

**CAREER PROGRAMS**

**Plant Science Technology**

**Advanced Floral Design Certificate**

*Graduates of this 19 credit-hour certificate program are prepared for advanced floral design work and are able to work in all phases of design within the floral industry.*

PKM	100	Park and Horticulture Careers .....	1
PST	104	Beginning Floral Design .....	3
PST	204	Intermediate Floral Design .....	3
PST	205	High Style and Tropical Floral Design.....	3
PST	206	Wedding and Sympathy Floral Design .....	3
PST	207	Permanent Botanical Design .....	3
PST	247	Floral Shop Management .....	3

**Floral Design Certificate**

*Graduates of this 10 credit-hour certificate program are prepared for employment or promotion in retail and wholesale floral businesses.*

PKM	100	Park and Horticulture Careers .....	1
PST	104	Beginning Floral Design .....	3
PST	204	Intermediate Floral Design .....	3
PST	247	Floral Shop Management .....	3

**Garden Center Operations Certificate**

*Graduates of this 23-24 credit-hour certificate program are prepared for employment or promotion with garden center and retail outlets of plant materials and associated merchandise.*

PKM	100	Park and Horticulture Careers .....	1
PKM	214	Landscape Design I (4) or	
PST	104	Beginning Floral Design (3) .....	3-4
PST	101	Woody Plants .....	4
PST	103	Herbaceous Plants .....	4
PST	105	Indoor Plants .....	4
PST	111	Basic Horticultural Skills.....	4
PST	248	Garden Center Operations .....	3

**Grounds Maintenance Certificate**

*Graduates of this 21 credit-hour certificate program are prepared for employment or promotion in culture and care of gardens, landscapes, parks, turfgrass and other passive or active grounds areas.*

PKM	100	Park and Horticulture Careers .....	1
PKM	140	Grounds Equipment and Shop Operation.....	4
PST	101	Woody Plants or	
PST	212	Turfgrass Science .....	4
PST	102	Plant Diseases and Pests .....	4
PST	110	Soil Science.....	4
PST	111	Basic Horticultural Skills.....	4

**Landscape Design Certificate**

*Graduates of this 33 credit-hour certificate are prepared for employment or promotion in residential and commercial landscape design and landscape construction planning and estimating.*

PKM	100	Park and Horticulture Careers .....	1
PKM	213	Landscape Graphics .....	4
PKM	214	Landscape Design I.....	4
PKM	215	Landscape Design II.....	4
PKM	216	Landscape Construction Process and Materials.....	4
PST	101	Woody Plants .....	4
PST	103	Herbaceous Plants .....	4
PST	110	Soil Science.....	4
PST	111	Basic Horticultural Skills.....	4

**Plant Propagation Certificate**

*Graduates of this 17 credit-hour certificate program will be able to produce disease and pest free plants from seed as well as by a variety of vegetative methods as commonly encountered in the greenhouse and nursery industry.*

PKM	100	Park and Horticulture Careers .....	1
PST	101	Woody Plants .....	4
PST	110	Soil Science.....	4
PST	111	Basic Horticultural Skills.....	4
PST	102	Plant Diseases and Pests .....	4