RCTC PROGRAM PLAN

VETERINARY TECHNICIAN
Associate in Applied Science

I. MINNESOTA TRANSFER CURRICULUM (MNTC)/
GENERAL EDUCATION REQUIREMENTS..................................................16 CREDITS

GOAL 1: WRITTEN AND ORAL COMMUNICATION ........................................3 CR
COMM 1114, Fundamentals of Public Speaking, 3 cr
OR
ENGL 1117, Reading and Writing Critically I, 4 cr

GOAL 2: CRITICAL THINKING MAY BE MET BY ANY COURSE IN MNTC 1-10 GOALS

GOAL 3: NATURAL SCIENCES .............................................................7 CR
BIOL 1220, Concepts of Biology, 4 cr
CHEM 1101, Elements of Chemistry, 3 cr

GOAL 5: HISTORY AND THE SOCIAL AND BEHAVIORAL SCIENCES ................3 CR
PSYC 1611, Psychology of Adjustment, 3 cr
OR
Credits from MNTC Goal 5

GOAL 6: HUMANITIES - THE ARTS, LITERATURE AND PHILOSOPHY ..............3 CR
Choose one of the following courses:
PHIL 1125, Ethics, 3 cr
OR
Credits from MNTC Goal 6

Required General Education courses must be completed with a grade of C or better.

II. PROGRAM CORE REQUIREMENTS.....................................................59 CREDITS

MATH 1026, Mathematics for Vet Technicians, 1 cr
*VT 1010, Veterinary Medical Terminology and Anatomy, 3 cr
*VT 1110, Introduction to Animal Health Technology, 3 cr
VT 1220, Small Animal Nursing Techniques I, 3 cr
VT 1410, Veterinary Surgical Nursing and Anesthesia, 2 cr
VT 1510, Veterinary Office Procedures, 2 cr
VT 1610, Fundamentals of Diagnostic Imaging, 3 cr
VT 1710, Introduction to Veterinary Technology Field Experience, 2 cr
VT 1810, Parasitology, 2 cr
VT 1900, Small Animal Care and Management, 2 cr
VT 2020, Comparative Veterinary Anatomy and Physiology, 2 cr
VT 2230, Small Animal Nursing Techniques II, 3 cr
VT 2240, Small Animal Nursing Techniques III, 2 cr
VT 2250, Large Animal Procedures, 3 cr
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VT 2260, Veterinary Surgical Nursing II, 2 cr
VT 2270, Laboratory Animal Care and Management, 3 cr
VT 2620, Applied Diagnostic Imaging, 1 cr
VT 2720, Veterinary Technician Field Experience, 4 cr
VT 2820, Clinical Laboratory Techniques I, 3 cr
VT 2830, Clinical Laboratory Techniques II, 3 cr
VT 2900, Kennel Management and Nutrition, 2 cr
VT 2910, Pharmacology and Disease for Veterinary Technicians, 4 cr
VT 2920, Small Animal Disease and Diagnostics, 2 cr
VT 2930, Applied Pharmacology and Nutrition, 2 cr

TOTAL ............................................................................................................................ 75 CREDITS

ADDITIONAL NOTES:

PURPOSE: The Veterinary Technology department offers one major option: Veterinary Technician A.A.S Degree. The Veterinary Technician Program is designed for students to complete some prerequisites in Veterinary Technology and after successful completion provide an opportunity to advance into the Veterinary Technician Applied Associate Degree. Courses are arranged in a sequential manner with a field experience component scheduled in the summer semester for the first year and the spring of the second year. All students begin the Veterinary Technician program in the spring semester of the academic year. Courses continue in an arranged sequential manner and are designed to combine theory with practical experience.

The Veterinary Technician curriculum is designed to prepare students for a career as a Veterinary Technician. Students are taught the skills and procedures to effectively contribute to the health and well-being of the animal patient. Veterinary Technicians are qualified to provide a diverse range of medical skills and responsibilities that include advance nursing care, anesthesia monitoring and induction, clinical laboratory testing and analysis, critical care support, surgery assisting, dental prophylaxis, radiographic imaging and client education.

OCCUPATIONAL OBJECTIVES: Training as a Veterinary Technician enables the student to work as professional technical support to veterinarians, biomedical researchers, and other scientists as well as positions in the pharmaceutical industries, animal control and humane organizations and local and state health departments. Opportunities for jobs exist in the following areas: Veterinary practice, Veterinary supply sales, Zoo/Wildlife Medicine, Diagnostic Laboratories, Biomedical research, Humane Societies, Military Service, Teaching, and Herd Health Managers.

ADMISSION: APPLICATION TO THE VETERINARY TECHNICIAN PROGRAM:
1. Meet college admission requirements.
2. Complete RCTC Veterinary Technician application form.
3. Submit official transcripts from high school and college (if any) for evaluation.
4. Seek academic advisement to ensure that all pre-requisites are complete.
5. Application is valid for the current year only.
6. Application deadline is November 15. Only offering a spring start.
7. Thirty-six students will be admitted annually.
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8. Should there be more qualified applicants than are spaces available, students will be admitted according to GPA ranking and a score on a program 50 point test given in the middle of fall semester.
9. Must have completed program prerequisites prior to entrance into the program.
10. Admittance will be conditional until fall grades have been finalized.

PROGRAM ENTRANCE REQUIREMENTS:
*PREREQUISITES: Successful completion of VT 1010, Veterinary Medical Terms and Anatomy; VT 1110, Introduction to Animal Health Technology; Written and Oral Communications (Goal 1); and CHEM 1101, Elements of Chemistry. All VT and required general education courses must be completed with a grade of C or better in order to continue to the next semester of the program.

Revised: 10/27/2015
Implementation: Fall 2015