

Learning Outcomes: Landscape & Horticulture Technology

❖ **Landscape & Horticulture Professional, College Credit Certificate**

- Students will be able to differentiate the mechanisms involved in plant physiology and growth.
- Students will be able to categorize plants based on growth, morphological, and taxonomic characteristics.
- Students will be able to design a landscape project.
- Students will be able to install landscape plants.
- Students will be able to schedule a fertilization program.

❖ **Landscape & Horticulture Specialist, College Credit Certificate**

- Students will be able to differentiate the mechanisms involved in plant physiology and growth.
- Students will be able to categorize plants based on growth, morphological, and taxonomic characteristics.
- Students will be able to design a landscape project.
- Students will be able to install landscape plants.
- Students will demonstrate employability skills in the landscape field.

❖ **Landscape & Horticulture Technician, College Credit Certificate**

Horticulture Specialization

- Students will be able to differentiate the mechanisms involved in plant physiology and growth.
- Students will be able to categorize plants based on growth, morphological, and taxonomic characteristics.
- Students will be able to design a pest management program.
- Students will demonstrate employability skills in the field of horticulture.
- Students will be able to develop solutions for a wide variety of plant health issues.

Landscape Specialization

- Students will be able to differentiate the mechanisms involved in plant physiology and growth.
- Students will be able to categorize plants based on growth, morphological, and taxonomic characteristics.
- Students will be able to design a landscape or interiorscape project.
- Students will demonstrate employability skills in the field of horticulture.
- Students will be able to schedule a landscape or interiorscape maintenance program.