



# AALAS LEARNING LIBRARY

Animal Care and Use in Research and Education

[www.aalaslearninglibrary.org](http://www.aalaslearninglibrary.org)



## Online training from AALAS—created with you in mind.

The AALAS Learning Library (ALL) offers web-based courses that emphasize appropriate handling, care, and use of animals in research and education settings. ALL courses help meet the training needs of individuals, institutions, and AALAS branches.

### Take Courses for Free

- Go to [www.aalaslearninglibrary.org](http://www.aalaslearninglibrary.org)
- Select Animal Care and Use Library.
- Choose Free Courses track

*No transcript documentation for free courses is provided unless the user has an active account.*

### Advantages of Institutional Enrollment

- Access to all training records (institutional/commercial institutions only)
- Data automation services (extra fee)
- Custom course hosting (extra fee)

### Features

- Practice questions and final exams
- Personal transcripts
- Certificates of completion
- Continuing Education Units (CEUs)
- Course menus customizable for groups
- Access to all courses for a year

### Customizable Courses

Institutional member groups: Customize up to five courses FREE!

Working with the IACUC: VA version	Good Laboratory Practice Standards
Working with the IACUC: non-VA version	Introduction to Mice
Refresher: Working with the IACUC	Introduction to Rats
Common Compliance Issues	Introduction to Hamsters
Essentials for IACUC Members	Introduction to Gerbils
Animal Welfare Act Regulations	Introduction to Guinea Pigs
Euthanasia of Research Animals: AVMA Guidelines	Introduction to Rabbits
Public Health Service Policy on Humane Care and Use of Laboratory Animals	Introduction to Dogs
Guide to the Care and Use of Laboratory Animals	Introduction to Cats
Biosafety in Microbiologic and Biomedical Laboratories	Introduction to Swine
	Introduction to Nonhuman Primates
	Introduction to Amphibians

### Individual Enrollments

# of Individual Accounts	AALAS Fee	AALAS Nonmember Fee
1	\$100	\$170

### Group Enrollments

# of Accounts in Group	Fee for AALAS Institutional, Commercial, or Branch Members	AALAS Nonmember Group Fee
8	\$500	\$700
16	\$750	\$1,000
31	\$850	\$1,200
51	\$1,000	\$1,500
76	\$1,250	\$1,750
150	\$1,500	\$2,000
175	\$1,750	\$2,500

### Large Group Enrollments

# of Accounts in Group	Fee for AALAS Institutional/Commercial Members	AALAS Nonmember Group Fee
2000	\$2,000	\$3,000
5000	\$3,000	\$4,000

### Additional Services

Service	Fee for AALAS Institutional/Commercial Members	AALAS Nonmember Fee
Data Automation Services	\$200	\$400
1–5 Custom Courses	Free	Free
6–15 Custom Courses	\$500	\$1,000
16–50 Custom Courses	\$1,000	\$2,000

# Courses Available on the AALAS Learning Library—April 2009

## ALAT Training

ALAT 1: History and Purpose of Laboratory Animal Science and Animal Care Programs\*  
ALAT 2: The Research Facility Environment\*  
ALAT 3: An Introduction to Science  
ALAT 4: Cell and Tissue Structure  
ALAT 5: Organs and 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 and 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 and Breeding  
LAT 5: Anatomy and 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 and 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 and 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 Laboratory Animals  
LATG 14: Diagnostic Techniques  
LATG 15: Pharmacology  
LATG 16: Anesthesia and 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 Examination ‡  
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 for Animal Research  
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 Biomethodology

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 Biomethodology

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 Biomethodology

Working with the Laboratory Ferret

## Zebrafish Biomethodology

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.