

Courses Available on the AALAS Learning Library—February 2009

ALAT Training

ALAT 1: History and Purpose of Lab. Animal Science & Animal Care Programs*
ALAT 2: The Research Facility Environment*
ALAT 3: An Introduction to Science
ALAT 4: Cell & Tissue Structure
ALAT 5: Organs & Organ Systems
ALAT 6: Feed and Nutrition
ALAT Review Exam (1-6) ‡
ALAT 7: Heredity and Breeding
ALAT 8: Laboratory Animal Environment
ALAT 9: Facility Equipment
ALAT 10: Hygiene in the Laboratory Animal Facility
ALAT 11: Animal Procurement
ALAT 12: Health and Disease
ALAT 13: Drug Therapy and Common Diseases of Laboratory Animals
ALAT 14: Euthanasia
ALAT 15: Experimental Design & Methodology
ALAT Review Exam (7-15) ‡
ALAT 16: Mice
ALAT 17: Rats
ALAT 18: Hamsters
ALAT 19: Guinea Pigs
ALAT 20: Gerbils
ALAT 21: Rabbits
ALAT 22: Cats
ALAT 23: Dogs
ALAT 24: Nonhuman Primates
ALAT 25: Swine
ALAT 26: Sheep/Goats
ALAT 27: Amphibians
ALAT 28: Birds
ALAT 29: Miscellaneous Laboratory Animals
ALAT Review Exam (16-29) ‡
ALAT Final Review Exam (1-29) ‡

LAT Training

LAT 1: Public and Private Interests in Animal Research*
LAT 2: Administrative Responsibilities*
LAT 3: Laboratory Techniques
LAT 4: Genetics & Breeding
LAT 5: Anatomy & Physiology
LAT Review Exam (1-5) ‡
LAT 6: Laboratory Animal Facility Equipment
LAT 7: The Laboratory Environment
LAT 8: Animal Health Maintenance
LAT 9: Health and Disease
LAT 10: Diagnostic Techniques
LAT Review Exam (6-10) ‡
LAT 11: Aseptic Technique, Surgical Support and Anesthesia
LAT 12: Emergency Veterinary Care
LAT 13: Research Methodology
LAT 14: Calculations & Conversions
LAT Review Exam (11-14) ‡
LAT Final Review Exam (1-14) ‡

LATG Training

LATG 1: Personnel Management
LATG 2: Facility Management
LATG 3: Facility Security and Disaster Planning
LATG 4: Regulations
LATG 5: Health Surveillance and Quality Assurance
LATG 6: Occupational Health and Safety
LATG Unit One Review Exam ‡

LATG 7: Introduction to Organic Chemistry & Biochemistry
LATG 8: Molecular Biology
LATG 9: Immunology
LATG 10: Genetic Engineering
LATG 11: Gnotobiotics
LATG Unit Two Review Exam ‡
LATG 12: Agents of Infectious Disease
LATG 13: Common Diseases of Lab. Animals
LATG 14: Diagnostic Techniques
LATG 15: Pharmacology
LATG 16: Anesthesia & Analgesia
LATG Unit Three Review Exam ‡
LATG 17: Experimental Design and Data Handling
LATG Final Review Exam ‡

AALAS Certification Preparation

Taking an AALAS Technician Certification Exam ‡
Study Skills ‡
Basic Metrics for the Laboratory Animal Facility
CMAR: Preparing for the Animal Resources Exam ‡

U.S. Mandates and Guidelines

Animal Welfare Act Regulations
Public Health Service Policy on Humane Care and Use of Laboratory Animals
Guide to the Care and Use of Laboratory Animals
Good Laboratory Practice Standards
Euthanasia of Research Animals: AVMA Guidelines
Biosafety in Microbiologic and Biomedical Laboratories
Occupational Health and Safety in the Care and Use of Research Animals
Avoiding Conflict of Interest in Federal Research*
Working with Controlled Substances

Bioethics

Ethical Decision-Making in Animal Research
Ethical Case 1: Mouse in a Parasitology Experiment
Ethical Case 2: Rat with Partial Paralysis

Anesthesia and Analgesia

Pain Recognition and Alleviation in Laboratory Animals
Post-Procedure Care of Mice and Rats in Research: Minimizing Pain and Distress*
Inhalation Anesthesia Systems for Rodents

Compliance Courses

Working with the IACUC: non-VA version*
Refresher: Working with the IACUC
Working with the IACUC: VA version*
Essentials for IACUC Members*
The Semiannual Facility Inspection
Common Compliance Issues
Post-Approval Monitoring

Introduction to Research Animal Methodologies

Introduction to Mice*
Introduction to Rats*
Introduction to Rabbits*

Introduction to Guinea Pigs*
Introduction to Hamsters*
Introduction to Gerbils*
Introduction to Dogs*
Introduction to Cats*
Introduction to Nonhuman Primates*
Introduction to Swine*
Introduction to Amphibians*
Introduction to Ferrets

Occupational Health and Safety

Bloodborne Pathogens Training
Introduction to Ergonomics in the Laboratory Animal Facility
Ergonomics for Animal Technicians: Working Smart
Health Risks and Safety Procedures for Working with Nonhuman Primates
Laboratory Animal Allergy

Mouse Biotechnology

Working with the Laboratory Mouse*
Mouse Breeding Colony Management
Genetically Engineered Mice: Historical Perspectives
Genetically Engineered Mice: Evaluating the Phenotype
Genetically Engineered Mice: Transgenesis/Conditional Control Systems
Aseptic Rodent Surgery

Dog Biotechnology

Working with the Laboratory Dog: The Basics
Working with the Laboratory Dog: Venous Catheterization
Working with the Laboratory Dog: Urinary Catheterization
Working with the Laboratory Dog: Endotracheal Intubation
Working with the Laboratory Dog: Injections and Blood Collection

Ferret Biotechnology

Working with the Laboratory Ferret

Zebrafish Biotechnology

Working with Laboratory Zebrafish

Management and Training

Active Listening
Communicating with the Non-Native English Speaker
Team Building
Time Management and Goal Setting
Workplace Training
Writing Multiple Choice Questions

Facilities, Supplies, and Materials

Maintaining Animal Procedure Areas
Syringes and Needles
Selection of Cage Cleaner Products

Animal Health, Disease, and Medicine

Introduction to Laboratory Animal Medicine*
Laboratory Animal Nutrition

Biosecurity

VA Biosecurity*
Laboratory Biosecurity

*You can take this course free (in the Free Courses track) but you need an account to receive transcript documentation.

‡ These courses are designed to help individuals prepare for the certification exams, they do not provide CEUs.