

Policies and Procedures for Joliet Junior College's Veterinary Medical Technology Program

The Associate in Applied Science (A.A.S.) degree in the Veterinary Medical Technology Program (VMTP) is designed for students who wish to become certified veterinary technicians (CVTs). The program combines classroom learning with hands-on laboratory and clinical experience. The VMTP has special admissions criteria and limited enrollment. The VMTP offers both full and part time options as well as day and evening sections. All vet tech courses must be completed within 4 years of the date of entry into the program.

The Joliet Junior College Veterinary Medical Technology Program is fully accredited by the Committee on Veterinary Technician Education and Activities (CVTEA) of the American Veterinary Medical Association (AVMA). Upon completion of the VMTP, graduates are eligible to take the Veterinary Technician National Exam (VTNE) for licensure in Illinois. The Illinois Department of Financial and Professional Regulation (IDFPR) administers the examination. Certification requirements may vary from state to state. The A.A.S. in veterinary technology is not intended to meet the requirements for application to veterinary school to become a doctor of veterinary medicine (DVM).

Admissions Procedure

All students must meet the following prerequisites in order to be eligible and have a complete application by the June 1st annual deadline:

1. Complete a [JJC college application](#).
2. Submit official, sealed transcripts (all transcripts must be sent from the original institution directly to Joliet Junior College) to Joliet Junior College, Academic Credentials office, 1215 Houbolt, Joliet, IL 60431-8938.
 - i. High School or high school equivalency (GED, HiSET, TASC)
 - ii. All College transcripts (other than JJC)
 - iii. ACT scores (if less than 24 months after your high school graduation date)
3. [Submit a Transcript Evaluation Request Form](#). View your academic summary on E-Resources in approximately 4-6 weeks for your evaluation of transfer credit and the JJC equivalencies
4. Complete the [VMTP application](#). The application is available once yearly from **January 1st through June 1st**, for students who have met the VMTP admissions criteria.
5. Either of the following standardized testing minimums:
 - i. Placement test placing student higher than MATH 094 or previous credit in MATH 094 (or higher) with a grade of "C" or better. For more information contact the [Academic Skills Center](#). Or
 - ii. ACT scores of 22 for Math

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6. Completion of the following courses with a grade of “C” or better:
 - i. ENG 101 or ENG 102;
 - ii. Introductory Level Social Science course;
 - iii. BIO 100;
 - iv. BIO 149 or BIO 151 (general Biology);
 - v. BIO 240 (which has a pre-requisite of BIO 149 or BIO 151);
 - vi. COMM 101 or COMM 202 or COMM 203 or COMM 204
7. Consult with the admissions specialist (815) 280-2247 or meet with a vet tech advisor (815) 280-2746.
8. Applicants will receive an email notification from a JJC email account acknowledging receipt of the application.

Ranking Process

Due to the large volume of applicants relative to the number of available positions in the program, a point ranking system will be used to determine acceptance into the VMTP.

- Each eligible application will be given a number for anonymity and demographic data will be removed from the advisor summary.
- Applicants will be scored and ranked based on:
 - Calculated GPA based upon the grades for prerequisite general education classes (ENG 101 or ENG 102, BIO 100, BIO 149 or BIO 151, BIO 240 and COMM 101 or COMM 202 or COMM 203 or COMM 204) (weighted 50%). If a student has received course credit for any class where there is no grade given, the student’s grade for purposes of awarding points will be counted as a “C”.
 - Percent credit hours completed (weighted 25%)
 - Experience (weighted 25%) ([Veterinary/animal experience form](#)):
 - **Veterinary/Animal Research experience.** Any paid or volunteer work performed in a veterinary or research facility, including job shadowing, and observation. Students may submit up to a total of 80 hours to receive a maximum of 9% overall consideration. Students submitting less than 80 will receive a prorated proportion of that 9%.
 - **Animal experience.** All verifiable animal care and training experience, including 4-H, FFA, Wilco Vet Assistant course and kennel/boarder facility work. Please complete the entire form to verify these experience. Verification = 2.5% of overall consideration.
 - Successful completion of NAVTA approved/ICCB governed Veterinary Assistant Certificates. Completed certificate = 9% of overall consideration.

- Successful completion of the Joliet Junior College LLC 119 course, Orientation to Veterinary Technology. Successful completion of class = 4.5% of overall consideration.
 - Proof of residency. In-district residents will be awarded twenty five (25) additional points. The applicant must live in the Joliet Junior College district at least 90 days prior to the application deadline date. It is the applicant's responsibility to demonstrate residency status by submitting two (2) proofs of residency. The following documents may be presented to verify residency and must be in the student's name: voter's registration card, property tax statement, income tax return, mortgage or mortgage statement, utility bills (gas and electric), and bank statements. The proofs of residency must list the same address, and they must match the address shown on the student records in the Enrollment Services Office. Documents must be submitted by the application deadline date. If seats are limited and students are otherwise equally qualified, preference will be given to in-district students.
 - In the event that one or more of the students who are notified of being accepted into the VMTP indicate that they do not intend to accept the seat or wish to defer, the vacancy will be filled by remaining applicants based on the rank score earned.
 - In the event that there are insufficient qualified candidates who have applied by June 1st, there will be a special provisions program. Under this program, students can make application and complete all of the prerequisites until the end of the summer semester. Should space remain in the next class after exhausting the special provisions program, any late qualified applicants will be reviewed by the Program Director with the intention of filling the space for the next class.
 - If a student is not admitted to the program for the fall of that year, a student would have to resubmit their application to be considered for the following academic year. All prerequisites previously completed are accepted in subsequent application years.
 - Admission criteria is subject to change. It is the applicant's responsibility to review the criteria on a regular basis.
9. Students will be notified via JJC Student Email of their acceptance into the program and a JJC email account will be used for notification. Acceptance emails are typically sent mid-June.
10. Upon acceptance into the VMTP all students are required to attend a group orientation in July of the year in which they are accepted. Below is some information about the orientation:
- i. The group orientation will take at least two hours. An individual orientation may be scheduled if the group orientation cannot be attended.
 - ii. Students will be given their fall semester schedule. Students will only be registered for classes after completing the orientation.
 - iii. Students will learn about the program's expectations, and rabies vaccination requirements.

Registration

1. The VMTP secretary will register students in any VET courses after acceptance into the program and ONLY after completing the program's orientation.
2. A minimum grade of "C" is required for all prerequisite course work, general education courses and Veterinary Medical Technology sequence courses.

Fail/Withdrawal and Appeals Policies

Fail/Withdrawal Policies:

1. A student who withdraws failing or fails a VMTP course may repeat that course one time only. If the student is unsuccessful more than once in a course, the student has a right to appeal - see appeal process. In the case of appeal, the student may continue in the program pending the outcome of the appeal. Appeal denial will result in dismissal from the VMTP.
2. Students who withdraw from any required course in the VMTP are automatically withdrawn from the VMTP program. To officially drop or withdraw from a course, the student must notify the Office of Registration in writing by completing the add/drop form. Failure to officially withdraw by the drop date will result in a failing grade(s). Drop dates for each course vary and are stated on the student's class schedule which can be found under e-Resources on JJC's web site.
3. Students who breach the VMTP Handbook, [the Student Code of Conduct, the Academic Honor Code](#), will be immediately suspended pending investigation. The VMTP handbook is given to students after orientation.
4. Students who wish to withdraw temporarily from the program for a [medical, pregnancy, or parenting reason](#) should meet with the Dean of Students to discuss options.
5. Not all courses are offered every semester. When a student fails a VMTP sequential course (VET 110, VET 117, VET 118, VET 128, VET 140) or a pre-requisite course (that course must be successfully completed before being enrolled in the next course in the sequence. If not a sequential or pre-requisite course, the student may continue in the program accordingly. Acceptance into the course, and the following sequence of courses, depends on class offering and available seats.
6. Exceptions will only be made for students who withdraw while passing and request to postpone for a semester or longer (e.g., due to medical, financial hardships, etc.) before continuing in the VMTP sequence will be allowed to do so, space permitting, as long as the absence is less than two calendar years. (See "Time Limits on Readmission" section below). Students returning must complete the current VTMP curriculum if there have been changes.
7. Students withdrawn for nonacademic reasons may be reinstated following the procedures under the VMTP Reinstatement Procedure below.

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8. Readmission is not guaranteed.
9. A student who is denied readmission for reasons other than seat availability has the right to appeal for readmission in writing to the Veterinary Medical Technology Admissions Appeal Committee. All decisions made by the Veterinary Medical Technology Admissions Appeal Committee are final. This committee consists of the Dean of Career and Technical, Department Chair, the VMTP Program Director and VMTP faculty.

Time Limits on Readmission:

1. Students seeking readmission to the program, following a time lapse of more than two calendar years, but less than 3 calendar years, will be required to demonstrate proficiency via tests or lab skill assessment prior to readmission into subsequent courses of study.
2. A student seeking readmission, who has been out of the program for more than three calendar years, must start from the beginning of the program unless approved by the VMTP Director for extenuating circumstances (i.e. active military duty). In this event, the requirements in this section still apply.
3. In the event of major course changes, a student will be required to start from the beginning of the Veterinary Medical Technology sequence, regardless of time lapse. Each case will be evaluated on an individual basis. The Dean will make the decision on what constitutes a major change.
4. Upon readmission students must pay current College and VTMP tuition and fees regardless of prior tuition and fees paid.

Appeal Process:

The JJC VMTP has an appeal process for vet tech students appealing to get back into the VMTP. The appeals process is as follows:

1. The student must notify the Program Director in writing that an appeal is being requested. The appeal request must be completed within 1 year of the last failure.
2. The Secretary of the VMTP will provide the student with the appropriate paperwork and schedule an appointment with the Appeals Committee.
3. The Appeals Committee will be comprised of JJC faculty. A reasonable attempt will be made to include faculty from the VMTP and from other departments at the college.
4. The committee will be comprised of an odd number of faculty in the case of a vote.
5. The Appeals Committee will meet at least once per semester at a time, as needed, designated by the Program Director.

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6. The Appeals Committee will determine the conditions, if any, under which the student can continue in the program.
7. The student will be notified of the decision in writing within 5 business days.
8. The decision by the Appeals Committee is final.
9. An appeal granted or denied constitutes the final opportunity for a student to complete the VMTP. If a student is unsuccessful in any vet tech course following an appeal, there is no other option for readmission.

Technical Standards

The VMTP has established technical standards to be considered in the enrollment/admissions process in an effort to provide a framework to balance several competing interests:

1. The rights of applicants and students;
2. The safety of students, their co-workers, and veterinary patients;
3. Fulfilling the clinical training component of the curriculum;
4. Successfully completing the American Veterinary Medical Association requirements for accreditation;
5. The conditions for licensure or certification of the VMTP graduates.

These competing interests and the nature of veterinary educational activities may prevent some prospective and current students with disabilities from qualifying for enrollment or continued enrollment in the VMPT at Joliet Junior College.

The technical standards set forth in this document are the minimum standards that allow an individual to perform at the lowest acceptable level in the required activity having the highest, greatest, or most complex requirement for the designated sense, function or characteristic.

Applicants and students must be able to satisfy, with or without the use of appropriate auxiliary aids (including prosthetic devices)¹, the following technical standards:

¹ If one aid or prosthetic device interferes with a second aid or prosthetic device needed to carry out a single act, then the individual may be restricted in meeting the technical standard.

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1. OFFICE AND HOSPITAL PROCEDURES, CLIENT RELATIONS, and COMMUNICATION

Management

Skill: Participate in facility management utilizing traditional and electronic media and appropriate veterinary medical terminology and abbreviations.

Communication

Skill: Communicate in a professional manner in all formats - written, oral, non-verbal, and electronic.

Laws and Ethics

Skill: Follow and uphold applicable laws and the veterinary technology profession's ethical codes to provide high quality care to patients.

2. PHARMACY and PHARMACOLOGY

Administration

Skill: Safely and effectively administer prescribed drugs to patients.

Dispensing

Skill: Accurately dispense and explain prescribed drugs to clients.

3. NURSING

Patient assessment

Skill: Demonstrate and perform patient assessment techniques in a variety of animal species.

Patient care

Skill: Understand and demonstrate husbandry, nutrition, therapeutic and dentistry techniques appropriate to various animal species.

4. ANESTHESIA

Patient management

Skill: Safely and effectively manage and maintain patients in all phases of anesthesia.

Equipment/facility management

Skill: Safely and effectively select, utilize and maintain anesthetic delivery and monitoring instruments and equipment.

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5. SURGICAL NURSING

Patient management

Skill: Understand and integrate all aspects of patient management for common surgical procedures in a variety of animal species.

Procedural management

Skill: Understand and provide the appropriate instruments, supplies and environment to maintain asepsis during surgical procedures.

6. LABORATORY PROCEDURES

Specimen management

Skill: Demonstrate knowledge of proper handling, packaging and storage of specimens for laboratory analysis to ensure safety of patients, clients, and staff.

Specimen analysis

Skill: Properly perform analysis of laboratory specimens

7. IMAGING

Skill: Safely and effectively produce diagnostic radiographic and non-radiographic images.

8. LABORATORY ANIMAL PROCEDURES

Skill: Safely and effectively handle common laboratory animals used in animal research.

9. AVIAN, EXOTIC & SMALL MAMMALS PROCEDURES

Skill: Understand the approach to providing safe and effective care for birds, reptiles, amphibians, guinea pigs, hamsters, gerbils, and ferrets.

Joliet Junior College does not discriminate against qualified individuals with disabilities who apply for admission to or who are enrolled in the Veterinary Technology program. Otherwise qualified individuals shall not be excluded from admission or participation in educational programs, services and activities solely by reason of their disability or medical condition. Joliet Junior College provides reasonable accommodation in its academic programs to qualified individuals with disabilities. A reasonable accommodation is one that does not require substantial modification of essential program requirements or lower academic standards, consistent with legal standards and institutional policy.

Registration with Disability Services is necessary for students to receive accommodations. Registration is the student's responsibility. Students must present to their Notice of Accommodation to their instructors.

All applicants and enrolled students are held to the same academic and technical standards of admission and training, with reasonable accommodations as needed for students with disabilities. The Veterinary

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Technology program and Disability Services will engage in an interactive process with students with disabilities in order to provide access.

Veterinary Medical Technology Program Essential Qualifications

Students matriculating in and graduating from a Joliet Junior College health career program must be able to meet the Essential Requirements of the academic program and must not pose a threat to the well-being of patients, other students, staff, or themselves. As an incoming veterinary technology student you will need, at a minimum, the following types of skills and abilities and will need to maintain and demonstrate these abilities throughout the program.

The student must have the ability to perform the following with or without reasonable accommodations:

Essential Qualifications	Behaviors
Cognitive	<ul style="list-style-type: none">• Effectively engage and contribute in decision-making within a team• Ability to problem-solve in any situation• Function within significant time constraints and meet deadlines
Affective	<ul style="list-style-type: none">• Maintain professional behavior and attitude at all times• Demonstrate high level of integrity and honesty• Communicate empathy to clients and for patients• Understand and commit being a patient advocate
Psychomotor	<ul style="list-style-type: none">• Stoop, bend, reach, pull and push with full range of motion of body joints• Lift and/or carry a max of 50 pounds on a daily basis• Handle, install, position and move materials, equipment, and supplies• Handle, position, and restrain live animals of all types of species• Assist with and perform a wide variety of routine medical, surgical, and diagnostic procedures common to the veterinary setting
Communication	<ul style="list-style-type: none">• Communicate effectively in a rational, coherent manner with clients, families, peers, colleagues and faculty• Comprehend and carry out complex written and oral instructions, accurately and in a timely manner• Maintain accurate patient records
Sensory/Observation	<ul style="list-style-type: none">• Examine and critically analyze images or other forms of output created

	<p>by diagnostic equipment</p> <ul style="list-style-type: none">• Observe and assess a patient sufficiently to assist and perform diagnostic procedures and patient monitoring
Behavioral/Emotional	<ul style="list-style-type: none">• Remain focus under difficult and emotional situations• Communicate empathy for others
Professional Conduct	<ul style="list-style-type: none">• Organize and efficiently use the time to prepare for class and clinical• Attend classes and clinical assignments in a timely manner• Maintain client-patient confidentiality
Criminal Background Checks	<ul style="list-style-type: none">• No disqualifying conditions according to requirements for licensure as a CVT in the state of Illinois, on admission or throughout the program

If you have any concerns regarding these standards, please contact Eileen McKee, CVT; Program Director at 815 280-2752.

Legal Limitations for Veterinary Medical Technician Licensure

Graduates of an accredited program are eligible to take the National Veterinary Technician board examination.

Applicants should be aware that there are legal limitations for veterinary technician licensure. Candidates who successfully complete this examination may or may not be issued a license to practice veterinary technology in Illinois. The Division of Professional Regulation of the IDFPR reviews all applications. The following are reasons that may serve as a denial of licensure, but are not intended to be all-inclusive:

- Denied a license permit or privilege of taking an examination by any licensing authority or had a license encumbered in any way.
- Been convicted of a criminal offense in any state or federal court.
- A physical impairment or disability that could interfere with Veterinary Medical Technology.
- An addiction to, or excessive use of alcohol, narcotics or habit-forming drugs.
- Suffered from, been diagnosed as having or have been treated for any disease or condition regarded as chronic, whether physical, emotional or mental.

Potential applicants with questions regarding veterinary technician licensure may wish to contact the IDFPR at 1-800-560-6420 or visit the IDFPR Veterinarian Professionals page at <http://www.idfpr.com/DPR.asp>

Support Services

Support services are available to JJC students. These include:

- Advising of prospective and current students, please call (815) 280-2247 for the admissions specialist or (815) 280-2746 to schedule an advising appointment.
- The [Academic Skills Center](#) provides tutoring, quiz bank, test taking skills sessions, and study skills help. Assistance with reading, writing, and note taking are also available here. For information please call (815) 280-2284.
- Students may apply for financial aid assistance through the [Office of Financial Aid and Veteran Services](#). For information please call (815) 280-2528.
- The College provides Special Needs Services through the [Disability Services office](#). For information, call (815) 280-2230 or 280-2613. It is important to notify the Disability Services office prior to the start of the semester in which you enroll at JJC.
- The office of [Career Services](#) can assist students with locating part-time employment while enrolled, career decision-making assistance, and job placement at the time of graduation. For information please call (815) 280-2756.

**AG 500
VETERINARY MEDICAL TECHNOLOGY PROGRAM
ASSOCIATE IN APPLIED SCIENCE**

The Associate in Applied Science (A.A.S.) Degree Veterinary Technology Program at Joliet Junior College is designed for the student who wishes to become a Certified Veterinary Technician. The program combines classroom experience with clinical experience in community veterinary hospital facilities. A student who completes the program is awarded an A.A.S. Degree and is eligible to take the National Examination for Veterinary Technicians and obtain licensure in Illinois.

The program is accredited by the American Veterinary Medical Association (AVMA) and is approved as a program for educating Veterinary Technicians.

Semester Hours

General Education Requirements 17 or 18

Must include the following:

- BIO 149 Principles of Biology or
- BIO 151 General Biology I
- BIO 240 Microbiology (has a prerequisite of BIO 149 or BIO 151)
- COMM 101 Principles of Speech Communication or
- COMM 202 Interpersonal Communication or
- COMM 203 Small Group Communication or
- COMM 204 Intercultural Communication
- ENG 101 Rhetoric I or
- ENG 102 Rhetoric II
- SOCIAL SCIENCE – Introductory level

Note: If enrolling in the above courses at JJC the student may register under curriculum code TR010. Meeting with an advisor to develop an academic plan prior to registration is strongly recommended.

Required for concentration in Veterinary Medical Technology 54

BIO 100 Medical Terminology (Pre-requisite) - A basic course on the language of medicine for students in the various allied health professions (premedical, nursing, dental assistant, lab technician, medical technologist, medical secretary, and other hospital and office personnel). Although a significant vocabulary is developed, emphasis is on the context for understanding and building medical terms. Classwork includes word analysis, word building and pronunciation. Anatomy and pathology are discussed for interest and background rather than for mastery. **Prerequisite:** Placement into [ENG 101](#) or minimum grade of "C" in one of the following: [ENG 021](#) and [ENG 099](#); or [ENG 022](#) and [ENG 099](#); or the EAP course sequence [ENG 079](#) and [ENG 089](#), or [ENG 096](#); and placement into [MATH 094](#) or higher, or minimum grade of C in [MATH 090](#).

VET 110 Small Animal Nursing I - Students will develop skills in handling, restraint, and other nursing techniques for dogs and cats. Emphasis will be on obtaining medical history, record keeping, physical exams, administering tables, liquid and injectable medications, obtaining blood, diagnostic procedures, providing client information, and risk factor management (preventable health care). **Prerequisite:** Admissions into the Veterinary Technology Program

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VET 111 Small Animal Nursing II - Development of basic nursing skills for the dog and cat. Emphasis on bandaging, venipuncture, placement of indwelling catheters, and dentistry. Other topics to be discussed include endocrine diseases, reproduction, fluid therapy, and gastrointestinal conditions. This course includes 3 hours of supervised clinical experience in addition to on campus labs. **Prerequisite:** [VET 110](#)

VET 112 Diagnostic Imaging - Utilization of radiographic and ultrasound equipment on animals and positioning for various anatomical exposures with an emphasis on radiation safety, and methods of obtaining high-quality diagnostic pictures. **Prerequisite:** Admissions into the Veterinary Medical Program.

VET 116 Large Animal Nursing - Handling, restraint, and nursing techniques in horses, ruminants, and swine. Fundamentals involving live animal evaluation, management, nutrition, diseases and physiology of beef and dairy cattle, sheep, goats, swine, poultry, and horses. Restraint, management, husbandry and nursing techniques in ruminants, horses, swine, and poultry. Lecture and lab descriptions of the various species' special problems. Included are: ruminant, equine and swine physiology, diseases, physical evaluations, administration of medications and diagnosis sample gathering. Herd, band, and flock health, observations and medications are emphasized. **Prerequisite:** Admission to Veterinary Medical Technology Program.

VET 117 Surgery and Technology I - Development of surgical support skills with emphasis on surgery packs, instruments, autoclaving, aseptic techniques, surgical techniques, surgical preps, and suture materials. Injectable and inhalant anesthesia of dogs and cats, stages and planes of anesthesia and patient monitoring will be introduced. **Prerequisite:** [VET 110](#)

VET 118 Animal Care I - This course will introduce concepts of the necessary care of kennel animals. Husbandry techniques, record keeping, safety and sanitation of animal facilities will be demonstrated. Basic canine and feline behavior, training, and grooming techniques will be covered. Team leadership, client communication and office practices will be emphasized, as well as continuing work with canine behavior modification. Animals belonging to the program will be fed and maintained by the students outside of class. The students are assigned several morning or evening animal care responsibilities including occasional weekend duties. **Prerequisite:** Acceptance into the Vet Tech program.

VET 119 Animal Pharmacology - Designed to provide the knowledge and theory of pharmacology necessary for the entry-level veterinary technician. The course includes dosage and solution problems, dispensing procedures, pharmacokinetics, routes of drug administration, and classification of medications. **Prerequisite:** Admission into the Veterinary Medical Technology program.

VET 128 Animal Care II - In class labs with a concentration on behavior. Animals belonging to the program will be fed and maintained by the students outside of class. The students are assigned several morning or evening animal care responsibilities including occasional weekend duties. **Prerequisite:** Admission into the Veterinary Medical Technology program and successful completion of all previous work.

VET 140 Clinical Pathology I - Introduction to veterinary hematology and identification of internal and external parasites; introduction to renal, hepatic, pancreatic, and hematological disorders; routine laboratory testing of blood, plasma, serum, urine and feces. **Prerequisite:** Admission into the Veterinary Medical Technology Program; BIO 151 and BIO 240 or concurrent enrollment.

VET 160 Veterinary Anatomy and Physiology - Emphasis on gross comparative anatomy and physiology of the domestic animal species. Emphasis will be placed on diagnostic and surgical anatomy and physiology. **Prerequisite:** Currently enrollment in the Veterinary Medical Technology program.

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VET 210 Clinical Care I Summer Rotation Supervised Occupational Experience - The site of this 12-week internship will be based on the student’s identified learning needs and interests in conjunction with faculty recommendations. Potential sites may include veterinary practices, emergency veterinary clinics, research institutions, zoos, animal rehabilitation centers, and pharmaceutical companies. Students will develop skill proficiency and be able to apply theoretical knowledge to the practice setting. **Prerequisite:** [VET 111](#), [VET 117](#), and [VET 118](#).

VET 212 Surgery and Technology II - Develop surgical support skills with emphasis on surgery packs, instruments, autoclaving, aseptic techniques, surgical techniques, surgical preps, suture materials, and surgical assisting. Also included are inhalant and injectable anesthesia of the dog and cat, stages and planes of anesthesia, and patient monitoring. **Prerequisite:** [VET 111](#) and [VET 117](#).

VET 215 Laboratory Animals - This class will cover an introduction to laboratory animal science. The lecture portion of the course will cover experimental methodology, laws and regulations, health and disease, environmental effects, and ethical perspectives on the use of animals in medical research. The focus will be on the veterinary technician’s responsibility to provide humane care and to be a liaison between scientist and animal. The lab portion of this course will offer a hands-on approach to basic techniques using common laboratory animals as models. **Prerequisite:** Acceptance into the Veterinary Medical Technology program.

VET 216 Exotic Animal and Wildlife Management – Fundamentals of exotic and wildlife management including restraint, immobilization, husbandry, and nursing techniques. Emphasis is placed on conservation and ethics. Daytime field trips are included in the course. **Prerequisite:** [VET 111](#).

VET 220 Clinical Care II Rotation Supervised Occupational Experience - The site of the externship will be based on the student’s identified learning needs and interests in conjunction with faculty recommendations. Potential sites may include veterinary practices, emergency veterinary clinics, research institutions, zoos, animal rehabilitation centers, and pharmaceutical companies. Students will develop their individualized learning objectives for the externship. Students may also participate in an international practicum for 2 of the 4 required credit hours. **Prerequisite:** Successful completion with a minimum grade of “C” in all previous Veterinary Medical Technology program coursework.

VET 228 Animal Care III - Animals belonging to the program will be fed and maintained by the students outside of class. The students are assigned several morning or evening animal care responsibilities including occasional weekend duties. Students must complete 1 credit hour prior for the degree. **Prerequisite:** Satisfactory completion of 2 credit hours of [VET 128](#).

VET 240 Clinical Pathology II - This course is a continuation of Clinical Pathology I. Fundamentals of hematology, urinalysis, clinical chemistries and immunology will be covered. **Prerequisite:** [VET 140](#).

VET 255 Veterinary Technology Capstone - The capstone course integrates learning lecture and skill development in a student-centered and student-directed manner. **Prerequisite:** [VET 212](#).

Total Required Hours 72

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Full Time Program:

For those students within JJC's district (major code AG500) the following is a suggested plan to efficiently complete all of the pre-requisite general education courses by the annual June 1st deadline:

Summer Session

BIO 149 or BIO 151 4 or 5
ENG 101 3
COMM 101 3
Total: 10 or 11

Fall Semester

BIO 100 3
BIO 240 4
SOC. SCI. 3
Total: 10

Note: Completion of any of these classes during the spring semester will occur after the June 1st deadline, but may still be considered for Fall admission if seats are available.

FIRST YEAR

First Semester (fall)

VET 110 3.5
VET 118 2
VET 119 3
VET 160 4
VET 215 1.5
Total: 14

Second Semester (spring)

VET 111 3.5
VET 112 2
VET 117 2.5
VET 128 2
VET 140 2.5
Total: 12.5

Summer Session

VET 210 5
Total: 5

SECOND YEAR

First Semester (fall)

VET 116 4.5
VET 212 2.5
VET 216 3
VET 228 1
VET 240 2.5
Total: 13.5

Second Semester (spring)

VET 255 3
VET 220 4
Total: 7

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Part Time Program Suggested Schedule:

FIRST YEAR

First Semester (fall)

VET 110 3.5
VET 118 2
VET 160 4
Total: 9.5

Second Semester (spring)

VET 111 3.5
VET 128 2
VET 140 2.5
Total: 7.5

SECOND YEAR

VET 112 2.5
VET 228 1
VET 216 3
Total: 6.5

VET 117 2.5
VET 119 3
VET 215 1.5
Total: 7

Summer Session

VET 210 5
Total: 5

THIRD YEAR

VET 116 4.5
VET 212 2.5
VET 240 2.5
Total: 9.5

VET 220 4
VET 255 3
Total: 7