VET133 | VTEC133 |

3 hours - 5 hours weekly (1-4)

Prerequisite: VET 110, VET 112, VET 117, VET  118 (VTEC110, VTEC 112, VTEC 117, VTEC 118)
(VET 1210, VET 1212, VET 1217, VET 1218)

Methods of surgery preparation with emphasis on surgery packs, instruments, autoclaves, sterile technique, surgical preps and suture material.  An introduction to intubation and anesthesia

## ANIMAL PHARMACOLOGY I:

| COLLEGE: | JALC | RLC | SCC | SIC | KC |
|---|---|---|---|---|---|
| COURSE #: | VET138 | VET1238 | VET138 | VET138 | VTEC138 |

2 hours - 2 hours weekly (2-0)

Prerequisite: VET 110, VET 112, VET 117, VET  118 (VTEC110, VTEC 112, VTEC 117, VTEC 118)

(VET 1210, VET 1212, VET 1217, VET 1218)

A discussion of dosage and solution problems, dispensing procedures, client education, administration of drugs, and introduction to common veterinary drug classes.

## ANIMAL CLINICAL LAB II:

| COLLEGE: | JALC | RLC | SCC | SIC | KC |
|---|---|---|---|---|---|
| COURSE #: | VET219 | VET2219 | VET219 | VET219 | VTEC219 |

3 hours - 5 hours weekly (1-4)

Prerequisite: First year of program and VET 231 (VTEC 231, VET 2231)

Continuation of VET 119 – Emphasis on blood chemistry, internal parasites, CBCs, cytology, histology, sample preparation, and other veterinary diagnostic testing.

## VET TECH INTERNSHIP I:

| COLLEGE: | JALC | RLC | SCC | SIC | KC |
|---|---|---|---|---|---|
| COURSE #: | VET231 | VET2231 | VET231 | VET231 | VTEC231 |

Total 225 internship contact hours

Prerequisite: Completion of first year of program

Skill and proficiency development through participation in clinical rotations at veterinary clinics.  Skills developed through the clinical site should include:  large animal (if applicable), surgery, radiology, clinical pathology, nursing, client relations and care, telephone etiquette, necropsy, and exotics.  Students will be placed within a designated clinic for the duration of the semester where all required hours must be successfully completed.

## VET TECH INTERNSHIP II:

COLLEGE:    JALC          RLC           SCC           SIC           KC
COURSE #:   VET232        VET2232       VET232        VET232        VTEC232

Total 225 internship contact hours and 1 hour lecture weekly

Prerequisite: First year of program, VET 231, VET 219, VET 233, VET 238, VET 239;

(VTEC 231, VTEC 219, VTEC 233, VTEC 238, VTEC 239)

(VET 2231, VET 2219, VET 2233, VET 2238, VET 2239)

Continuation of VET231.  Continued skill and proficiency through participation in clinical rotations at Humane Societies, clinical practices, animal disease lab, rescue facilities, university teaching hospitals, emergency clinical or large animal facilities.  Students will be placed within a designated facility for the duration of the semester where all required hours must be successfully completed.  Students will meet once per week for participation in review of the Veterinary Technology National Examination (VTNE).

## ANIMAL SURGICAL TECHNOLOGY II:

COLLEGE:    JALC          RLC           SCC           SIC           KC
COURSE #:   VET233        VET2233       VET233        VET233        VTEC233

3 hours  - 5 hours weekly (1-4)

Prerequisite: First year of program and VET 231(VTEC 231, VET 2231)

Continuation of VET 133 with emphasis on anesthesia, surgical assisting, trauma surgery, and ophthalmic and thoracic surgery.

## LABORATORY AND EXOTIC ANIMALS:

COLLEGE:    JALC          RLC           SCC           SIC           KC
COURSE #:   VET235        VET2235       VET235        VET235        VTEC235

3 hours - 4 hours weekly (2-2)

Prerequisite: First year of program, VET 231, VET 219, VET 233, VET 238, VET 239;

(VTEC 231, VTEC 219, VTEC 233, VTEC 238, VTEC 239)

(VET 2231, VET 2219, VET 2233, VET 2238, VET 2239)

Students will be introduced to handling, restraint, and nursing techniques in common laboratory, exotic and wild animal species.  Topics will include; care and use of laboratory animals, sanitary procedures, clinical pathology and common diseases.

## ANIMAL MANAGEMENT AND NUTRITION:

| COLLEGE: | JALC | RLC | SCC | SIC | KC |
|---|---|---|---|---|---|
| COURSE #: | VET236 | VET2236 | VET236 | VET236 | VTEC236 |

3 hours - 3 hours weekly (3-0)

Prerequisite: First year of program, VET 231, VET 219, VET 233, VET 238, VET 239;

(VTEC 231, VTEC 219, VTEC 233, VTEC 238, VTEC 239)

(VET 2231, VET 2219, VET 2233, VET 2238, VET 2239)

This course will introduce basic principles of animal and herd health management including; nutrition, reproduction, pharmacology, vaccinations, diseases, and laboratory tests.

## ANIMAL PHARMACOLOGY II:

| COLLEGE: | JALC | RLC | SCC | SIC | KC |
|---|---|---|---|---|---|
| COURSE #: | VET238 | VET2238 | VET238 | VET238 | VTEC238 |

2 hours - 2 hours weekly (2-0)

Prerequisite: First year of program and VET 231 (VTEC 231, VET 2231)

A continuation of VET 138 with emphasis on drugs currently used in veterinary practice.

## ANIMAL DISEASES:

| COLLEGE: | JALC | RLC | SCC | SIC | KC |
|---|---|---|---|---|---|
| COURSE #: | VET239 | VET2239 | VET239 | VET239 | VTEC239 |

2 hours - 2 hours weekly (2-0)

Prerequisite: First year of program and VET 231(VTEC 231, VET 2231)

This course introduces students to the causes, symptoms, diagnosis and treatment of selected diseases of companion animals. Students will gain knowledge of disease processes and how they affect companion animals.  Student will learn about commonly seen disease within organ systems of mammals.

***ESTIMATED EXPENSES***

Costs will vary among the five participating institutions because tuition fees per credit are not the same at all campuses.  For specific campus tuition, consult individual school catalogs. Within this highly mobile program, admitted VET TECH students will be responsible for the following expenses:

1.  Examination fee for <u>Health Occupation Aptitude Examination -Revised</u> ($20.00, prior to admission)
2.  Drug Testing ($35.00) & Background check ($40.00 and up)
3.  Tuition
4.  College fees and VET TECH Program fees ($200.00/VET TECH Course),
5.  Books
6.  Costs of transportation to SICCM, field and clinical sites for courses, and internship locations
7.  Scrub suits for clinical experiences, lab coat, and boots for large animal classes
8.  Occasional supplies and equipment, including a stethoscope, bandage  scissors, calculator, and a wrist watch with a second hand
9.  Physical examination
10. Tests:  *TB skin tests and/or possible chest x-rays,* Possible Toxoplasmosis titers
11. Immunizations
    * Tetanus
    * Possible Rabies (approx. $650.00)
12. Demonstration of personal health insurance or Medicaid
13. Application fee for National ($300.00) and State ($106.30) Certification Examination (upon completion of coursework).
14. Professional organization fees:
    *Student membership in the North American Veterinary Technician Association ($5.00)

The theoretical total cost for an Illinois student residing in an in-distinct college zone would be approximately <u>$16,930.00</u> to complete the Veterinary Technology program.  This average cost is based on current tuition, classroom and laboratory fees, equipment required for completion of certain courses, textbooks, and travel costs. Travel expenses were included in our average cost estimate due to the large geographical area of the southern Illinois region.

Listed below are average cost estimates for the two years of instruction in the Veterinary Technology program.

> In-district Tuition=$7,430.00 or 43% of total cost
> > (Out-of-District Tuition not including housing = $21,250.00)
> Fees=$3,600.00 or 22% of total cost
> Textbooks=$1,200.00 or7% of total cost
> Supplies=$700.00 or 4% of total cost
> Travel=$4,000.00 or 24% of total cost