

Plant and Soil Science	Horticulture
<p>Course Purpose: This course will include an in depth look at soil formation, fertilizer analysis, plant growth, and reproduction microbiology and production of major crops. Application of biological principles and “hands-on” experience will supplement classroom learning along with participation in FFA Leadership activities.</p>	<p>Course Purpose: This Course will provide the student with knowledge in areas such as landscaping, flower arranging, pruning, ornamental horticulture, lawn care, pest control, fertilizing, and plant growth & propagation along with FFA leadership activities.</p>
<p>High Achievement Unit Outcomes:</p> <ol style="list-style-type: none"> 1. Plant and Soil Science in a Productive Agriculture. 2. Sustaining Plant and Soil Productivity. 3. Plants as Living Organisms. 4. Plant Reproduction. 5. Cultural Practices in Producing Plants. 6. Soil Materials and Formation. 7. Land Classification and Use. 8. Integrated Pest Management 9. Plants and their Environment. 10. SAE & Record Keeping 11. FFA 12. Diseases and control 	<p>High Achievement Unit Outcomes:</p> <ol style="list-style-type: none"> 1. Describing and Identifying Plants. 2. Turf: Selection, Establishment, and Maintenance. 3. Greenhouses and Other Growing Structures. 4. Beginning and promoting an Ornamental Horticulture Business. 5. Human Relations: Personnel Management and Customer Sales. 6. Record keeping, Pricing, and Determining Profit. 7. Ornamental Horticulture in the Age of Profit. 8. SAE & Record Keeping 9. FFA 10. Soil 11. Plant reproduction 12. Landscape design