



Agriculture and Landscape Design Curriculum Map CIP Code # 01.0601



L e v e l 1	<u>1st Quarter</u>	<u>2nd Quarter</u>	<u>3rd Quarter</u>	<u>4th Quarter</u>
	<u>Introduction to Agriculture and Safe Practices</u> Safety (100) Safety and Proper Plant Health Care Practices (200) Plant Identification (900) Horticultural Pathways (1100) <u>OSHA 10 - Agriculture</u>	<u>Basics of Design and Installation</u> Safety and Proper Plant Health Care Practices (200) Soils and Fertilizers (500) Plant Identification (900) Horticultural Careers and Opportunities (1000) Horticultural Pathways (1100) <u>Greenius Landscape Safety (170+ Module Certifications)</u>	<u>Overview of Plant and Soil Science</u> Safety and Proper Plant Health Care Practices (200) Basic Botany (300) Soils and Fertilizer (500) Sustainable Horticulture (600) Plant Identification (900) <u>Worker Protection Standard for Pesticides Handlers (WPS)</u>	<u>Machinery Operation and Blueprint Reading</u> Safety (100) Safety and Proper Plant Health Care Practices (200) Horticulture Technology (700) Horticultural Pathways (1100) <u>National Safe Tractor Machinery and Operation Program (NSTMOP)</u>
	<u>1st Quarter</u>	<u>2nd Quarter</u>	<u>3rd Quarter</u>	<u>4th Quarter</u>
	<u>Safety Management and History</u> Safety (100) Safety and Proper Plant Health Care Practices (200) Horticulture Technology (700) History and Current Status of Horticulture (800) Horticultural Pathways (1100) <u>Greenius Landscape Safety (170+ Module Certifications)</u>	<u>Business Operations and Design Synthesis</u> Horticulture Business Operations (400) Horticulture Technology (700) History and Current Status of Horticulture (800) Horticultural Careers and Opportunities (1000) Horticultural Pathways (1100) <u>Greenius Landscape Safety (170+ Module Certifications)</u>	<u>Horticulture Technology and Business Operations</u> Horticulture Business Operations (400) Horticulture Technology (700) History and Current Status of Horticulture (800) Horticultural Careers and Opportunities (1000) Horticultural Pathways (1100) <u>Pennsylvania Certified Horticulturalist (PCH)</u>	<u>Plant Science, Pesticides and Project Pathways</u> Safety and Proper Plant Health Care Practices (200) Basic Botany (300) Horticulture Technology (700) Horticultural Careers and Opportunities (1000) Horticultural Pathways (1100) <u>Pennsylvania State Pesticides Licensure (18+)</u>
L e v e l 2	<u>1st Quarter</u>	<u>2nd Quarter</u>	<u>3rd Quarter</u>	<u>4th Quarter</u>
	<u>Special Projects –Greenhouse/Landscaping</u> Safety and Proper Plant Health Care Practices (200) Soils and Fertilizers (500) Plant Identification (900) Horticultural Careers and Opportunities (1000) Horticultural Pathways (1100) <u>Pennsylvania Certified Horticulturalist (PCH)</u>	<u>Special Projects – Floral and Landscape Design</u> Safety and Proper Plant Health Care Practices (200) Horticulture Technology (700) Plant Identification (900) Horticultural Careers and Opportunities (1000) Horticultural Pathways (1100) <u>Greenius Landscape Safety (170+ Module Certifications)</u>	<u>Workforce Readiness</u> Horticulture Business Operations (400) Horticulture Technology (700) History and Current Status of Horticulture (800) Horticultural Careers and Opportunities (1000) Horticultural Pathways (1100) <u>Pennsylvania State Pesticides Licensure (18+)</u>	<u>Special Projects – Overall Final Project</u> Horticulture Business Operations (400) Horticulture Technology (700) History and Current Status of Horticulture (800) Horticultural Careers and Opportunities (1000) Horticultural Pathways (1100) <u>Greenius Landscape Safety (170+ Module Certifications)</u>
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Items highlighted in Yellow indicate Certifications available to students.