



# Agriscience/Horticulture

## Program Description

The Agriscience program offers a comprehensive animal or plant science program. In the Animal Science program, first year students cover basic animal anatomy and physiology, as well as caring for the animals in our Animal Center. Second year students may choose to complete a veterinary assistant program, a college-level course in preparation for employment in the veterinary field or further study in veterinary medicine. Second year students may pursue an individualized program, such as Natural Resources or Advanced Animal Management, specific to the student's interests. Plant Science offers one or two years of plant biology and propagation experience, and specialization in several horticultural areas, including floriculture which includes floral design and greenhouse production, crop science which is planting, growth, pest and disease management, and nursery-landscape including design, growth and installation of landscape, and maintenance of plants and materials. The National FFA Organization provides opportunities for leadership and skills competitions, and emphasizes public speaking, debate and demonstration of agriscience career proficiency. We have a commercial greenhouse operation, and working retail floral shop on premises, allowing students a real-world working experience.

## Related Professions:

- Veterinarian
- Veterinary Technician
- Agricultural Sales
- Florist
- Animal Nutritionist
- Agronomist
- Pet Groomer
- Landscaper
- Greenhouse grower
- Wildlife Biologist

## Lapeer County Education and Technology Center

690 N. Lake Pleasant Rd.

Attica, MI 48412

(810)664-1124

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

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## Articulations:

**Davenport University** (up to 33 credits)

## **Ferris State University:**

HORT 297-4 credits

BIOL 113-3 credits

**St. Clair County Community College**

## Possible Certifications:

**Student Level Michigan Certified Florist**

**Michigan Nursery & Landscaping Assoc.**

**Pesticide Applicators License**

**Certified Artificial Insemination Technician**

## Program Success Indicators

### Academic

- 8<sup>th</sup> grade reading level
- 8<sup>th</sup> grade writing level
- Pre-Algebra
- Biology
- Basic Computer Skills

### Interpersonal

- Able to work with other students
- Be responsible when not supervised
- Good attendance with positive attitude
- Able to follow directions
- Able to work well with adults

### Program specific

- Growing, Harvesting, Processing plants and animals
- Marketing plants and animals
- Landscaping
- Willing to get hands dirty
- Willingness to work independently
- Floral design
- Veterinary science

### Instructor:

**Tammy Hyatt**

(810)664-1124 ext 6132

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Paraprofessionals: Debbie Thompson,

Elizabeth Raymond