

Early College Experience
HORT 101/1110: Fundamentals of Horticulture

UConn Catalog Description: Science and practice of horticultural plant propagation and culture; Basic concepts of plant structure, growth, and function; Integrated pest management; Impact of new technology; Horticulture and the environment. (3 credits)

Sample High School Outline

COURSE TITLE: Fundamentals of Horticulture
LENGTH OF COURSE: 9 weeks (42 classroom hours, 14 lab hours)
GRADE LEVEL: Grades 11& 12 combined
TEXT: Ornamental Horticulture – Science, Operations and Management
 Jack E. Ingels, Delmar publishers (most recent edition)

WEEK 1:	Chapter 1, 3	Plant structure, growth and function Plant Taxonomy and Identification
WEEK 2:	Chapters 2, 5	Soils and soil fertility Plant reproduction
WEEK 3:	Chapters 19, 20	Greenhouse and container horticulture Growing structures and production techniques
WEEK 4:	Chapters 4, 6	Pests and pest management Plant growth regulators
WEEK 5:	Chapter 16, 17	Environmental horticulture Woody ornamentals, the nursery industry
WEEK 6:	Chapters 11, 13	Landscape plants Turfgrass and lawns
WEEK 7:	8, Supplemental Resources	Interior use of plants Fruit, vegetable and herb production and marketing
WEEK 8:	15, Supplemental Resources	Floriculture industry Horticulture and humanity
WEEK 9:	Chapter 18, 22	Human relations and career success

<u>EVALUATION CRITERIA:</u>	Weekly quizzes	25%
	Exam	25%
	Term project/paper	25%
	Written assignments	25%