VETERINARY TECHNOLOGY (VTL)

VTL 1113 LABORATORY ANIMAL MEDICINE I
Description: Lectures and journal article driven discussions will help students acquire knowledge of topics and skills used by animal research technicians. This course will explore a wide range of topics with the goal of helping prepare students for AALAS certification as an Assistant Laboratory Animal Technician (ALAT). Unique attributes of animal species that accommodate their involvement in particular research studies as models of human disease. Students will also gain an appreciation of animal welfare regulations, guidelines and accreditation standards for the care and use of laboratory animals in biomedical research.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

VTL 1122 LABORATORY ANIMAL MEDICINE II
Description: (Pre req: Lab Animal Medicine I) In this course, students will learn about skills that are useful for laboratory animal care technicians such as animal restraint and husbandry, rodent surgery, PCR, advanced imaging, and cell culture. Student further learn and implement many of these skills in a lab associated with the course. These topics are represented on AALAS’s Laboratory Animal Technician (LAT) certification exam.
Credit Hours: 2
Max credits per semester: 2
Max credits per degree: 2
Format: LEC

VTL 1133 LABORATORY ANIMAL MANAGEMENT
Description: This course addresses the unique aspects important in management of a research colony, such as personnel, quality control, emergency planning, and the management of animal use protocols. These topics are represented on AALAS’s Laboratory Animal Technologist (LAT) certification exam.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC