

Career Major:

# Laboratory Animal Science Technologist



Pathway:  
Biotechnology Research & Development

Cluster:  
Health Science

## Career description:

Laboratory Animal Technologists are highly skilled and proficient at performing the tasks related to laboratory animal science. In addition to being able to perform these daily tasks independently, technologists may also be involved in designing studies and setting the conditions and protocols that will provide scientists with the information required. To do this, they need to understand the physical, behavioral, and environmental needs of individual species, and be able to predict and interpret the animals' responses. Experienced technologists help breed animals especially for use in research. They monitor pregnancies, care for newborn animals and measure weight gain and growth. Technologists also play a key role in selecting animals for studies and carrying out and developing dosing, assessment and sampling techniques; therefore, some understanding of the science supporting individual studies is required. In many instances, technologists perform managerial duties and are responsible for training and monitoring laboratory technicians. Certification is recommended, but not necessary for job placement.

## Courses:

- Biological Laboratory Sciences Orientation
- Introduction to Biotechnology
- Professionalism and Communication Skills
- Biological Laboratory Safety
- Standard Laboratory Operating Procedures
- Assistant Lab Animal Technician Training
- Applied Mathematics for Laboratory Science I
- Work Based Education Biological Sciences II
- Laboratory Animal Technologist Training

## Additional Career Majors In This Pathway:

- Assistant Laboratory Science Technician
- Biological Laboratory Assistant
- Biological Laboratory Technician I
- Biological Laboratory Technician II
- Laboratory Animal Science Technician

## AVERAGE SALARY

**\$28,920/year**

### Program Length:

1245 hours

### Who Can Attend:

Adults only

### Schedules Available:

Morning class: 8:10-11:00 am

Afternoon class: 12:40-3:30 pm

### FULL-TIME STUDENTS:

Attend both sessions.

## Entrance Requirements:

Prospective adult students should contact a Meridian career counselor for enrollment information.

## Tuition:

Scholarships are available to qualified applicants who graduate from one of our district high schools if they enroll within two years of graduation. Adult tuition is based on the number of hours in the chosen career major. A Meridian career counselor will be able to provide more information.

## College Credit:

College credit is available for this career. Please contact a Meridian career counselor for more information.

## Licensure/Certification:

In addition to certification from Meridian, this program prepares students for the Laboratory Animal Technologist (LATG) certification exam. In order to qualify to sit for the exam, students must meet specific education and work experience requirements designated by the American Association for Laboratory Animal Science (AALAS); more information is available at: [www.aalas.org](http://www.aalas.org).