

Future Farmers of America Club (FFA Pa

Introduction to Ornamental Horticulture Year 1

(Articulated with MSJC)

(Pathway 105/4057) CDE Course Code 7160-Grade Level 9

This course will cover all areas of Ornamental Horticulture such as importance of the horticulture industry in the United States, introduction to landscape/irrigation design, construction and maintenance, designing your own pond and waterfall, growing plants in a nursery and greenhouse, and job opportunities in horticulture. This course will include outdoor lab in a greenhouse, vegetable gardens, citrus orchards and landscape growing. This is an introductory course for those who enjoy gardening, growing plants,

Intermediate Ornamental Horticulture (Concentration)

Fundamentals of Sustainable Landscaping Year II

(Pathway 105/4058) CDE Course Code 7161-Grade

This course will cover all the principles of landscaping such as landscape design, irrigation design, landscape and irrigation construction, landscape maintenance, operating landscape equipment, waterfall, pond, and water garden identification, and turf management. This course will include outdoor lab in an actual landscape setting. This course is designed for students who are pursuing a career in landscape design, construction, and maintenance.

Intermediate Ornamental Horticulture (Concentration)

Professional Turf Grass Science & Management Year I

(Pathway 105/4058) CDE Course Code 7161-Grade

This course will cover an overview of Professional Turf Grass Management. Topics to be covered will be: Turf Grass Plant Science, Soil Science, Soil Temperature, Soil Chemistry, Establishment of Turf Grass, Fertilization, Integrated Pest Management, Weed Management. This course will also focus on the Introduction to Turf Management, Professional Sports Turf Management, as well as Turf Maintenance Management. This is a great course for those students who may want to pursue Professional Turf Grass Management as a career or just want to gain knowledge about the Turf Grass Industry.

Advanced Ornamental Horticulture Career Development (Capstone Level)-Year IV

(Pathway 105/4059) CDE Course Code 7162-Grade 12

This course will cover advanced Landscape Design-Construction-Maintenance and Turf Grass propagation, Greenhouse and Nursery Management. This course prepares senior students for careers and job opportunities in horticulture. Students will work on student-initiated year long projects such as landscaping your own yard, operating your own landscape maintenance service, building a water feature, an internship working for a wholesale nursery, retail garden center, or a landscape design company. Your horticulture instructor will be your advisor and assist you with your year long project.