



## Horticulture Department

### Mission Statement

The Horticulture department of Southwestern Illinois College will prepare the graduate of the Associate of Applied Science Degree in horticulture holistically through group dynamic activities, theoretical studies, practical lab experiences, and meaningful working internships. The horticulture graduate may enter directly into productive horticulture endeavors and employment to attain their educational, career and personal goals, and to pursue life-long learning. The department uses a system that assesses student learning and provides students with the necessary opportunities and assistance to advance in their horticulture careers.

### Educational Goals

A student will:

1. Demonstrate proficiency in utilizing correct horticulture terminology of plant anatomy & plant physiology.
2. Identify common plants used horticulturally in the Mid-Western United States with appropriate plant identification keys.
3. Demonstrate competence in reproducing plants from seed and asexual means.
4. Formulate a complete process for production of healthy plants, including media, fertilizer, pest and disease controls, cost, and environmental factors.
5. Design a horticulture building or business (i.e., orchard, garden, golf green, greenhouse, nursery, etc.) with respect to location, use, cost, and environmental factors.
6. Demonstrate the ability to plan and design a landscape using appropriate plants, hardscapes, and other landscape materials.
7. Demonstrate the ability to correctly prune trees and shrubs found in the Midwest.

*Submitted by: Kurt Range*  
*Division: Math and Science*  
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