

Horticultural Science I & II– Grade Levels 11-12
TEKS Manager

Credit: ½

Place a check (√) in each column to show TEKS taught.

	TEKS	1 st 6 wks	2 nd 6 wks	3 rd 6 wks	4 th 6 wks	5 th 6 wks	6 th 6 wks
	(b)Introduction. To be prepared for careers in horticultural systems, students need to attain academic skills and knowledge, to acquire knowledge and skills related to horticultural systems and the workplace, and to develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need to have opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings.						
(c) Knowledge and skills. (1) The student learns the employability characteristics of a successful worker in the modern workplace. The student is expected to:	(A) identify career development and entrepreneurship opportunities in the field of horticulture;						
	(B) apply competencies related to resources, information, interpersonal skills, and systems of operation in horticulture;						
	(C) demonstrate knowledge of personal and occupational safety practices in the workplace;						
	(D) identify employers' expectations, appropriate work habits, and good						

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	citizenship skills; and						
	(E) plan and conduct supervised agricultural experience programs.						
(2) The student demonstrates technical and managerial skills related to the horticultural agribusiness industry. The student is expected to:	(A) recognize the importance and benefits of the horticultural industry; and						
	(B) recognize benefits and concerns of horticulture in relation to the environment.						
(3) The student develops technical expertise in horticulture. The student is expected to:	A) classify and identify horticultural plants;						
	(B) perform propagation, growing, and maintenance skills relating to horticultural plant production and landscaping						
	(C) distinguish between various pest control practices used in the production of horticultural crops.						
(4) The student develops management expertise in horticulture. The student is expected to:	(A) analyze the cost and maintenance of tools, equipment, and structures used in horticultural plant production						
	(B) demonstrate technical and managerial skills related to the horticulture industry						
	(C) integrate plant growing principles related to the management of environmental conditions required for growing horticultural crops						
	(D) demonstrate work						

	TEKS	1st 6 wks	2nd 6 wks	3rd 6 wks	4th 6 wks	5th 6 wks	6th 6 wks
	ethics, customer relations skills, and management competencies consistent with industry expectations						
	(E) apply design principles through the development of landscapes and floral designs.						

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