Muscatine Community College
Veterinary Technology Program
Fall 2019  Application Packet
Muscatine Community College Veterinary Technology Program

Thank you for your interest in the Veterinary Technology Program at Muscatine Community College. You have just taken your first steps towards an exciting career!

Program Director
Dan Drahos, D.V.M.
Ph: 563-263-2645 (office)
ddrahos@eicc.edu (email)

Program Instructors
Michele Nigg, R.V.T    Lacey Slutts, D.V.M.    Rebecca Taube, RVT
mnigg@eicc.live    lslutts@eicc.live    rtaube@eicc.live

Just the Facts
Program Start Term:  Fall only
Program Length:  Five (5) semesters, including One (1) Summer Semester
Award:  A.A.S.
Accreditation:  American Veterinary Medical Association (AVMA)

FULL ACCREDITATION

Program Capacity: 24
Part-Time or Full-Time:  Full Time
Program Locations:  Muscatine Community College, Muscatine Agricultural Learning Center
About the Program

With constant innovations in technology and treatment, the veterinary health care field is an exciting, dynamic career path for individuals who love a challenge, appreciate science and have a genuine passion for animals. With courses taught by experienced veterinary technicians and veterinarians, the Associate of Applied Science Degree in Veterinary Technology at Muscatine Community College is designed to prepare students with the knowledge and skills to successfully enter the competitive fields of animal health.

Credentialed veterinary technicians are an integral part of the Veterinary Health Care team, providing professional technical and nursing support to veterinarians, biomedical researchers, zoologists, and other scientists. Veterinary technicians may provide nursing care for hospitalized animal patients, perform physical exams, prepare and perform diagnostic laboratory tests and radiographs and execute other technical procedures (blood draws, IV catheter placement) within the veterinary practice. Veterinary technicians may administer and monitor anesthesia, assist veterinarians in surgery and perform routine dental cleanings for their animal patients. There are opportunities to work with a variety of animals including dogs, cats, horses, food animals, laboratory animals, birds and reptiles.

Most veterinary technician graduates find work in small, mixed, or large animal practices. Other opportunities exist in humane societies, zoos, specialty veterinary practices, emergency and critical care practices, biological research labs, animal control agencies, veterinary teaching hospitals, state and federal agencies and military service.

An Associate of Applied Science degree will be awarded to students who successfully complete the Veterinary Technology curriculum outlined in this packet. Upon graduation, students will be eligible to sit for the Veterinary Technician National Exam (VTNE) and the Iowa Veterinary Technician State Examination (VTSE).

*Employment of veterinary technologists and technicians is expected to grow 19 percent from 2014 to 2024, much faster than the average for all occupations. Job opportunities are expected to be excellent, particularly in rural areas.*(Occupational Outlook Handbook, US Department of Labor, 2014)
Accreditation Status

The American Veterinary Medical Association (AVMA) Committee on Veterinary Technician Education and Activities (CVTEA) announced at the April 2011 meeting that Initial (formerly Provisional) Accreditation was granted to Muscatine Community College Veterinary Technology Program.

The program is currently fully accredited with the CVTEA and is scheduled for its next program review in 2020.
Curriculum Outline

Students must successfully complete all courses listed on this curriculum with a “C” or better in order to enroll in subsequent semesters. All courses considered for Gen Ed substitutions must also have been completed with at minimum a “C” grade.

**Courses that may be completed prior admittance into the Veterinary Technician program. Be aware the completing these courses prior to admittance may result in less than full-time student status during some semesters. Speak with your Admissions Advisor for further information.

PREREQUISITE TERM

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO:114</td>
<td>General Biology IA</td>
<td>4**</td>
</tr>
<tr>
<td>CHM:122</td>
<td>Introduction to General Chemistry</td>
<td>4**</td>
</tr>
<tr>
<td></td>
<td><strong>Prerequisite Total</strong></td>
<td>8</td>
</tr>
</tbody>
</table>

TERM 1

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGV:118</td>
<td>Animal Anatomy and Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>AGV:119</td>
<td>Veterinary Medical Terminology</td>
<td>2</td>
</tr>
<tr>
<td>AGV:130</td>
<td>Clinical Technology I</td>
<td>3</td>
</tr>
<tr>
<td>AGV:186</td>
<td>Canine and Feline Behavior</td>
<td>2</td>
</tr>
<tr>
<td>ENG:105</td>
<td>Composition I</td>
<td>3**</td>
</tr>
<tr>
<td></td>
<td><strong>Semester Total</strong></td>
<td>14</td>
</tr>
</tbody>
</table>

TERM 2

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGV:127</td>
<td>Animal Anatomy and Physiology II</td>
<td>4</td>
</tr>
<tr>
<td>AGV:131</td>
<td>Clinical Technology II</td>
<td>3</td>
</tr>
<tr>
<td>AGV:133</td>
<td>Veterinary Clinic Pathology I</td>
<td>3</td>
</tr>
<tr>
<td>AGV:146</td>
<td>Large Animal Care</td>
<td>3</td>
</tr>
<tr>
<td>MAT:104</td>
<td>Applied Math Topics</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Semester Total</strong></td>
<td>16</td>
</tr>
</tbody>
</table>
### TERM 3 - Summer

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGV:113</td>
<td>Canine and Feline Nutrition</td>
<td>2</td>
</tr>
<tr>
<td>AGV:184</td>
<td>Lab Animal Medicine</td>
<td>2</td>
</tr>
<tr>
<td>AGV:149</td>
<td>Large Animal Diseases</td>
<td>1</td>
</tr>
<tr>
<td>SPC:170</td>
<td>Professional Communication</td>
<td>3</td>
</tr>
<tr>
<td>HUM:183</td>
<td>Living w/Space, Time, and Technology ** OR</td>
<td>3**</td>
</tr>
<tr>
<td>PHI:110</td>
<td>Introduction to Logic ** OR</td>
<td>3**</td>
</tr>
<tr>
<td>PHI:105</td>
<td>Introduction to Ethics ** OR</td>
<td>3**</td>
</tr>
<tr>
<td>PHI:101</td>
<td>Introduction to Philosophy ** OR</td>
<td>3**</td>
</tr>
<tr>
<td>HUM:110</td>
<td>Changes and Choices ** OR</td>
<td>3**</td>
</tr>
<tr>
<td>REL:101</td>
<td>Introduction to Religions ** OR</td>
<td>3**</td>
</tr>
<tr>
<td>DRA:110</td>
<td>Introduction to Films</td>
<td>3**</td>
</tr>
<tr>
<td><strong>Semester Total</strong></td>
<td></td>
<td><strong>11</strong></td>
</tr>
</tbody>
</table>

### TERM 4

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGV:248</td>
<td>Surgery and Anesthesia for Vet Techs</td>
<td>2</td>
</tr>
<tr>
<td>AGV:134</td>
<td>Veterinary Clinic Pathology II</td>
<td>3</td>
</tr>
<tr>
<td>AGV:140</td>
<td>Veterinary Pharmacology</td>
<td>3</td>
</tr>
<tr>
<td>AGV:182</td>
<td>Diagnostic Imaging</td>
<td>3</td>
</tr>
<tr>
<td>AGV:232</td>
<td>Clinical Technology III</td>
<td>4</td>
</tr>
<tr>
<td><strong>Semester Total</strong></td>
<td></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

### TERM 5

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGV:159</td>
<td>Surgical Nursing</td>
<td>3</td>
</tr>
<tr>
<td>AGV:170</td>
<td>Veterinary Anesthesiology</td>
<td>3</td>
</tr>
<tr>
<td>AGV:933</td>
<td>Veterinary Internship</td>
<td>6</td>
</tr>
<tr>
<td><strong>Semester Total</strong></td>
<td></td>
<td><strong>12</strong></td>
</tr>
<tr>
<td><strong>AAS Total</strong></td>
<td></td>
<td><strong>76</strong></td>
</tr>
</tbody>
</table>
Course Descriptions

Semester 1:

AGV-119 Veterinary Medical Terminology provides the student with the skills needed to read, write, spell, pronounce, define, and properly use medical terminology in the veterinary profession. The student will be able to apply and demonstrate their knowledge of the terminology in everyday conversations with fellow students, instructors, and other veterinary professionals.

AGV-130 Clinical Technology I introduces veterinary technology as a career. This course covers animal restraint and handling, physical examination, preventative medicine and general animal care in small animals. Aspects of veterinary medicine as a business are covered with emphasis on professionalism, record keeping and safety. Students will also learn common small animal breeds.

AGV-118 Animal Anatomy & Physiology I introduces students to the basic concepts of an animal’s form, structure, and function. These concepts are then used to study the gross anatomy, microscopic anatomy, and physiology of the animal body. The lab section of the class will give the student an in depth look at the gross anatomy of tissue types and organ systems to help them understand how the body works as a machine.

AGV-186 Canine and Feline Behavior teaches behavior and training methods as applied to dogs and cats. Students will learn to assist clients with choosing and training their pets as well as techniques in preventing and resolving behavior problems. Behavior concerns in the veterinary practice will be discussed.

Semester 2:

AGV-133 Clinical Pathology I teaches the various internal and external parasites that affect animals including life cycles, methods of detection, treatment and prevention methods. This class also includes microbiology and basic understanding of culture collection, isolation, and identification. Students will learn history, terminology, equipment, structure, and classification of the various veterinary organisms. It will acquaint the student with the microscope, laboratory facility, and various preparation techniques available.

AGV-131 Clinical Technology II is designed to acquaint the students with common nursing skills and procedures. Students will learn and perform common diagnostic sampling procedures, wound care and therapeutic techniques. Discussion will also include common diseases and medical conditions, preventative health and immunizations, geriatric and neonatal care.
AGV-146 Large Animal Care will give the student detailed information regarding large animal husbandry, management of herd health. Discussions will include restraint, diagnostic testing, bandaging, diagnostic imaging, surgery and anesthesia, fluid therapy, medical and surgical nursing by body system, and euthanasia and necropsy.

AGV-127 Animal Anatomy & Physiology II is a continuation of Animal Anatomy & Physiology I. The student will continue to explore the gross anatomy and physiology of the various organ systems.

**Semester 3: (Summer)**

AGV-113 Canine & Feline Nutrition highlights nutrition as an essential component of pet care. The student will learn basic nutrition and the nutrient requirements for feeding and maintaining healthy dogs and cats. Discussion will include comparisons of various pet foods, and methods for assisting clients in choosing optimal nutrition for their pets.

AGV-184 Lab Animal Medicine is designed to give the student a broad overview of laboratory animal medicine and technology. Students will learn to manage various species in a research environment with emphasis on the laboratory setting, regulatory guidelines, and ethical considerations. Information on handling, behavior, nutrition, and treatment procedures will be discussed.

AGV-149 Large Animal Diseases is a continuation of the spring large animal care class and focuses on the common diseases of large animals. Students will focus on the clinical signs, diagnostics, treatment, and prevention of large animal diseases.

**Semester 4:**

AGV-140 Veterinary Pharmacology covers the study of drugs and pharmaceuticals used in veterinary medicine. Emphasis will be on drug usage, client education, calculations, measurement, administration, inventory, and storage. This course will also outline the technician’s role and responsibility in the pharmacy.

AGV-134 Clinical Pathology II is designed to familiarize students with that part of the laboratory devoted to analyzing blood, urine and cytology. It will acquaint the students with equipment, reagents, and techniques required to utilize blood and other bodily fluids as a diagnostic aid.

AGV-232 Clinical Technology III is a continuation of Clinical Technology I & II. It will include information on advanced nursing skills, pathology and response to diseases. Topics covered will include toxicology, fluid therapy and blood transfusions, dentistry, and emergency and critical care. In addition to new
information, the student will review previous information in order to prepare for their upcoming internship.

AGV-248 Surgery and Anesthesia for Veterinary Technicians is an introduction to the methods and basic principles of anesthesia and surgery. Students will get foundation for these two areas before they begin doing actual procedures in their final semester.

AGV-182 Diagnostic Imaging is designed to familiarize the student with the x-ray machine, darkroom, techniques, and radiation safety. Areas of emphasis will include technique failures, positioning, and standard diagnostic procedures. It will also introduce the student to digital radiography and ultrasound technologies.

**Semester 5:**

AGV-159 Surgical Nursing introduces the student to the methods and mechanics of the sterilization process and patient surgical preparation. Students will learn surgical instrument identification, pack preparation and Operating Room management. The course focuses on the practical skills of sterile techniques, patient preparation, surgical assisting, and surgical nursing care. (First 8 weeks)

AGV-170 Veterinary Anesthesiology involves the study and application of anesthetic agents. The principles of physiological effects of inhalant anesthetics will be discussed. Students will explore various modalities of anesthetic protocol and analgesia. Emphasis will be on the practical skills of anesthetic administration, pain management and utilization of anesthetic monitoring equipment. (First 8 weeks)

AGV-932 Veterinary Technician Internship is the most critical component of the program. The student will be required to log a minimum of 250 hours in a hospital/clinic setting under the supervision of a veterinarian or credentialed veterinary technician during the last eight weeks of the semester. Ideally, the student will focus on the following areas during the internship: anesthesia, surgery, dentistry, nursing skills, emergency, general health and preventative care, radiology, laboratory, pharmacy, and client education. During the first eight weeks of the semester, emphasis will be placed on review activities in preparation for the upcoming state and national board exams.
Program Entry Requirements

The Vet Tech program is an application based program, admissions is selective. Applicants must be accepted to the program before taking Veterinary Technology Program (AGV) courses.

Your application is not complete until you have done all of the following:

1. Complete an application to Muscatine Community College (application not included in this packet, may be found at: https://www.eicc.edu, select APPLY NOW, under Quick Links

2. Complete an application to Muscatine Community College Veterinary Technology Program;

3. Complete, with a “C” or better, both CHM122- Introduction to General Chemistry and BIO114-General Biology I or an approved equivalent. Grades will be confirmed thru an official transcript evaluation. Applicants must request official transcripts be sent to MCC for evaluation. Evaluation requests be completed online at www.eicc.edu, select “Contact Us”

4. Satisfy the assessment requirement. All applicants must have college level placement for reading and writing, and a minimum placement of Algebra I to be accepted into the program. Requirements may be met by assessment pathways accepted by the college. Requirements may also be met by course completion, with official transcript evaluation (see #3), or official assessment report. The minimum scores required are available by calling an Academic Advisor. (Please note MCC is in the process of converting to new placement pathways, additional information will be provided as updated)

**Please note: if you have not taken a math assessment, in the past 2 years or have Algebra I equivalent course completion, please call 563-288-6056 to schedule the math assessment.

5. Read and sign the Student Health and Performance Standards. Do not sign the waivers if you are not able to perform and abide by these standards.

6. Make sure your address, phone numbers, and emails are accurate for future correspondence from the program director or academic advisor.

7. **NEW!!** Students will be required to have at least 15 hours experience shadowing at a veterinary hospital with a certified veterinary technician. These forms are included at the end of this packet. **Observation Forms must be completed and submitted with your application.**
Once your application has been received you will be sent a confirmation email, affirming your contact information and receipt of the application.

All qualified applicants will then be scheduled an interview with the Veterinary Technology Program Director. Qualified applicants will receive an email regarding interview scheduling procedures.

After the interviews are completed, applicants will be notified of admittance status.

Applicants who are accepted into the program will be required to pay a $25.00 acceptance fee, to hold place in program. This $25 fee will be applied to your tuition with the start of the fall 2019 semester; however, if you decide to withdraw from the program it will not be refunded to you.

Applicants who are admitted into the program will be required to attend a mandatory Veterinary Technology orientation meeting and required to complete a Bridge Orientation for the college.

Applications will be considered as they are received.
Applications will not be considered unless completed in full.

Equal Educational Opportunities

It is the policy of Eastern Iowa Community College District not to discriminate in its programs, activities, or employment on the basis of race, color, national origin, sex, disability, age, sexual orientation, gender identity, creed, religion, and actual or potential family, parental or marital status, as required by the Iowa Code §§216.6 and 216.9, Titles VI and VII of the Civil Rights Act of 1964 (42 U.S.C. §§ 2000d and 2000e), the Equal Pay Act of 1973 (29 U.S.C. § 206, et seq.), Title IX (Educational Amendments, 20 U.S.C. §§ 1681-1688), Section 504 (Rehabilitation Act of 1973, 29 U.S.C. § 794), and Title II of the Americans with Disabilities Act (42 U.S.C. § 12101, et seq.).

If you have questions or complaints related to compliance with this policy, please contact Debora J. Sullivan, Equal Employment Opportunity Officer/Equity Coordinator, Eastern Iowa Community College District, 101 West Third Street, Davenport, Iowa 52801, 563-336-3487, djsullivan@eicc.edu or the Director of the Office for Civil Rights, U.S. Department of Education, Citigroup Center, 500 West Madison Street, Suite 1475, Chicago, Illinois 60661-7204, phone number 312-730-1560, fax 312-730-1576, OCR.Chicago@ed.gov.
Live on Campus

Living and Learning Together
Stay with your classmates, study together and experience community.

Muscatine Community College (MCC) provides students with the highest quality housing, just a few steps from their classrooms. The Nyweide-Scott Hall student housing is four-bedroom units with private rooms for each resident.

Living on campus offers a unique opportunity for active involvement in campus life. Muscatine Community College provides a wonderful variety of activities, clubs and organizations in which to get involved. Not only do these activities put a little more fun in life, they also develop invaluable skills and career-related experience.

Nyweide-Scott Hall consists of four-bedroom, two-bath units, with private rooms for each resident. Rent is $2,250 per semester. ($450 a month) - Payment is due at the first of the month and FACTs payment plan is available. (Prices Subject to change)

There is $250.00 security deposit, due at the time of application and a $35.00 application fee. For more information, including the application, housing contract and vehicle registration information, visit www.eicc.edu/housing

To submit your application, email mccapartments@eicc.edu.

Apartment Set-Up and Amenities:

Bedroom: Twin XL bed, desk, chair, 3 drawer dresser, wardrobe w/2 drawers 2 bath

Living Room: Couch, Dining Table, 4 chairs, coffee table -Kitchen: Fridge, Stove

- Basic internet
- Basic cable
- All utilities: electricity, water, sewage, trash removal and laundry facilities
- On-site maintenance
- On-site parking
- Community lounge: ping pong table and study area
- BBQ grill
- Building locked 24/7
  - Key fob entry
  - Private locks on all bedroom doors
  - Surveillance cameras
Muscatine Community College Veterinary Technology Program Application for Admission

Last Name __________________________ First Name __________________________ MI _______

Home Phone ( ) __________________________ Cell Phone ( ) __________________________

Home Address _______________________________________________________________

City __________________________________________ State __________ Zip __________

SS # or EICC Student ID # ______________________________________________ Email ____________

Birthdate Month ______ Day ______ Year ________ Gender Male _____ Female _____

Previous Education:

Please circle format in which High School Curriculum was completed: High School Diploma or GED

Please list names of other colleges attended (List most recent first) Also list degrees, if received and accumulative G.P.A at respective institution(s).

1. ________________________________________________________________

2. ________________________________________________________________

Please complete the following information concerning your previous college experience: where and when courses were completed and the final grade received or list classes currently enrolled in:

<table>
<thead>
<tr>
<th>School</th>
<th>Semester and Year Only</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Biology</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Intro to Gen. Chemistry</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>English Composition I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Professional Communication</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HUM/PHI course option</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Courses completed that may serve as substitutions:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Courses that must be completed prior to application.**

How did you hear about Muscatine Community Colleges Veterinary Technology Program?

______________________________________________________________________________

Signature:________________________________________________________Date: ________________

OFFICE USE ONLY:

Assessment Completed:____________________ DATE: ______________ Criteria Met_________ 

Reading____________________ Writing____________________ Mathematics____________________
Muscatine Community College Veterinary Technology  
Student Health and Performance Standards:  

Students are responsible for their own medical care and health insurance throughout the Veterinary Technology Program. Neither the college nor the Veterinary Technology Program is responsible for needed medical care. The student is responsible for any costs that may be incurred as it relates to personal injuries the student may acquire while participating in the program. Muscatine Community College and/or field trip sites cannot be held liable for such injuries. Students are strongly advised to make arrangements for their own health insurance coverage.  

INJURY: Students who are injured in a laboratory/class situation must report the injury immediately to the supervising instructor/faculty member. Students attend laboratory sessions at their own risk and are responsible for any medical costs incurred due to an injury. To help prevent injury no open toed shoes are allowed in the labs. Any jewelry should be removed. An instructor may request that you remove your jewelry for your own safety. Please comply with such requests.  

Veterinary Technology students are expected to inform faculty of any health conditions that interfere with clinical laboratory or kennel duty functions. Students may be asked to refrain from certain clinical laboratory procedures if the instructors feel that the student’s health may be compromised. A physician’s note may be required to verify any condition. Regardless, inability to perform assigned functions can affect your grades. As soon as pregnancy or any medical problems are diagnosed, the student is encouraged to bring a written statement from their physician permitting them to continue in the Veterinary Technology Program and/or perform safely in the clinical setting.  

Students should be aware of zoonotic disease risks (rabies, ringworm, brucellosis, intestinal parasites, toxoplasmosis, etc) that are associated with participation in the program and this profession.  

Students should also be aware that practicing venipuncture on each other is prohibited. Students should be aware that Hepatitis, AIDS, and other diseases can be transmitted by contact with infected blood and should handle and dispose of all venipuncture supplies and sharps in an appropriate manner. Students should also be aware of the risks of blood-borne diseases when aiding another injured student.  

Students are strongly encouraged to have prophylactic rabies inoculations. Students bitten by animals while in the program are strongly encouraged to visit their physician at the earliest possible time even if he/she is vaccinated for rabies. Because of the natural risks associated with programs such as ours, Muscatine Community College is in no way liable for students being bitten or any injury (physical or emotional) while handling and working with animals within the program.  

SAFETY REQUIREMENTS: Although precautions are taken by instructors to prevent or minimize the potential for student injury; no guarantee is made or implied regarding student safety due to the unpredictable behavior of animals. All teaching animals and patients are potentially capable of inflicting serious injury even when appropriate restraint and safety precautions are used, but use of these precautions is essential to reduce the risk of injury. Prior to the beginning of each laboratory session, students should review all safety and restraint
information contained in the current and previous course materials, reading and objectives. If students are unsure of the correct restraint or safety protocol to follow they should seek immediate supervision prior to initiating any animal contact.

Do not fear an animal, but respect what they can do.

ACKNOWLEDGEMENT OF STATUTORY REQUIREMENTS FOR LICENSURE AND REGISTRATION AS A VETERINARY TECHNICIAN IN THE STATE OF IOWA

Please read the following:
The Iowa State Board of Veterinary Medicine ("Board") requires that candidates for licensure and registration as a veterinary technician meet the following conditions as required under Iowa Code § 169.20 and Iowa Administrative Code § 88—8.1, 8.2:

1. United States citizen;
2. Graduated from a two-year, American Veterinary Medicine Association (AVMA) accredited school of veterinary technology; and
3. Successfully passed an examination prescribed by the Board, which may include a written or practical portion, or both.

Performance Standards:
Performance standards are necessary in a competent veterinary technician. These standards are necessary to protect the technician, other members of the health care team and the animal patients.

1. PHYSICAL REQUIREMENTS
   a. Ability to tolerate walking and standing for sustained periods of time.
   b. Capable of lifting and/or carrying up to 50 pounds from floor to waist level frequently.
   c. Capable of using hands and arms to handle, install, position and move materials.
   d. Capable of handling, positioning and restraining live animals of various sizes.

2. SENSORY ABILITIES
   a. Visual ability to see details at a close range and to make observations and assessments necessary in animal care. Be able to use diagnostic equipment i.e. microscope, thermometer, refractometer, etc. . .
   b. Auditory ability sufficient to monitor and assess health needs. Hear auscultatory sounds, monitor alarms, emergency and cries for help. Hear warning sounds from animals and humans of impending danger /injury.
   c. Tactile ability sufficient for physical assessment and to perform nursing

3. MENTAL
   a. Amendment to learning the safe handling, restraining and working with any species of domestic or exotic animals without fear. These animals may be sick, injured, fractious, or aggressive without fear.

   b. Willingness to assist with or perform a wide variety of routine medical surgical and diagnostic procedures common to the veterinary setting; including humane euthanasia.

   c. Capacities to read and hear, understand, and quickly execute complex verbal and written instructions given in English.

   d. Ability to differentiate between classroom instruction or assessment and personal critique.

   e. Possess emotional stability when performing duties in animal life and death situations or other stressful situations.

   f. During emergencies, being able to respond promptly and appropriately.

Student Name (printed) _____________________________________________________________

(Signature) __________________________________________ Date ______________

If the student is under 18 years of age

Parent or guardian name (printed) ____________________________________________

(Signature) __________________________________________ Date ______________
Muscatine Community College Veterinary Technology
Rabies Waiver:

Since rabies is endemic to this area and (you) as a student will be utilizing animals without normal vaccine histories. The program has the responsibility to provide the following waiver.

The program recommends and encourages each student to obtain the rabies immunization. It is the responsibility of the student to cover the cost of this immunization procedure.

Since this is an expensive procedure and may not be readily available to all students, you are being given the opportunity to sign a waiver indicating that you have been informed of the risk.

Your signature on this waiver indicates your understanding of the risk and that you agree to provide insurance coverage sufficient to defend, indemnify, and hold harmless Muscatine Community College and contracted parties from any and all claims by or injuries related to rabies.

I certify that the risks associated with rabies as they relate to the Veterinary Technology Program have been explained to me and I understand these risks. I will not hold Muscatine Community College or the Veterinary Technology Program responsible should I contract rabies.

Student Name (printed) __________________________________________________________

(Signature) __________________________________ Date ________________

If the student is under 18 years of age

Parent or guardian name (printed) _______________________________________________

(Signature) __________________________________ Date ________________
Muscatine Community College Veterinary Technology
Pregnancy Policy Waiver

I certify that I have been informed of the risk that may be associated with a pregnancy as a student within the Muscatine Community College Veterinary Technology Program.

I have been advised of the following risk that may be included in the routine instructional needs of the program.

- Exposure to the following situations:
  - Biohazards
  - Teratogens
  - Cytotoxic compounds
  - Ionizing radiation
  - Anesthetic gases
  - Hormonal agents
  - Physical injuries

I understand that I am not obligated to inform Muscatine Community College or the Veterinary Technology Program faculty of my pregnancy status and assume all responsibility to avoid these hazards should I be pregnant. I will not hold Muscatine Community College or the Veterinary Technology Program responsible should any complications to my pregnancy occur.

Student Name (printed)  
(Signature)  Date

If the student is under 18 years of age

Parent or guardian name (printed)  
(Signature)  Date
ACKNOWLEDGEMENT OF STATUTORY REQUIREMENTS FOR LICENSURE AND REGISTRATION AS A VETERINARY TECHNICIAN IN THE STATE OF IOWA

Please read the following:
The Iowa State Board of Veterinary Medicine (“Board”) requires that candidates for licensure and registration as a veterinary technician meet the following conditions as required under Iowa Code § 169.20 and Iowa Administrative Code § 88—8.1, 8.2:

1. United States citizen;
2. Graduated from a two-year, American Veterinary Medicine Association (AVMA) accredited school of veterinary technology; and
3. Successfully passed an examination prescribed by the Board, which may include a written or practical portion, or both.
Muscatine Community College Veterinary Technology
Animal Care Duty Statement

As part of the Veterinary Technology program, animals from the Muscatine Humane Society are housed at the program facility throughout the academic year for the purpose of hands on learning of necessary skills. During the summer semester, laboratory animals are housed at the facility for the same purpose. Providing appropriate care to these animals is an integral part of the veterinary technology curriculum and is a required task of all students in the program. While every effort is made to ensure that animal care duty is scheduled such that it will not unduly interfere with students’ personal obligations, it is the opinion of the Program Director that performing these tasks takes precedence during the time that the student is a part of the veterinary technology program. Animal care duty is generally performed 3 times per day, morning, mid-day and evening, and may include weekends. Students will be scheduled on a rotating basis throughout the academic year.

**PLEASE NOTE: Animal Care Duty assignments take place outside of normal class periods.**

Students are expected to fully participate in animal care duty when they are scheduled. Failure to attend or repeated tardiness for scheduled animal care duty shifts may result in dismissal from the Veterinary Technology Program.

I certify that I have read and understand that I will be required to participate as assigned in animal care duty while I am a student in the Veterinary Technology program. I also certify that I clearly understand failure to participate fully in the assigned duties may result in dismissal from the program.

Student Name (printed) __________________________________________________________
(Signature)_________________________________________________________ Date __________

If the student is under 18 years of age

Parent or guardian name (printed) _______________________________________________
(Signature)_________________________________________________________ Date __________
Muscatine Community College
Veterinary Technology Program

Application is not complete unless all of the following statements are checked, this sheet is signed and submitted along with the completed program application and signed student waivers:

I am submitting my application to Muscatine Community College Veterinary Technology Program for the **FALL 2019** start. I understand that the program has limited capacity; if the program is full, I may be given the option to be placed on a waiting list.

I understand that applications will be considered as they are received for **Fall 2019**, and acceptance will be based on successful completion of pre-requisite courses BIO 114, CHEM 122 or equivalents with at least a final grade of “C”, qualifying assessment scores, and an admissions interview. Admissions interviews will be scheduled based on application date.

I have read and signed all waivers, and clearly understand each one. Any questions regarding the waivers have been answered to my satisfaction.

I understand that all courses in the Veterinary Technology program curriculum must be completed with a minimum of a ‘C’ grade to progress in the program. Failure to achieve a ‘C’ grade or better in any veterinary technology course (AGV-xxx) will require that I repeat the course and may delay my progress through the program.

I understand that my application will **not be** eligible for consideration until final grades for prerequisite courses have been received and reviewed. It is my responsibility to ensure that if relevant coursework is completed outside of EICC, I will follow procedures outlined on page 7 of this application for transcript evaluation.

Signature

Print Name

Date

Phone Number

Social Security Number

Please submit completed packet to:
Muscatine Community College
Attn: Elida Perales, Academic Advisor
152 Colorado Street
Muscatine, IA 52761
MCC Veterinary Technology Program

- Observation Form for Prospective Students (3 pages)

To be completed by the student and signed by the participating Veterinarian or Veterinary Technician.

Student name (print or type): _________________________________________ Date of Birth: __________________

The purpose of the observation is to expose applicants to a wide-variety of veterinary procedures performed by a Doctor of Veterinary Medicine (DVM), Licensed Veterinary Technician (LVT), Registered Veterinary Technician (RVT), and/or Certified Veterinary Technician (CVT). Applicants are required to complete a minimum of 15 hours of observation in a small animal practice or large animal setting, or a combination of both. Although applicants are encouraged to observe a variety of procedures, they are required to observe SIX of EIGHT specific procedures, which are detailed below.

In order to successfully complete this requirement for admission, applicants must:

1. Complete a minimum of 15 hours of observation in a small animal practice or a large animal setting, or a combination of both.
2. Complete the Required Procedures for Observation detailed below, and ensure that the supervising DVM, LVT, RVT, and/or CVT initials and dates each Required Procedure for Observation.
3. Complete the Observation Log by documenting the times and dates for each observation.
4. Ensure that the supervising DVM, LVT, RVT, and/or CVT completes the DVM, LVT, RVT, and/or CVT Certification section.
5. Sign and date the Applicant Certification section and submit it to the Office of Admissions.

Required Procedures for Observation

The following procedures are required for observation. Applicants may observe these specific procedures in a small animal practice or a large animal setting, or a combination of both. The supervising DVM, LVT, RVT, or CVT must initial and date next to each observed procedure.

<table>
<thead>
<tr>
<th>Procedure Required for Observation</th>
<th>Supervising DVM, LVT, RVT, or CVT Initials</th>
<th>Date of observation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prepare fecal specimens/flots</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Urinalysis</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Restraint techniques</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Anesthesia machine operation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Euthanasia</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Surgical Procedure</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Post-operative care</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cleaning cages, equipment &amp; clinic</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Updated 3/7/19 for Clinical Observation**

Observation Details

Applicants are required to document each procedure they observed by placing check marks next to each of the procedures they observed during their 15 hours of observation. It is not required to observe all of the items listed below, however, applicants are encouraged to observe a wide-variety of procedures.

### Small Animal Procedures

<table>
<thead>
<tr>
<th>ITEM</th>
<th>ITEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Obtain patient history</td>
<td>Heartworm tests</td>
</tr>
<tr>
<td>Check temperature/pulse/heart/lungs</td>
<td>Cystocentesis</td>
</tr>
<tr>
<td>Communicate with client</td>
<td>Gram stain</td>
</tr>
<tr>
<td>Collect/prepare fecal specimens/floats</td>
<td>Diff-quick stain</td>
</tr>
<tr>
<td>Analyze fecal specimen for parasites</td>
<td>Taking radiographs</td>
</tr>
<tr>
<td>Express anal glands</td>
<td>Developing radiographs</td>
</tr>
<tr>
<td>IV catheter</td>
<td>Restraint techniques (feline/canine)</td>
</tr>
<tr>
<td>Urinary catheter</td>
<td>Restraint techniques (other animal)</td>
</tr>
<tr>
<td>IV or IM anesthetic</td>
<td>Administer pills</td>
</tr>
<tr>
<td>Anesthesia machine operation</td>
<td>Injection (Subcutaneous or intramuscular)</td>
</tr>
<tr>
<td>Mask animal for anesthetic</td>
<td>Administer subcutaneous fluids</td>
</tr>
<tr>
<td>Intubation</td>
<td>Euthanasia</td>
</tr>
<tr>
<td>Cephalic blood draw</td>
<td>Operate &amp; maintain autoclave</td>
</tr>
<tr>
<td>Jugular blood draw</td>
<td>Apply/remove bandages &amp; splints</td>
</tr>
<tr>
<td>Blood draw-inner/outer rear legs</td>
<td>Therapeutic bathing/basic grooming</td>
</tr>
<tr>
<td>Lab analysis of blood - PCV/TP</td>
<td>Cleaning cages, equipment &amp; clinic</td>
</tr>
<tr>
<td>Blood chemistry machines</td>
<td>Use of clinic software (access records/set appointments)</td>
</tr>
<tr>
<td>Blood smears</td>
<td>Access client/patient files</td>
</tr>
<tr>
<td>Urinalysis</td>
<td>Misc. paper work, filing &amp; records</td>
</tr>
<tr>
<td>Surgical preparation</td>
<td>Trim nails</td>
</tr>
<tr>
<td>Post-operative care</td>
<td>Spay/neuter</td>
</tr>
<tr>
<td>Routine dental prophylaxis</td>
<td>De-claw</td>
</tr>
</tbody>
</table>
Observation Log

Applicants are required to document the times and dates of their observation hours using the log below.

<table>
<thead>
<tr>
<th>Date</th>
<th>Time In</th>
<th>Time Out</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Total Observation Hours**

DVM, LVT, RVT and/or CVT Certification

This section must be completed by the supervising DVM, LVT, RVT, and/or CVT

By signing below, I hereby certify that the information provided on this form is true and accurate.

Signature(s) of DVM, LVT, RVT, and/or CVT: _______________________________, _______________________________

Printed Name(s) of DVM, LVT, RVT, and/or CVT: _______________________________, _______________________________

Name of Clinic or Facility:

Address of Clinic or Facility:

Phone Number of Clinic or Facility:

Applicant Certification

By signing below, I hereby certify that all information on this form is true and correct.

Signature of Student: _______________________________ Date: ____________________