MISSION STATEMENT AND STUDENT LEARNING OUTCOMES FOR:

Horticulture

Review Year: 2024

Division:	Discipline/Program/Department:	Contact Person:
Math & Sciences	Horticulture	**Range, Kurt**

Mission Statement

The Horticulture department of Southwestern Illinois College will prepare the graduate of the Associate of Applied Science Degree in horticulture 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.

Program/Discipline Curriculum Map

I = Introduce: Student is first exposed to the concept/idea and is requested to apply the concept in a limited scope.
E = Emphasize: Student applies concept(s) in varying/multiple situations of greater complexity than when initially introduced.
R = Reinforce: Student may be expected to understand the concept upon taking the course and utilizes the concept in conjunction with other concepts/ideas to solve problems.

Program/Discipline Outcomes	***Course Prefix and Number***																								
Graduates of this program or discipline shall be able to:	HORT 102	HORT 112	HORT 120	HORT 132	HORT 135	HORT 136	HORT 152	HORT 165	HORT 175	HORT 195	HORT 215	HORT 226	HORT 228	HORT 235	HORT 237	HORT 242	HORT 252	HORT 262	HORT 265	HORT 275	HORT 280	HORT 287	HORT 288	HORT 289	HORT 298
Demonstrate proficiency in utilizing correct horticulture terminology of plant anatomy & plant physiology.	I	I	I	I	E	E	E	E	E	E	E	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Identify common plants used horticulturally in the Mid-Western United States with appropriate plant identification keys.	I		I		I	E	E			E		R		R		R	R	R				R	R	R	R
Demonstrate competence in reproducing plants from seed and asexual means.	I	I	I	E	E		E			R				R	R	R	R	R			R	R	R	R	R
Formulate a complete process for production of healthy plants, including media, fertilizer, pest and disease controls, cost, and environmental factors.		I	I	I			E				E	R	R	R		R	R	R		R	R	R	R	R	R
Design a horticulture building or business (i.e., orchard, garden, golf green, greenhouse, nursery, etc.) with respect to location, use, cost, and environmental factors.	I			I			E			E				R		R	R	R			R				R
Demonstrate the ability to plan and design a landscape using appropriate plants, hardscapes, and other landscape materials.												I	I									R	R	R	R
Demonstrate the ability to correctly prune trees and shrubs found in the Midwest.	I			I					E						R	R						R	R	R	R

Map Comments:

Core Competency Map

Core Competencies	***Course Prefix and Number***																								
Communication Skills	HORT 102	HORT 112	HORT 120	HORT 132	HORT 135	HORT 136	HORT 152	HORT 165	HORT 175	HORT 195	HORT 215	HORT 226	HORT 228	HORT 235	HORT 237	HORT 242	HORT 252	HORT 262	HORT 265	HORT 275	HORT 280	HORT 287	HORT 288	HORT 289	HORT 298
1. Computer Literacy													X												
2. Oral Communications																									X
3. Writing		X																							
Reasoning Skills																									
4. Critical Thinking																									
5. Quantitative Literacy																									
Citizenship																									
6. Personal Accountability																							X		
7. Civic And Social Accountability																									